



# BREEM

CALORIFERI PER L'ARCHITETTURA

**DATI TECNICI & FISSAGGI**

## RESE TERMICHE NOMINALI Q<sub>n</sub>

Secondo la nuova normativa EN 442 la resa termica nominale in W<sub>att</sub>, Δt<sup>n</sup> = 50 k, è rilevata con le seguenti condizioni:

|   |      |
|---|------|
| t <sub>1</sub> temperatura entrata                  | 75°C |
| t <sub>2</sub> temperatura uscita                   | 65°C |
| t <sub>m</sub> temperatura media dell'acqua         | 70°C |
| t <sub>r</sub> temperatura di riferimento dell'aria | 20°C |
| k Salto termico                                     | 10 k |
| Δt differenza temperatura acqua-aria                | 50 k |

## PORTATA

La portata nominale ṁ<sub>n</sub>, per determinare la resa di un calorifero, è rilevata con una differenza di temperatura di 10 k:

$$Q = \dot{m} \times c \times (t_1 - t_2) \quad \dot{m} = \frac{Q}{c(t_1 - t_2)}$$

c in J/Kg K per l'acqua c = 4187 J/Kg k  
ṁ in Kg/s = ṁ × 3600 in kg/h

Portata nominale ṁ<sub>n</sub> = 100%

$$\dot{m}_n = \frac{Q_n}{4187(75 - 65)} \quad 3600$$

$$\dot{m}_n = \frac{Q_n}{11,63} \quad \text{in Kg/h}$$

Portata minima:

|                     |     |
|---------------------|-----|
| Caloriferi tubolari | 35% |
| Piastre             | 30% |
| Scaldasalviette     | 40% |

Le rese dichiarate non sono attendibili se non viene assicurata la portata minima.

## PERDITA DI CARICO

Il valore medio della perdita di carico dei caloriferi Brem è trascurabile rispetto al valore rilevato tra mandata e ritorno.

$$\Delta p = \zeta \frac{\rho}{2} v^2$$

|                          |                                      |
|--------------------------|--------------------------------------|
| ζ                        | coefficiente di resistenza           |
| ρ in Kg / m <sup>3</sup> | per l'acqua ρ=1000 kg/m <sup>3</sup> |
| v in m / s               | velocità ai raccordi                 |
| Δp in Pa                 | perdita di carico                    |

Quando la velocità dell'acqua risulta ≤ 1 m / s si applicano i seguenti coefficienti di resistenza

|                     |         |
|---------------------|---------|
| Caloriferi tubolari | ζ = 2,0 |
| Piastre             | ζ = 1,9 |
| Scaldasalviette     | ζ = 3,0 |

## Legenda simboli

|                |  |
|----------------|--|
| H              | altezza                                  |
| L              | lunghezza                                |
| p              | profondità                               |
| N              | interasse elementi                       |
| i.a.           | interasse attacchi                       |
| A              | superficie                               |
| V              | volume                                   |
| M              | peso a vuoto                             |
| t <sub>1</sub> | temperatura entrata                      |
| t <sub>2</sub> | temperatura uscita                       |
| t <sub>m</sub> | temperatura media dell'acqua             |
| t <sub>r</sub> | temperatura di riferimento dell'aria     |
| Δt             | differenza di temperatura                |
| Q <sub>n</sub> | potenza termica                          |
| Q              | potenza termica                          |
| S              | superficie d'irraggiamento               |
| n              | esponente                                |
| ck             | fattore di correzione per Q <sub>n</sub> |
| ṁ             | portata                                  |
| B.S.           | temperatura a bulbo secco                |
| B.U.           | temperatura a bulbo umido                |
| U.R.           | umidità relativa                         |

## Coefficienti di trasformazione

$$1 \text{ W} = 0,86 \text{ kcal / h}$$

$$1 \text{ kcal / h} = 1,16 \text{ W}$$

## Unità PROVE TERMICHE

|                 |                   |            |           |
|-----------------|-------------------|------------|-----------|
| cm              | ENE/MRT.REL.97101 | 15/12/97   | F12 FORM  |
| cm              | ENE/MRT.REL.97102 | 15/12/97   | F12 FORM  |
| cm              | ENE/MRT.RAP.97103 | 15/12/97   | F12 FORM  |
| mm              | ENE/MRT.REL.97104 | 15/12/97   | F12 FORM  |
| mm              | ENE/MRT.RAP.97106 | 12/12/97   | F12 FORM  |
| mm              | ENE/MRT.RAP.97124 | 15/12/97   | F12 GRATA |
| mm              | ENE/MRT.RAP.97125 | 15/12/97   | F12 FORM  |
| m <sup>2</sup>  | ENE/MRT.RAP.97126 | 15/12/97   | F12 FORM  |
| dm <sup>3</sup> | ENE/MRT.RAP.98126 | 10/9/98    | F12 START |
| kg              | ENE/MRT.REL.97095 | 15/12/97   | S15 SHAR  |
| kg              | ENE/MRT.RAP.97099 | 15/12/97   | S15 SHAR  |
| °C              | ENE/MRT.REL.97096 | 15/12/97   | S15MAHN   |
| °C              | ENE/MRT.RAP.97097 | 12/12/97   | S15MAHN   |
| °C              | ENE/MRT.RAP.97098 | 12/12/97   | S15MAHN   |
| °C              | ENE/MRT.RAP.98046 | 20/02/98   | EGON      |
| °C              | ENE/MRT.RAP.98049 | 02/03/98   | EGON      |
| °C              | ENE/MRT.RAP.98050 | 27/02/98   | EGON      |
| °C              | ENE/MRT.RAP.98051 | 25/02/98   | EGON      |
| W               | ENE/MRT.RAP.98052 | 23/02/98   | EGON      |
| W               | ENE/MRT.RAP.04212 | 08/06/2004 | WIND      |
| W               | ENE/MRT.Rel.04305 | 11/09/2004 | WIND      |
| S               | ENE/MRT.Rel.04306 | 11/09/2004 | WIND      |
| -               | ENE/MRT.RAP.06213 | 18/08/2006 | KORE      |
| -               | ENE/MRT.RAP.06214 | 21/08/2006 | KORE      |
| kg/s            | ENE/MRT.RAP.06215 | 18/08/2006 | KORE      |
| kg/s            | ENE/MRT.RAP.06217 | 21/08/2006 | THUN      |
| kg/s            | ENE/MRT.RAP.07320 | 23/10/2007 | THUN      |
| kg/s            | ENE/MRT.RAP.06220 | 11/08/2006 | QUAR      |
| kg/s            | ENE/MRT.RAP.06221 | 16/08/2006 | QUAR      |
| kg/s            | ENE/MRT.RAP.06222 | 01/08/2006 | QUAR      |
| kg/s            | ENE/MRT.RAP.06223 | 26/07/2006 | SUVAS     |
| kg/s            | ENE/MRT.RAP.07319 | 23/10/2007 | LAME      |
| kg/s            | ENE/MRT.RAP.07319 | 23/10/2007 | LAMATH    |
| kg/s            | ENE/MRT.Rel.09116 | 24/03/2009 | Kuadrum   |
| kg/s            | ENE/MRT.RAP.10258 | 30/08/2010 | CROSS     |
| kg/s            | ENE/MRT.RAP.10133 | 09/12/2010 | CROSS     |
| kg/s            | ENE/MRT.RAP.11033 | 15/02/2011 | Quadonda  |
| kg/s            | ENE/MRT.RAP.11035 | 15/02/2011 | Quadonda  |
| kg/s            | ENE/MRT.RAP.11034 | 15/02/2011 | Quadonda  |
| kg/s            | ENE/MRT.RAP.12175 | 01/06/2012 | PLUS12    |

|                  |                     |
|------------------|---------------------|
| BO6 211.1884     | Modelli SUIT H/V/SP |
| BO6 611.1882     | Modello Meta        |
| DIN Reg. n° 1638 | Modello C../L       |
| DIN Reg. n° 1639 | Modello C..-2       |
| DIN Reg. n° 1640 | Modello C..-2/L     |
| DIN Reg. n° 1641 | Modello C..-3       |
| DIN Reg. n° 1642 | Modello C..-3/L     |
| DIN Reg. n° 1643 | Modello C..-4       |
| DIN Reg. n° 1644 | Modello C..-4/L     |
| DIN Reg. n° 1645 | Modello C..-5       |

## Fattori di correzione

Δt diverso da 50 k

$$Q = Q_n (\Delta t / 50)^n$$

| Δt <sup>n</sup> | 1,10  | 1,12  | 1,14  | 1,16  | 1,18  | 1,20  | 1,22  | 1,24  | 1,26  | 1,28  | 1,30  | 1,32  | 1,34  | 1,36  | 1,38  | 1,40  |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 30              | 0,570 | 0,564 | 0,559 | 0,553 | 0,547 | 0,542 | 0,536 | 0,530 | 0,526 | 0,520 | 0,514 | 0,510 | 0,504 | 0,499 | 0,494 | 0,489 |
| 40              | 0,782 | 0,779 | 0,775 | 0,772 | 0,769 | 0,766 | 0,762 | 0,759 | 0,755 | 0,751 | 0,748 | 0,745 | 0,742 | 0,738 | 0,735 | 0,732 |
| 50              | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| 60              | 1,222 | 1,227 | 1,231 | 1,236 | 1,240 | 1,245 | 1,248 | 1,253 | 1,258 | 1,263 | 1,267 | 1,272 | 1,277 | 1,281 | 1,286 | 1,291 |

# CROSS Q - CROSS V - VERTICAL

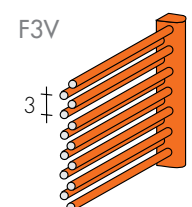
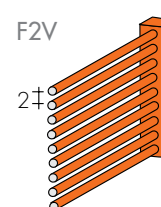
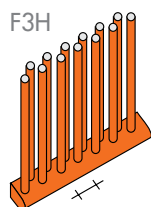
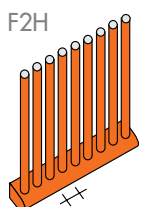
| MODELLO         | H<br>cm | L<br>cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | EN 442 - Valori per calorifero |               |               |
|-----------------|---------|---------|---------|---------------------|----------------------|---------|-------------|--------------------------------|---------------|---------------|
|                 |         |         |         |                     |                      |         |             | n                              | Δt50k<br>watt | Δt30k<br>watt |
| CROSS-Q 48-48   | 48,0    | 48,0    | 60      | 0,3                 | 2,1                  | 3,5     | 15          | 1,25                           | 180           | 95            |
| CROSS-Q 56-56   | 56,0    | 56,0    | 60      | 0,4                 | 2,5                  | 4,1     | 19          | 1,25                           | 216           | 114           |
| CROSS-Q 64-64   | 64,0    | 64,0    | 60      | 0,4                 | 2,9                  | 4,8     | 22          | 1,25                           | 252           | 133           |
| CROSS-Q 184-48  | 184,0   | 48,0    | 60      | 1,7                 | 11,3                 | 18,7    | 77          | 1,25                           | 890           | 470           |
| CROSS-Q 184-100 | 184,0   | 100,0   | 60      | 2,8                 | 18,3                 | 30,2    | 124         | 1,25                           | 1442          | 761           |
| CROSS-Q 208-56  | 208,0   | 56,0    | 60      | 2,0                 | 13,4                 | 22,1    | 91          | 1,25                           | 1055          | 557           |
| CROSS-Q 208-116 | 208,0   | 116,0   | 60      | 3,3                 | 21,5                 | 35,4    | 145         | 1,25                           | 1689          | 892           |
| CROSS-Q 224-64  | 224,0   | 64,0    | 60      | 2,3                 | 15,3                 | 25,2    | 103         | 1,25                           | 1203          | 635           |
| CROSS-Q 228-48  | 228,0   | 48,0    | 60      | 2,2                 | 14,6                 | 24      | 97          | 1,25                           | 1123          | 593           |
| CROSS-Q 228-100 | 228,0   | 100,0   | 60      | 3,6                 | 23,7                 | 39,1    | 157         | 1,25                           | 1826          | 964           |
| CROSS-V 24-104  | 24,0    | 104,0   | 20      | 0,4                 | 2,9                  | 4,80    | 22          | 1,25                           | 253           | 134           |
| CROSS-V 24-144  | 24,0    | 144,0   | 20      | 0,6                 | 4,0                  | 6,60    | 29          | 1,25                           | 343           | 181           |
| CROSS-V 52-104  | 52,0    | 104,0   | 20      | 0,6                 | 3,7                  | 6,00    | 27          | 1,25                           | 316           | 167           |
| CROSS-V 52-144  | 52,0    | 144,0   | 20      | 0,7                 | 4,7                  | 7,80    | 35          | 1,25                           | 406           | 214           |
| CROSS-2V 24-104 | 24,0    | 104,0   | 80      | 0,9                 | 5,9                  | 9,70    | 41          | 1,25                           | 480           | 253           |
| CROSS-2V 24-144 | 24,0    | 144,0   | 80      | 1,2                 | 8,0                  | 13,10   | 56          | 1,25                           | 652           | 344           |
| CROSS-2V 52-104 | 52,0    | 104,0   | 80      | 1,1                 | 7,3                  | 12,10   | 49          | 1,25                           | 569           | 300           |
| CROSS-2V 52-144 | 52,0    | 144,0   | 80      | 1,4                 | 9,4                  | 15,60   | 63          | 1,25                           | 731           | 386           |
| CROSS-V 184-24  | 184,0   | 24,0    | 20      | 0,8                 | 5,0                  | 8,30    | 35          | 1,25                           | 412           | 218           |
| CROSS-V 184-52  | 184,0   | 52,0    | 20      | 1,5                 | 10,1                 | 16,60   | 71          | 1,25                           | 823           | 435           |
| CROSS-V 184-80  | 184,0   | 80,0    | 20      | 2,3                 | 15,1                 | 24,90   | 106         | 1,25                           | 1235          | 652           |
| CROSS-V 208-24  | 208,0   | 24,0    | 20      | 0,9                 | 5,7                  | 9,30    | 40          | 1,25                           | 463           | 244           |
| CROSS-V 208-52  | 208,0   | 52,0    | 20      | 1,7                 | 11,3                 | 18,70   | 80          | 1,25                           | 926           | 489           |
| CROSS-V 208-80  | 208,0   | 80,0    | 20      | 2,6                 | 17,0                 | 28,00   | 119         | 1,25                           | 1389          | 733           |
| CROSS-V 224-24  | 224,0   | 24,0    | 20      | 0,9                 | 6,1                  | 10,00   | 44          | 1,25                           | 506           | 267           |
| CROSS-V 224-52  | 224,0   | 52,0    | 20      | 1,9                 | 12,1                 | 20,00   | 87          | 1,25                           | 1012          | 534           |
| CROSS-V 224-80  | 224,0   | 80,0    | 20      | 2,8                 | 18,3                 | 30,00   | 131         | 1,25                           | 1518          | 802           |
| CROSS-2V 184-24 | 184,0   | 24,0    | 80      | 1,5                 | 10,0                 | 16,60   | 64          | 1,25                           | 742           | 392           |
| CROSS-2V 184-52 | 184,0   | 52,0    | 80      | 3,1                 | 20,2                 | 33,20   | 127         | 1,25                           | 1481          | 782           |
| CROSS-2V 208-24 | 208,0   | 24,0    | 80      | 1,7                 | 11,4                 | 18,60   | 72          | 1,25                           | 833           | 440           |
| CROSS-2V 208-52 | 208,0   | 52,0    | 80      | 3,5                 | 22,6                 | 37,40   | 143         | 1,25                           | 1667          | 880           |
| CROSS-2V 224-24 | 224,0   | 24,0    | 80      | 1,9                 | 12,2                 | 20,00   | 78          | 1,25                           | 911           | 481           |
| CROSS-2V 224-52 | 224,0   | 52,0    | 80      | 3,7                 | 24,2                 | 40,00   | 157         | 1,25                           | 1822          | 962           |
| CROSS-3V 184-24 | 184,0   | 24,0    | 140     | 2,3                 | 15,0                 | 24,90   | 89          | 1,25                           | 1030          | 544           |
| CROSS-3V 208-24 | 208,0   | 24,0    | 140     | 2,6                 | 17,1                 | 27,90   | 100         | 1,25                           | 1158          | 611           |
| CROSS-3V 224-24 | 224,0   | 24,0    | 140     | 2,8                 | 18,3                 | 30,00   | 109         | 1,25                           | 1265          | 668           |

| MODELLO         | H<br>cm | L<br>cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | EN 442 - Valori per calorifero |               |               |
|-----------------|---------|---------|---------|---------------------|----------------------|---------|-------------|--------------------------------|---------------|---------------|
|                 |         |         |         |                     |                      |         |             | n                              | Δt50k<br>watt | Δt30k<br>watt |
| VERTICAL 184-24 | 184,0   | 24,0    | 71      | 1,1                 | 7,2                  | 11,80   | 51          | 1,25                           | 589           | 311           |
| VERTICAL 184-32 | 184,0   | 32,0    | 71      | 1,5                 | 9,5                  | 15,70   | 67          | 1,25                           | 784           | 414           |
| VERTICAL 184-40 | 184,0   | 40,0    | 71      | 1,8                 | 11,9                 | 19,60   | 84          | 1,25                           | 979           | 517           |
| VERTICAL 184-48 | 184,0   | 48,0    | 71      | 2,2                 | 14,2                 | 23,50   | 101         | 1,25                           | 1173          | 619           |
| VERTICAL 184-56 | 184,0   | 56,0    | 71      | 2,5                 | 16,6                 | 27,40   | 118         | 1,25                           | 1368          | 722           |
| VERTICAL 208-24 | 208,0   | 24,0    | 71      | 1,2                 | 8,1                  | 13,40   | 57          | 1,25                           | 666           | 352           |
| VERTICAL 208-32 | 208,0   | 32,0    | 71      | 1,6                 | 10,8                 | 17,80   | 76          | 1,25                           | 887           | 468           |
| VERTICAL 208-40 | 208,0   | 40,0    | 71      | 2,1                 | 13,5                 | 22,20   | 95          | 1,25                           | 1107          | 584           |
| VERTICAL 208-48 | 208,0   | 48,0    | 71      | 2,5                 | 16,1                 | 26,60   | 114         | 1,25                           | 1328          | 701           |
| VERTICAL 208-56 | 208,0   | 56,0    | 71      | 2,9                 | 18,8                 | 31,00   | 133         | 1,25                           | 1548          | 817           |
| VERTICAL 224-24 | 224,0   | 24,0    | 71      | 1,3                 | 8,7                  | 14,40   | 62          | 1,25                           | 718           | 379           |
| VERTICAL 224-32 | 224,0   | 32,0    | 71      | 1,8                 | 11,6                 | 19,20   | 82          | 1,25                           | 955           | 504           |
| VERTICAL 224-40 | 224,0   | 40,0    | 71      | 2,2                 | 14,5                 | 23,90   | 103         | 1,25                           | 1193          | 630           |
| VERTICAL 224-48 | 224,0   | 48,0    | 71      | 2,7                 | 17,4                 | 28,70   | 123         | 1,25                           | 1430          | 755           |
| VERTICAL 224-56 | 224,0   | 56,0    | 71      | 3,1                 | 20,3                 | 33,40   | 143         | 1,25                           | 1668          | 881           |

# FORM

EN 442 - Valori al metro lineare

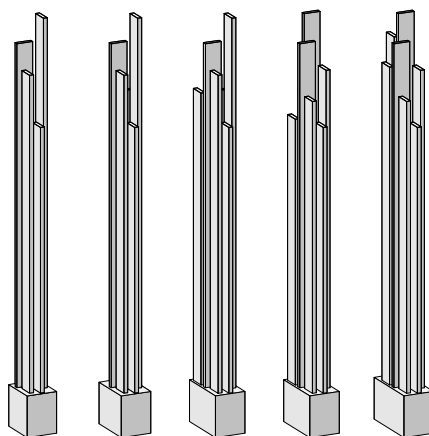
| MODELLO | H<br>cm | L<br>(da - a) cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | n    | Δt50k<br>watt | Δt30k<br>watt |
|---------|---------|------------------|---------|---------------------|----------------------|---------|-------------|------|---------------|---------------|
| F2H 60  | 60,0    | 20-110           | 38      | 1,26                | 3,31                 | 9,37    | 68          | 1,29 | 794           | 410           |
| F2H 80  | 80,0    | 20-110           | 38      | 1,64                | 4,10                 | 12,08   | 91          | 1,28 | 1063          | 553           |
| F2H 100 | 100,0   | 20-110           | 38      | 2,01                | 4,88                 | 14,79   | 114         | 1,27 | 1328          | 695           |
| F2H 120 | 120,0   | 20-110           | 38      | 2,39                | 5,67                 | 17,50   | 136         | 1,26 | 1586          | 834           |
| F2H 140 | 140,0   | 20-110           | 38      | 2,77                | 6,45                 | 20,21   | 158         | 1,26 | 1838          | 967           |
| F2H 160 | 160,0   | 20-110           | 38      | 3,14                | 7,24                 | 22,92   | 179         | 1,27 | 2083          | 1089          |
| F2H 180 | 180,0   | 20-110           | 38      | 3,52                | 8,02                 | 25,63   | 199         | 1,27 | 2320          | 1213          |
| F2H 190 | 190,0   | 20-110           | 38      | 3,71                | 8,42                 | 26,99   | 209         | 1,27 | 2430          | 1271          |
| F2H 200 | 200,0   | 20-110           | 38      | 3,90                | 8,81                 | 28,34   | 219         | 1,27 | 2549          | 1333          |
| F2H 210 | 210,0   | 20-110           | 38      | 4,09                | 9,20                 | 29,70   | 229         | 1,28 | 2662          | 1384          |
| F2H 220 | 220,0   | 20-110           | 38      | 4,27                | 9,59                 | 31,05   | 238         | 1,28 | 2771          | 1441          |
| F2H 240 | 240,0   | 20-110           | 38      | 4,65                | 10,38                | 33,76   | 257         | 1,29 | 2985          | 1543          |
| F2H 260 | 260,0   | 20-110           | 38      | 5,03                | 11,16                | 36,47   | 274         | 1,29 | 3192          | 1650          |
| F2H 280 | 280,0   | 20-110           | 38      | 5,40                | 11,95                | 39,18   | 291         | 1,29 | 3390          | 1753          |
| F2H 300 | 300,0   | 20-110           | 38      | 5,78                | 12,73                | 41,89   | 308         | 1,29 | 3581          | 1851          |
| F3H 60  | 60,0    | 20-110           | 38      | 1,59                | 3,93                 | 11,44   | 72          | 1,29 | 842           | 435           |
| F3H 80  | 80,0    | 20-110           | 38      | 2,09                | 4,95                 | 14,96   | 98          | 1,29 | 1140          | 589           |
| F3H 100 | 100,0   | 20-110           | 38      | 2,59                | 5,97                 | 18,48   | 123         | 1,30 | 1432          | 736           |
| F3H 120 | 120,0   | 20-110           | 38      | 3,08                | 6,99                 | 22,01   | 148         | 1,30 | 1719          | 884           |
| F3H 140 | 140,0   | 20-110           | 38      | 3,58                | 8,01                 | 25,53   | 172         | 1,30 | 1998          | 1027          |
| F3H 160 | 160,0   | 20-110           | 38      | 4,08                | 9,03                 | 29,05   | 195         | 1,31 | 2269          | 1159          |
| F3H 180 | 180,0   | 20-110           | 38      | 4,58                | 10,05                | 32,58   | 218         | 1,31 | 2532          | 1294          |
| F3H 200 | 200,0   | 20-110           | 38      | 5,07                | 11,07                | 36,10   | 240         | 1,31 | 2787          | 1424          |
| F3H 220 | 220,0   | 20-110           | 38      | 5,57                | 12,10                | 39,62   | 261         | 1,31 | 3033          | 1550          |
| F3H 240 | 240,0   | 20-110           | 38      | 6,07                | 13,12                | 43,14   | 281         | 1,31 | 3271          | 1671          |
| F3H 260 | 260,0   | 20-110           | 38      | 6,56                | 14,14                | 46,67   | 301         | 1,31 | 3500          | 1789          |
| F3H 280 | 280,0   | 20-110           | 38      | 7,06                | 15,16                | 50,19   | 320         | 1,31 | 3720          | 1901          |
| F3H 300 | 300,0   | 20-110           | 38      | 7,56                | 16,18                | 53,71   | 338         | 1,31 | 3933          | 2010          |
| F2V 20  | 20,0    | 60-300           | 38      | 0,40                | 0,98                 | 3,00    | 22          | 1,24 | 260           | 138           |
| F2V 26  | 26,0    | 60-300           | 38      | 0,52                | 1,27                 | 3,80    | 29          | 1,23 | 338           | 180           |
| F2V 32  | 32,0    | 60-300           | 38      | 0,64                | 1,57                 | 4,70    | 36          | 1,23 | 417           | 222           |
| F2V 38  | 38,0    | 60-300           | 38      | 0,76                | 1,86                 | 5,60    | 43          | 1,23 | 496           | 264           |
| F2V 44  | 44,0    | 60-300           | 38      | 0,88                | 2,16                 | 6,50    | 49          | 1,24 | 574           | 304           |
| F2V 50  | 50,0    | 60-300           | 38      | 1,01                | 2,45                 | 7,40    | 57          | 1,25 | 661           | 349           |
| F2V 56  | 56,0    | 60-300           | 38      | 1,13                | 2,74                 | 8,30    | 64          | 1,25 | 741           | 391           |
| F2V 62  | 62,0    | 60-300           | 38      | 1,25                | 3,04                 | 9,20    | 71          | 1,24 | 823           | 436           |
| F2V 68  | 68,0    | 60-300           | 38      | 1,37                | 3,33                 | 10,10   | 78          | 1,24 | 902           | 478           |
| F2V 74  | 74,0    | 60-300           | 38      | 1,49                | 3,63                 | 11,00   | 84          | 1,24 | 983           | 521           |
| F2V 80  | 80,0    | 60-300           | 38      | 1,61                | 3,92                 | 11,80   | 91          | 1,25 | 1063          | 561           |
| F2V 86  | 86,0    | 60-300           | 38      | 1,73                | 4,21                 | 12,70   | 98          | 1,25 | 1143          | 604           |
| F2V 92  | 92,0    | 60-300           | 38      | 1,85                | 4,51                 | 13,60   | 105         | 1,25 | 1222          | 645           |
| F2V 98  | 98,0    | 60-300           | 38      | 1,97                | 4,80                 | 14,50   | 112         | 1,25 | 1302          | 687           |
| F2V 104 | 104,0   | 60-300           | 38      | 2,09                | 5,10                 | 15,40   | 119         | 1,25 | 1381          | 729           |
| F2V 110 | 110,0   | 60-300           | 38      | 2,21                | 5,39                 | 16,30   | 126         | 1,26 | 1461          | 768           |
| F2V 116 | 116,0   | 60-300           | 38      | 2,33                | 5,68                 | 17,20   | 133         | 1,26 | 1541          | 811           |
| F3V 20  | 20,0    | 60-300           | 38      | 0,52                | 1,20                 | 3,70    | 25          | 1,26 | 291           | 153           |
| F3V 26  | 26,0    | 60-300           | 38      | 0,68                | 1,57                 | 4,80    | 33          | 1,26 | 380           | 200           |
| F3V 32  | 32,0    | 60-300           | 38      | 0,84                | 1,94                 | 6,00    | 41          | 1,26 | 471           | 248           |
| F3V 38  | 38,0    | 60-300           | 38      | 1,00                | 2,31                 | 7,10    | 48          | 1,26 | 562           | 296           |
| F3V 44  | 44,0    | 60-300           | 38      | 1,15                | 2,68                 | 8,30    | 56          | 1,26 | 647           | 340           |
| F3V 50  | 50,0    | 60-300           | 38      | 1,31                | 3,05                 | 9,40    | 64          | 1,27 | 740           | 387           |
| F3V 56  | 56,0    | 60-300           | 38      | 1,47                | 3,42                 | 10,50   | 72          | 1,27 | 834           | 436           |
| F3V 62  | 62,0    | 60-300           | 38      | 1,63                | 3,78                 | 11,70   | 80          | 1,27 | 925           | 484           |
| F3V 68  | 68,0    | 60-300           | 38      | 1,79                | 4,15                 | 12,80   | 87          | 1,27 | 1017          | 532           |
| F3V 74  | 74,0    | 60-300           | 38      | 1,95                | 4,52                 | 13,90   | 95          | 1,27 | 1109          | 580           |
| F3V 80  | 80,0    | 60-300           | 38      | 2,11                | 4,89                 | 15,10   | 103         | 1,27 | 1201          | 628           |
| F3V 86  | 86,0    | 60-300           | 38      | 2,27                | 5,26                 | 16,20   | 111         | 1,28 | 1292          | 672           |
| F3V 92  | 92,0    | 60-300           | 38      | 2,43                | 5,63                 | 17,40   | 119         | 1,28 | 1384          | 720           |
| F3V 98  | 98,0    | 60-300           | 38      | 2,59                | 6,00                 | 18,50   | 127         | 1,28 | 1475          | 767           |
| F3V 104 | 104,0   | 60-300           | 38      | 2,75                | 6,37                 | 19,60   | 135         | 1,28 | 1567          | 815           |
| F3V 110 | 110,0   | 60-300           | 38      | 2,91                | 6,74                 | 20,80   | 143         | 1,29 | 1659          | 858           |
| F3V 116 | 116,0   | 60-300           | 38      | 3,06                | 7,11                 | 21,90   | 150         | 1,29 | 1744          | 902           |





# LAME - LAME UP - LUCAL

| MODELLO       | H<br>cm | L<br>cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | EN 442 - Valori per calorifero |               |               |
|---------------|---------|---------|---------|---------------------|----------------------|---------|-------------|--------------------------------|---------------|---------------|
|               |         |         |         |                     |                      |         |             | n                              | Δt50k<br>watt | Δt30k<br>watt |
| LAME 190-11   | 190,0   | 11,0    | 80      | 0,7                 | 4,7                  | 8,2     | 30          | 1,28                           | 350           | 182           |
| LAME 190-17   | 190,0   | 17,0    | 80      | 1,0                 | 6,7                  | 11,6    | 43          | 1,28                           | 496           | 258           |
| LAME 190-23   | 190,0   | 23,0    | 80      | 1,3                 | 8,8                  | 15,2    | 56          | 1,28                           | 652           | 339           |
| LAME 190-29   | 190,0   | 29,0    | 80      | 1,6                 | 10,6                 | 18,4    | 68          | 1,28                           | 788           | 410           |
| LAME 190-35   | 190,0   | 35,0    | 80      | 2,0                 | 12,8                 | 22,2    | 82          | 1,28                           | 953           | 496           |
| LAME 190-41   | 190,0   | 41,0    | 80      | 2,3                 | 14,9                 | 25,9    | 95          | 1,28                           | 1109          | 577           |
| LAME 190-47   | 190,0   | 47,0    | 80      | 2,6                 | 16,9                 | 29,3    | 108         | 1,28                           | 1255          | 653           |
| LAME 210-11   | 210,0   | 11,0    | 80      | 0,8                 | 5,2                  | 9,1     | 33          | 1,28                           | 389           | 202           |
| LAME 210-17   | 210,0   | 17,0    | 80      | 1,1                 | 7,5                  | 12,9    | 48          | 1,28                           | 554           | 288           |
| LAME 210-23   | 210,0   | 23,0    | 80      | 1,5                 | 9,8                  | 17,0    | 63          | 1,28                           | 730           | 380           |
| LAME 210-29   | 210,0   | 29,0    | 80      | 1,8                 | 11,9                 | 20,7    | 76          | 1,28                           | 885           | 460           |
| LAME 210-35   | 210,0   | 35,0    | 80      | 2,2                 | 14,4                 | 25,0    | 92          | 1,28                           | 1070          | 556           |
| LAME 210-41   | 210,0   | 41,0    | 80      | 2,6                 | 16,8                 | 29,1    | 107         | 1,28                           | 1245          | 647           |
| LAME 210-47   | 210,0   | 47,0    | 80      | 2,9                 | 19,0                 | 32,9    | 121         | 1,28                           | 1411          | 734           |
| LAME 230-11   | 230,0   | 11,0    | 80      | 0,9                 | 5,8                  | 10,0    | 37          | 1,28                           | 428           | 223           |
| LAME 230-17   | 230,0   | 17,0    | 80      | 1,3                 | 8,2                  | 14,3    | 53          | 1,28                           | 613           | 319           |
| LAME 230-23   | 230,0   | 23,0    | 80      | 1,7                 | 10,9                 | 18,8    | 69          | 1,28                           | 807           | 420           |
| LAME 230-29   | 230,0   | 29,0    | 80      | 2,0                 | 13,2                 | 22,9    | 84          | 1,28                           | 982           | 511           |
| LAME 230-35   | 230,0   | 35,0    | 80      | 2,4                 | 16,0                 | 27,7    | 102         | 1,28                           | 1187          | 617           |
| LAME 230-41   | 230,0   | 41,0    | 80      | 2,8                 | 18,6                 | 32,2    | 119         | 1,28                           | 1381          | 718           |
| LAME 230-47   | 230,0   | 47,0    | 80      | 3,2                 | 21,1                 | 36,5    | 135         | 1,28                           | 1566          | 814           |
| LAME-UP 200-4 | 200,0   | 15,0    | 19      | 1,3                 | 8,0                  | 18,9    | 55          | 1,28                           | 641           | 333           |
| LAME-UP 200-5 | 200,0   | 15,0    | 23      | 1,6                 | 10,1                 | 23,7    | 70          | 1,28                           | 809           | 421           |
| LAME-UP 200-6 | 200,0   | 15,0    | 27      | 1,8                 | 11,7                 | 27,3    | 80          | 1,28                           | 935           | 486           |
| LAME-UP 200-7 | 200,0   | 15,0    | 27      | 2,1                 | 13,5                 | 31,5    | 93          | 1,28                           | 1082          | 563           |
| LAME-UP 200-8 | 200,0   | 15,0    | 31      | 2,4                 | 15,6                 | 36,3    | 108         | 1,28                           | 1250          | 650           |
| LAME-UP 230-4 | 230,0   | 15,0    | 19      | 1,5                 | 9,6                  | 22,5    | 66          | 1,28                           | 767           | 399           |
| LAME-UP 230-5 | 230,0   | 15,0    | 23      | 1,9                 | 12,0                 | 28,2    | 83          | 1,28                           | 966           | 502           |
| LAME-UP 230-6 | 230,0   | 15,0    | 27      | 2,2                 | 14,0                 | 32,7    | 97          | 1,28                           | 1124          | 584           |
| LAME-UP 230-7 | 230,0   | 15,0    | 27      | 2,5                 | 16,2                 | 37,8    | 112         | 1,28                           | 1302          | 677           |
| LAME-UP 230-8 | 230,0   | 15,0    | 31      | 2,9                 | 18,7                 | 43,5    | 129         | 1,28                           | 1502          | 781           |



LAME-UP 4 LAME-UP 5 LAME-UP 6 LAME-UP 7 LAME-UP 8

| MODELLO      | H<br>cm | L<br>cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | EN 442 - Valori per calorifero |               |               |
|--------------|---------|---------|---------|---------------------|----------------------|---------|-------------|--------------------------------|---------------|---------------|
|              |         |         |         |                     |                      |         |             | n                              | Δt50k<br>watt | Δt30k<br>watt |
| LUCAL 180-16 | 182,0   | 25,0    | 160     | 1,2                 | 2,51                 | 8,40    | 64          | 1,27                           | 742           | 388           |

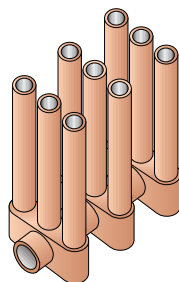
# GRATA - EGON

| MODELLO<br>GRATA | H<br>cm | L<br>(da - a) cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | EN 442 - Valori al metro lineare |               |               |
|------------------|---------|------------------|---------|---------------------|----------------------|---------|-------------|----------------------------------|---------------|---------------|
|                  |         |                  |         |                     |                      |         |             | n                                | Δt50k<br>watt | Δt30k<br>watt |
| GRH 60           | 60,0    | 20-110           | 38      | 1,34                | 1,61                 | 10,1    | 63          | 1,27                             | 732           | 383           |
| GRH 80           | 80,0    | 20-110           | 38      | 1,74                | 2,14                 | 12,7    | 80          | 1,27                             | 935           | 489           |
| GRH 100          | 100,0   | 20-110           | 38      | 2,13                | 2,68                 | 15,2    | 98          | 1,27                             | 1144          | 598           |
| GRH 120          | 120,0   | 20-110           | 38      | 2,53                | 3,21                 | 17,8    | 115         | 1,28                             | 1340          | 697           |
| GRH 140          | 140,0   | 20-110           | 38      | 2,93                | 3,75                 | 20,4    | 132         | 1,28                             | 1539          | 800           |
| GRH 160          | 160,0   | 20-110           | 38      | 3,33                | 4,28                 | 23,0    | 149         | 1,28                             | 1728          | 899           |
| GRH 180          | 180,0   | 20-110           | 38      | 3,73                | 4,81                 | 25,6    | 164         | 1,28                             | 1913          | 995           |
| GRH 200          | 200,0   | 20-110           | 38      | 4,13                | 5,35                 | 28,2    | 180         | 1,28                             | 2096          | 1090          |
| GRH 220          | 220,0   | 20-110           | 38      | 4,53                | 5,88                 | 30,8    | 195         | 1,28                             | 2264          | 1177          |
| GRH 240          | 240,0   | 20-110           | 38      | 4,93                | 6,41                 | 33,4    | 209         | 1,29                             | 2429          | 1256          |
| GRH 260          | 260,0   | 20-110           | 38      | 5,33                | 6,95                 | 36,0    | 222         | 1,29                             | 2585          | 1336          |
| GRH 280          | 280,0   | 20-110           | 38      | 5,73                | 7,48                 | 38,6    | 236         | 1,30                             | 2740          | 1408          |
| GRH 300          | 300,0   | 20-110           | 38      | 6,12                | 8,02                 | 41,2    | 248         | 1,30                             | 2885          | 1483          |
| GRV 20           | 20,0    | 60-300           | 38      | 0,42                | 0,73                 | 3,1     | 19          | 1,24                             | 218           | 116           |
| GRV 26           | 26,0    | 60-300           | 38      | 0,55                | 0,94                 | 4,0     | 25          | 1,24                             | 286           | 152           |
| GRV 32           | 32,0    | 60-300           | 38      | 0,68                | 1,15                 | 4,9     | 30          | 1,24                             | 354           | 188           |
| GRV 38           | 38,0    | 60-300           | 38      | 0,81                | 1,37                 | 5,8     | 36          | 1,25                             | 423           | 223           |
| GRV 44           | 44,0    | 60-300           | 38      | 0,94                | 1,58                 | 6,7     | 42          | 1,25                             | 491           | 259           |
| GRV 50           | 50,0    | 60-300           | 38      | 1,07                | 1,79                 | 7,6     | 48          | 1,25                             | 560           | 296           |
| GRV 56           | 56,0    | 60-300           | 38      | 1,20                | 2,00                 | 8,5     | 54          | 1,25                             | 629           | 332           |
| GRV 62           | 62,0    | 60-300           | 38      | 1,33                | 2,21                 | 9,4     | 60          | 1,26                             | 700           | 368           |
| GRV 68           | 68,0    | 60-300           | 38      | 1,46                | 2,42                 | 10,3    | 66          | 1,26                             | 769           | 404           |
| GRV 74           | 74,0    | 60-300           | 38      | 1,59                | 2,64                 | 11,2    | 72          | 1,26                             | 838           | 441           |
| GRV 80           | 80,0    | 60-300           | 38      | 1,72                | 2,85                 | 12,1    | 78          | 1,26                             | 908           | 478           |
| GRV 86           | 86,0    | 60-300           | 38      | 1,85                | 3,06                 | 13,0    | 84          | 1,27                             | 977           | 511           |
| GRV 92           | 92,0    | 60-300           | 38      | 1,98                | 3,27                 | 13,9    | 90          | 1,27                             | 1046          | 547           |
| GRV 98           | 98,0    | 60-300           | 38      | 2,11                | 3,48                 | 14,9    | 96          | 1,27                             | 1115          | 583           |
| GRV 104          | 104,0   | 60-300           | 38      | 2,24                | 3,69                 | 15,8    | 102         | 1,27                             | 1184          | 619           |
| GRV 110          | 110,0   | 60-300           | 38      | 2,37                | 3,91                 | 16,7    | 108         | 1,27                             | 1253          | 655           |
| GRV 116          | 116,0   | 60-300           | 38      | 2,50                | 4,12                 | 17,6    | 114         | 1,27                             | 1322          | 691           |

| MODELLO<br>EGON | H<br>cm | L<br>(da - a) cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | EN 442 - Valori al metro lineare |               |               |
|-----------------|---------|------------------|---------|---------------------|----------------------|---------|-------------|----------------------------------|---------------|---------------|
|                 |         |                  |         |                     |                      |         |             | n                                | Δt50k<br>watt | Δt30k<br>watt |
| EH 60           | 60,00   | 8-116,5          | 38      | 1,34                | 3,79                 | 13,6    | 57          | 1,27                             | 663           | 347           |
| EH 80           | 80,00   | 8-116,5          | 38      | 1,75                | 4,83                 | 17,7    | 76          | 1,27                             | 884           | 462           |
| EH 100          | 100,00  | 8-116,5          | 38      | 2,15                | 5,86                 | 21,7    | 92          | 1,28                             | 1074          | 558           |
| EH 120          | 120,00  | 8-116,5          | 38      | 2,56                | 6,90                 | 25,7    | 109         | 1,28                             | 1265          | 658           |
| EH 140          | 140,00  | 8-116,5          | 38      | 2,96                | 7,94                 | 29,7    | 125         | 1,29                             | 1458          | 754           |
| EH 160          | 160,00  | 8-116,5          | 38      | 3,36                | 8,97                 | 33,7    | 142         | 1,29                             | 1655          | 856           |
| EH 180          | 180,00  | 8-116,5          | 38      | 3,77                | 10,01                | 37,8    | 160         | 1,30                             | 1856          | 954           |
| EH 200          | 200,00  | 8-116,5          | 38      | 4,17                | 11,05                | 41,8    | 177         | 1,30                             | 2062          | 1060          |
| EH 220          | 220,00  | 8-116,5          | 38      | 4,58                | 12,08                | 45,8    | 196         | 1,30                             | 2275          | 1169          |
| EH 240          | 240,00  | 8-116,5          | 38      | 4,98                | 13,12                | 49,8    | 214         | 1,29                             | 2493          | 1289          |
| EH 260          | 260,00  | 8-116,5          | 38      | 5,38                | 14,16                | 53,8    | 232         | 1,29                             | 2701          | 1396          |
| EH 280          | 280,00  | 8-116,5          | 38      | 5,79                | 15,19                | 57,8    | 250         | 1,29                             | 2908          | 1503          |
| EH 300          | 300,00  | 8-116,5          | 38      | 6,19                | 16,23                | 61,9    | 268         | 1,29                             | 3116          | 1611          |
| EV 1 el         | 8,00    | 60-300           | 38      | 0,15                | 0,41                 | 1,6     | 7           | 1,24                             | 83            | 44            |
| EV 2 el         | 15,80   | 60-300           | 38      | 0,30                | 0,81                 | 3,1     | 14          | 1,23                             | 166           | 88            |
| EV 3 el         | 23,50   | 60-300           | 38      | 0,45                | 1,22                 | 4,7     | 21          | 1,23                             | 249           | 133           |
| EV 4 el         | 31,30   | 60-300           | 38      | 0,60                | 1,62                 | 6,3     | 29          | 1,23                             | 332           | 177           |
| EV 5 el         | 39,00   | 60-300           | 38      | 0,75                | 2,03                 | 7,8     | 36          | 1,24                             | 415           | 220           |
| EV 6 el         | 46,80   | 60-300           | 38      | 0,90                | 2,43                 | 9,4     | 43          | 1,25                             | 498           | 263           |
| EV 7 el         | 54,50   | 60-300           | 38      | 1,05                | 2,84                 | 10,9    | 50          | 1,25                             | 581           | 307           |
| EV 8 el         | 62,20   | 60-300           | 38      | 1,20                | 3,24                 | 12,5    | 57          | 1,24                             | 664           | 352           |
| EV 9 el         | 70,00   | 60-300           | 38      | 1,35                | 3,65                 | 14,1    | 64          | 1,24                             | 747           | 396           |
| EV 10 el        | 79,00   | 60-300           | 38      | 1,50                | 4,06                 | 15,6    | 71          | 1,24                             | 830           | 440           |
| EV 11 el        | 85,50   | 60-300           | 38      | 1,65                | 4,46                 | 17,2    | 79          | 1,25                             | 913           | 482           |
| EV 12 el        | 93,30   | 60-300           | 38      | 1,80                | 4,87                 | 18,8    | 86          | 1,25                             | 996           | 526           |
| EV 13 el        | 101,00  | 60-300           | 38      | 1,95                | 5,27                 | 20,3    | 93          | 1,25                             | 1079          | 570           |
| EV 14 el        | 108,80  | 60-300           | 38      | 2,10                | 5,68                 | 21,9    | 100         | 1,25                             | 1162          | 614           |
| EV 15 el        | 116,50  | 60-300           | 38      | 2,25                | 6,08                 | 23,5    | 107         | 1,25                             | 1245          | 657           |

# KUADRUM - WIND

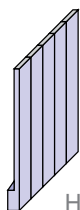
| MODELLO  | H<br>cm | L<br>(da - a) cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | EN 442 - Valori al metro lineare |               |               |
|----------|---------|------------------|---------|---------------------|----------------------|---------|-------------|----------------------------------|---------------|---------------|
|          |         |                  |         |                     |                      |         |             | n                                | Δt50k<br>watt | Δt30k<br>watt |
| K..H 60  | 60,0    | 20-100           | 38      | 1,66                | 5,31                 | 5,31    | 64          | 1,29                             | 747           | 386           |
| K..H 80  | 80,0    | 20-100           | 38      | 2,14                | 6,66                 | 6,66    | 87          | 1,29                             | 1007          | 521           |
| K..H 100 | 100,0   | 20-100           | 38      | 2,62                | 8,01                 | 8,01    | 108         | 1,29                             | 1257          | 650           |
| K..H 120 | 120,0   | 20-100           | 38      | 3,10                | 9,36                 | 9,36    | 129         | 1,29                             | 1498          | 774           |
| K..H 140 | 140,0   | 20-100           | 38      | 3,58                | 10,72                | 10,72   | 150         | 1,29                             | 1739          | 899           |
| K..H 160 | 160,0   | 20-100           | 38      | 4,06                | 12,07                | 12,07   | 170         | 1,29                             | 1971          | 1019          |
| K..H 180 | 180,0   | 20-100           | 38      | 4,54                | 13,42                | 13,42   | 189         | 1,29                             | 2193          | 1134          |
| K..H 190 | 190,0   | 20-100           | 38      | 4,78                | 14,10                | 14,10   | 198         | 1,29                             | 2297          | 1188          |
| K..H 200 | 200,0   | 20-100           | 38      | 5,02                | 14,77                | 14,77   | 207         | 1,29                             | 2410          | 1246          |
| K..H 210 | 210,0   | 20-100           | 38      | 5,26                | 15,45                | 15,45   | 216         | 1,29                             | 2514          | 1300          |
| K..H 220 | 220,0   | 20-100           | 38      | 5,50                | 16,12                | 16,12   | 225         | 1,29                             | 2618          | 1354          |
| K..H 240 | 240,0   | 20-100           | 38      | 5,98                | 17,48                | 17,48   | 243         | 1,29                             | 2821          | 1458          |
| K..H 260 | 260,0   | 20-100           | 38      | 6,46                | 18,83                | 18,83   | 259         | 1,29                             | 3015          | 1559          |
| K..H 280 | 280,0   | 20-100           | 38      | 6,94                | 20,18                | 20,18   | 276         | 1,29                             | 3204          | 1656          |
| K..H 300 | 300,0   | 20-100           | 38      | 7,42                | 21,53                | 21,53   | 291         | 1,29                             | 3384          | 1750          |
| K..V 20  | 20,0    | 60-300           | 38      | 0,52                | 1,60                 | 1,60    | 22          | 1,29                             | 251           | 130           |
| K..V 25  | 25,0    | 60-300           | 38      | 0,66                | 2,00                 | 2,00    | 27          | 1,29                             | 314           | 162           |
| K..V 30  | 30,0    | 60-300           | 38      | 0,79                | 2,40                 | 2,40    | 32          | 1,29                             | 377           | 195           |
| K..V 35  | 35,0    | 60-300           | 38      | 0,92                | 2,80                 | 2,80    | 38          | 1,29                             | 439           | 227           |
| K..V 40  | 40,0    | 60-300           | 38      | 1,05                | 3,20                 | 3,20    | 43          | 1,29                             | 502           | 260           |
| K..V 45  | 45,0    | 60-300           | 38      | 1,18                | 3,61                 | 3,61    | 49          | 1,29                             | 565           | 292           |
| K..V 50  | 50,0    | 60-300           | 38      | 1,31                | 4,01                 | 4,01    | 54          | 1,29                             | 628           | 325           |
| K..V 55  | 55,0    | 60-300           | 38      | 1,44                | 4,41                 | 4,41    | 59          | 1,29                             | 691           | 357           |
| K..V 60  | 60,0    | 60-300           | 38      | 1,57                | 4,81                 | 4,81    | 65          | 1,29                             | 753           | 389           |
| K..V 65  | 65,0    | 60-300           | 38      | 1,70                | 5,21                 | 5,21    | 70          | 1,29                             | 816           | 422           |
| K..V 70  | 70,0    | 60-300           | 38      | 1,83                | 5,61                 | 5,61    | 76          | 1,29                             | 879           | 454           |
| K..V 75  | 75,0    | 60-300           | 38      | 1,97                | 6,01                 | 6,01    | 81          | 1,29                             | 942           | 487           |
| K..V 80  | 80,0    | 60-300           | 38      | 2,10                | 6,41                 | 6,41    | 86          | 1,29                             | 1005          | 520           |
| K..V 85  | 85,0    | 60-300           | 38      | 2,23                | 6,81                 | 6,81    | 92          | 1,29                             | 1067          | 552           |
| K..V 90  | 90,0    | 60-300           | 38      | 2,36                | 7,21                 | 7,21    | 97          | 1,29                             | 1130          | 584           |
| K..V 95  | 95,0    | 60-300           | 38      | 2,49                | 7,61                 | 7,61    | 103         | 1,29                             | 1193          | 617           |
| K..V 100 | 100,0   | 60-300           | 38      | 2,62                | 8,01                 | 8,01    | 108         | 1,29                             | 1256          | 649           |



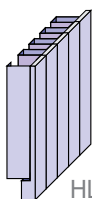
| MODELLO<br>WIND | H<br>cm | L<br>cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | EN 442 - Valori ad elemento |               |               |
|-----------------|---------|---------|---------|---------------------|----------------------|---------|-------------|-----------------------------|---------------|---------------|
|                 |         |         |         |                     |                      |         |             | n                           | Δt50k<br>watt | Δt30k<br>watt |
| W 3065          | 66,6    | 3,0     | 65      | 0,10                | 0,30                 | 0,74    | 3,61        | 1,27                        | 42,0          | 21,9          |
| W 3075          | 76,6    | 3,0     | 65      | 0,11                | 0,33                 | 0,84    | 4,13        | 1,28                        | 48,0          | 25,0          |
| W 3085          | 86,6    | 3,0     | 65      | 0,12                | 0,36                 | 0,94    | 4,64        | 1,29                        | 54,0          | 27,9          |
| W 3180          | 178,3   | 3,0     | 65      | 0,24                | 0,74                 | 1,91    | 9,20        | 1,32                        | 107,0         | 54,4          |
| W 3200          | 198,3   | 3,0     | 65      | 0,26                | 0,81                 | 2,12    | 10,15       | 1,32                        | 118,0         | 59,9          |
| W 4065          | 66,6    | 3,0     | 89      | 0,13                | 0,38                 | 0,98    | 4,47        | 1,29                        | 52,0          | 26,9          |
| W 4075          | 76,6    | 3,0     | 89      | 0,14                | 0,45                 | 1,12    | 5,16        | 1,29                        | 60,0          | 31,0          |
| W 4085          | 86,6    | 3,0     | 89      | 0,17                | 0,50                 | 1,25    | 5,85        | 1,29                        | 68,0          | 35,1          |
| W 4180          | 178,3   | 3,0     | 89      | 0,31                | 0,96                 | 2,55    | 11,27       | 1,32                        | 131,0         | 66,5          |
| W 4200          | 198,3   | 3,0     | 89      | 0,35                | 1,06                 | 2,82    | 12,47       | 1,33                        | 145,0         | 73,2          |
| W 5027          | 29,1    | 3,0     | 113     | 0,07                | 0,23                 | 0,58    | 2,32        | 1,28                        | 27,0          | 14,1          |
| W 5053          | 54,6    | 3,0     | 113     | 0,11                | 0,36                 | 1,02    | 4,56        | 1,29                        | 53,0          | 27,4          |
| W 5065          | 66,6    | 3,0     | 113     | 0,16                | 0,48                 | 1,23    | 5,42        | 1,29                        | 63,0          | 32,6          |
| W 5075          | 76,6    | 3,0     | 113     | 0,18                | 0,54                 | 1,4     | 6,28        | 1,29                        | 73,0          | 37,7          |
| W 5085          | 86,6    | 3,0     | 113     | 0,20                | 0,61                 | 1,57    | 7,05        | 1,32                        | 82,0          | 41,7          |
| W 6027          | 29,1    | 3,0     | 137     | 0,08                | 0,28                 | 0,69    | 2,92        | 1,32                        | 34,0          | 17,2          |
| W 6053          | 54,6    | 3,0     | 137     | 0,13                | 0,43                 | 1,22    | 5,50        | 1,3                         | 64,0          | 32,9          |
| W 6065          | 66,6    | 3,0     | 137     | 0,19                | 0,58                 | 1,47    | 6,62        | 1,29                        | 77,0          | 39,8          |
| W 6075          | 76,6    | 3,0     | 137     | 0,22                | 0,66                 | 1,67    | 7,57        | 1,29                        | 88,0          | 45,5          |
| W 6085          | 86,6    | 3,0     | 137     | 0,24                | 0,74                 | 1,88    | 8,34        | 1,3                         | 97,0          | 49,9          |

# SUIT H

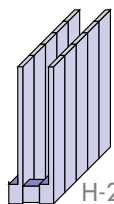
| MODELLO<br>SUIT H | H<br>cm | L<br>(da - a) cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | S<br>% | EN 442 - Valori al metro lineare |               |               |
|-------------------|---------|------------------|---------|---------------------|----------------------|---------|-------------|--------|----------------------------------|---------------|---------------|
|                   |         |                  |         |                     |                      |         |             |        | n                                | Δt50k<br>watt | Δt30k<br>watt |
| H60               | 60,0    | 14-98            | 32      | 1,33                | 5,51                 | 19,36   | 26,06       | 40     | 1,28                             | 606           | 315           |
| HL60              | 60,0    | 14-98            | 62      | 5,65                | 6,29                 | 27,62   | 42,44       | 25     | 1,30                             | 987           | 507           |
| H60-2             | 60,0    | 14-98            | 103     | 2,66                | 11,33                | 38,42   | 43,30       | 25     | 1,30                             | 1007          | 518           |
| HLH60             | 60,0    | 14-98            | 103     | 6,98                | 11,80                | 47,00   | 60,54       | 20     | 1,34                             | 1408          | 707           |
| H80               | 80,0    | 14-98            | 32      | 1,73                | 6,97                 | 24,78   | 34,01       | 40     | 1,29                             | 791           | 409           |
| HL80              | 80,0    | 14-98            | 62      | 8,57                | 7,69                 | 39,05   | 53,38       | 25     | 1,32                             | 1264          | 642           |
| H80-2             | 80,0    | 14-98            | 103     | 3,46                | 14,31                | 49,60   | 55,08       | 25     | 1,31                             | 1281          | 655           |
| HLH80             | 80,0    | 14-98            | 103     | 10,37               | 14,73                | 61,83   | 75,42       | 20     | 1,35                             | 1754          | 875           |
| H100              | 100,0   | 14-98            | 32      | 2,14                | 8,45                 | 30,19   | 41,93       | 40     | 1,29                             | 976           | 505           |
| HL100             | 100,0   | 14-98            | 62      | 9,05                | 9,30                 | 47,91   | 65,58       | 25     | 1,33                             | 1526          | 771           |
| H100-2            | 100,0   | 14-98            | 103     | 4,28                | 17,17                | 60,73   | 66,61       | 25     | 1,31                             | 1549          | 792           |
| HLH100            | 100,0   | 14-98            | 103     | 11,20               | 17,75                | 78,10   | 91,76       | 20     | 1,36                             | 2134          | 1058          |
| H160              | 160,0   | 14-98            | 32      | 3,35                | 12,87                | 46,44   | 64,50       | 40     | 1,30                             | 1500          | 771           |
| HL160             | 160,0   | 14-98            | 62      | 16,30               | 13,93                | 80,51   | 96,54       | 25     | 1,35                             | 2245          | 1120          |
| H160-2            | 160,0   | 14-98            | 103     | 6,70                | 25,76                | 94,10   | 99,98       | 25     | 1,30                             | 2326          | 1196          |
| HLH160            | 160,0   | 14-98            | 103     | 19,65               | 26,80                | 126,95  | 132,36      | 20     | 1,39                             | 3079          | 1499          |
| H180              | 180,0   | 14-98            | 32      | 3,76                | 14,34                | 51,86   | 71,72       | 40     | 1,31                             | 1668          | 852           |
| HL180             | 180,0   | 14-98            | 62      | 19,30               | 15,47                | 91,37   | 105,74      | 25     | 1,36                             | 2459          | 1220          |
| H180-2            | 180,0   | 14-98            | 103     | 7,52                | 28,62                | 105,23  | 110,51      | 25     | 1,30                             | 2569          | 1320          |
| HLH180            | 180,0   | 14-98            | 103     | 23,06               | 29,81                | 143,23  | 145,69      | 20     | 1,40                             | 3388          | 1640          |
| H200              | 200,0   | 14-98            | 32      | 4,16                | 15,82                | 57,27   | 78,82       | 40     | 1,31                             | 1833          | 937           |
| HL200             | 200,0   | 14-98            | 62      | 22,29               | 17,07                | 103,43  | 113,95      | 25     | 1,36                             | 2650          | 1314          |
| H200-2            | 200,0   | 14-98            | 103     | 8,32                | 31,48                | 116,35  | 120,83      | 25     | 1,29                             | 2810          | 1453          |
| HLH200            | 200,0   | 14-98            | 103     | 26,45               | 32,89                | 160,70  | 158,11      | 20     | 1,41                             | 3678          | 1769          |
| H220              | 220,0   | 14-98            | 32      | 4,57                | 17,29                | 62,69   | 85,61       | 40     | 1,31                             | 1991          | 1017          |
| HL220             | 220,0   | 14-98            | 62      | 25,29               | 18,67                | 114,23  | 123,24      | 25     | 1,36                             | 2866          | 1422          |
| H220-2            | 220,0   | 14-98            | 103     | 9,14                | 34,34                | 127,48  | 130,76      | 25     | 1,28                             | 3041          | 1581          |
| HLH220            | 220,0   | 14-98            | 103     | 29,85               | 35,88                | 178,15  | 170,45      | 20     | 1,42                             | 3964          | 1942          |
| H240              | 240,0   | 14-98            | 32      | 4,97                | 18,78                | 68,11   | 92,24       | 40     | 1,31                             | 2145          | 1096          |
| H240-2            | 240,0   | 14-98            | 103     | 9,94                | 37,14                | 138,57  | 140,22      | 25     | 1,27                             | 3261          | 1706          |



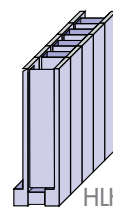
H



HL



H-2



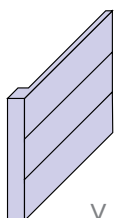
HLH



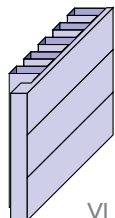
# SUIT V

EN 442 - Valori al metro lineare

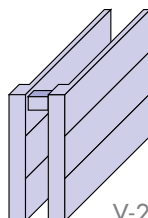
| MODELLO<br>SUIT V | H<br>cm | L<br>(da - a) cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | S<br>% | n    | Δt50k<br>watt | Δt30k<br>watt |
|-------------------|---------|------------------|---------|---------------------|----------------------|---------|-------------|--------|------|---------------|---------------|
| V28               | 28,0    | 50-240           | 32      | 0,62                | 2,35                 | 8,19    | 12,38       | 40     | 1,21 | 288           | 155           |
| VL28/28           | 28,0    | 50-240           | 62      | 3,70                | 2,54                 | 14,54   | 27,00       | 25     | 1,31 | 628           | 321           |
| V28-2             | 28,0    | 50-240           | 103     | 1,24                | 4,92                 | 16,37   | 21,97       | 25     | 1,28 | 511           | 266           |
| V35               | 35,0    | 50-240           | 32      | 0,77                | 3,05                 | 10,38   | 15,27       | 40     | 1,25 | 355           | 188           |
| VL35/35           | 35,0    | 50-240           | 62      | 4,67                | 3,17                 | 18,44   | 31,52       | 25     | 1,33 | 733           | 370           |
| V35-2             | 35,0    | 50-240           | 103     | 1,53                | 6,25                 | 20,85   | 26,49       | 25     | 1,28 | 616           | 320           |
| VLV35/35          | 35,0    | 50-240           | 103     | 5,44                | 6,36                 | 28,58   | 43,09       | 20     | 1,36 | 1002          | 497           |
| VL35/35-2         | 35,0    | 50-240           | 133     | 9,35                | 6,26                 | 36,43   | 58,57       | 15     | 1,36 | 1362          | 676           |
| V42               | 42,0    | 50-240           | 32      | 0,91                | 3,78                 | 12,55   | 18,66       | 40     | 1,28 | 434           | 226           |
| VL42/28           | 42,0    | 50-240           | 62      | 3,99                | 3,81                 | 18,63   | 32,68       | 25     | 1,32 | 760           | 386           |
| VL42/42           | 42,0    | 50-240           | 62      | 5,60                | 3,81                 | 22,18   | 35,86       | 25     | 1,35 | 834           | 416           |
| V42-2             | 42,0    | 50-240           | 103     | 1,83                | 7,91                 | 24,68   | 31,09       | 25     | 1,26 | 723           | 380           |
| VLV42/28          | 42,0    | 50-240           | 103     | 4,90                | 7,65                 | 31,09   | 45,92       | 20     | 1,35 | 1068          | 533           |
| VLV42/42          | 42,0    | 50-240           | 103     | 6,51                | 7,65                 | 34,21   | 48,98       | 20     | 1,38 | 1139          | 558           |
| VL42/28-2         | 42,0    | 50-240           | 133     | 7,98                | 7,52                 | 37,69   | 59,60       | 15     | 1,35 | 1386          | 692           |
| VL42/42-2         | 42,0    | 50-240           | 133     | 11,20               | 7,52                 | 43,54   | 66,01       | 15     | 1,39 | 1535          | 748           |
| V49               | 49,0    | 50-240           | 32      | 1,06                | 4,30                 | 14,58   | 21,16       | 40     | 1,28 | 492           | 256           |
| VL49/28           | 49,0    | 50-240           | 62      | 4,14                | 4,45                 | 20,64   | 35,39       | 25     | 1,33 | 823           | 416           |
| VL49/49           | 49,0    | 50-240           | 62      | 6,56                | 4,45                 | 25,91   | 40,03       | 25     | 1,36 | 931           | 462           |
| V49-2             | 49,0    | 50-240           | 103     | 2,12                | 8,89                 | 29,09   | 35,69       | 25     | 1,27 | 830           | 434           |
| VLV49/28          | 49,0    | 50-240           | 62      | 4,14                | 4,45                 | 20,64   | 35,39       | 25     | 1,33 | 1170          | 591           |
| VLV49/49          | 49,0    | 50-240           | 103     | 7,62                | 8,93                 | 39,83   | 54,65       | 20     | 1,39 | 1271          | 619           |
| VL49/28-2         | 49,0    | 50-240           | 133     | 8,28                | 8,76                 | 41,88   | 64,16       | 15     | 1,35 | 1492          | 745           |
| VL49/49-2         | 49,0    | 50-240           | 133     | 13,12               | 8,76                 | 50,65   | 73,01       | 15     | 1,41 | 1698          | 817           |
| V56               | 56,0    | 50-240           | 32      | 1,21                | 4,92                 | 16,68   | 23,69       | 40     | 1,28 | 551           | 287           |
| VL56/28           | 56,0    | 50-240           | 62      | 4,29                | 5,05                 | 22,79   | 38,18       | 25     | 1,33 | 888           | 448           |
| VL56/56           | 56,0    | 50-240           | 62      | 7,51                | 5,05                 | 29,72   | 43,95       | 25     | 1,38 | 1022          | 501           |
| V56-2             | 56,0    | 50-240           | 103     | 2,42                | 10,21                | 33,20   | 40,33       | 25     | 1,28 | 938           | 488           |
| VLV56/28          | 56,0    | 50-240           | 103     | 5,50                | 10,22                | 39,10   | 54,74       | 20     | 1,36 | 1273          | 631           |
| VLV56/56          | 56,0    | 50-240           | 103     | 8,72                | 10,22                | 45,37   | 59,94       | 20     | 1,41 | 1394          | 671           |
| VL56/28-2         | 56,0    | 50-240           | 133     | 8,58                | 10,06                | 45,97   | 68,76       | 15     | 1,35 | 1599          | 798           |
| VL56/56-2         | 56,0    | 50-240           | 133     | 15,02               | 10,06                | 57,66   | 79,46       | 15     | 1,43 | 1848          | 878           |
| V63               | 63,0    | 50-240           | 32      | 1,30                | 5,55                 | 18,79   | 26,23       | 40     | 1,29 | 610           | 315           |
| VL63/35           | 63,0    | 50-240           | 62      | 5,26                | 5,71                 | 26,55   | 43,04       | 25     | 1,34 | 1001          | 503           |
| VL63/63           | 63,0    | 50-240           | 62      | 8,46                | 5,71                 | 33,37   | 47,86       | 25     | 1,37 | 1113          | 549           |
| V63-2             | 63,0    | 50-240           | 103     | 2,72                | 11,53                | 37,32   | 44,89       | 25     | 1,28 | 1044          | 543           |
| VLV63/35          | 63,0    | 50-240           | 103     | 6,62                | 11,48                | 44,96   | 61,02       | 20     | 1,37 | 1419          | 700           |
| VLV63/63          | 63,0    | 50-240           | 103     | 9,82                | 11,48                | 51,08   | 65,06       | 20     | 1,42 | 1513          | 741           |
| VL63/35-2         | 63,0    | 50-240           | 133     | 10,52               | 11,25                | 53,05   | 76,88       | 15     | 1,37 | 1788          | 881           |
| VL63/63-2         | 63,0    | 50-240           | 133     | 16,92               | 11,25                | 64,87   | 85,53       | 15     | 1,43 | 1989          | 945           |
| V70               | 70,0    | 50-240           | 32      | 1,51                | 6,18                 | 20,89   | 27,99       | 40     | 1,29 | 651           | 337           |
| VL70/35           | 70,0    | 50-240           | 62      | 5,41                | 6,36                 | 28,57   | 45,71       | 25     | 1,34 | 1063          | 534           |
| VL70/70           | 70,0    | 50-240           | 62      | 6,20                | 6,36                 | 30,25   | 47,39       | 25     | 1,36 | 1196          | 593           |
| V70-2             | 70,0    | 50-240           | 103     | 3,01                | 12,85                | 41,44   | 49,36       | 25     | 1,28 | 1148          | 597           |
| VLV70/35          | 70,0    | 50-240           | 103     | 6,92                | 12,75                | 49,08   | 65,27       | 20     | 1,37 | 1518          | 748           |
| VLV70/70          | 70,0    | 50-240           | 103     | 10,93               | 12,75                | 56,77   | 69,79       | 20     | 1,42 | 1623          | 795           |
| VL70/35-2         | 70,0    | 50-240           | 133     | 10,82               | 12,43                | 57,24   | 80,97       | 15     | 1,38 | 1883          | 923           |
| VL70/70-2         | 70,0    | 50-240           | 133     | 18,84               | 12,43                | 72,04   | 90,82       | 15     | 1,43 | 2112          | 1003          |
| V77               | 77,0    | 50-240           | 32      | 1,65                | 6,80                 | 22,99   | 31,35       | 40     | 1,29 | 729           | 377           |
| VL77/35           | 77,0    | 50-240           | 62      | 5,55                | 6,97                 | 30,60   | 48,33       | 25     | 1,33 | 1124          | 568           |
| VL77/70           | 77,0    | 50-240           | 62      | 9,56                | 6,97                 | 38,84   | 53,66       | 25     | 1,38 | 1248          | 612           |
| V77-2             | 77,0    | 50-240           | 103     | 3,31                | 14,17                | 45,56   | 53,84       | 25     | 1,29 | 1252          | 647           |
| VLV77/35          | 77,0    | 50-240           | 103     | 7,20                | 14,00                | 53,20   | 69,40       | 20     | 1,37 | 1614          | 796           |
| VLV77/70          | 77,0    | 50-240           | 103     | 11,21               | 14,00                | 61,02   | 74,39       | 20     | 1,42 | 1730          | 827           |
| VL77/35-2         | 77,0    | 50-240           | 133     | 11,10               | 13,60                | 61,42   | 85,05       | 15     | 1,38 | 1978          | 969           |
| VL77/70-2         | 77,0    | 50-240           | 133     | 19,12               | 13,60                | 76,53   | 94,95       | 15     | 1,44 | 2208          | 1042          |
| V84               | 84,0    | 50-240           | 32      | 1,80                | 7,47                 | 25,00   | 33,84       | 40     | 1,29 | 787           | 407           |
| VL84/35           | 84,0    | 50-240           | 62      | 5,70                | 7,58                 | 32,61   | 50,74       | 25     | 1,33 | 1180          | 596           |
| VL84/70           | 84,0    | 50-240           | 62      | 9,71                | 7,58                 | 40,60   | 56,03       | 25     | 1,39 | 1303          | 635           |
| V84-2             | 84,0    | 50-240           | 103     | 3,60                | 15,24                | 49,70   | 58,27       | 25     | 1,29 | 1355          | 701           |
| VLV84/35          | 84,0    | 50-240           | 103     | 7,50                | 15,22                | 57,39   | 73,36       | 20     | 1,37 | 1706          | 841           |
| VLV84/70          | 84,0    | 50-240           | 103     | 11,51               | 15,22                | 65,27   | 79,08       | 20     | 1,41 | 1839          | 885           |
| VL84/35-2         | 84,0    | 50-240           | 133     | 11,40               | 14,78                | 65,71   | 88,88       | 15     | 1,38 | 2067          | 1013          |
| VL84/70-2         | 84,0    | 50-240           | 133     | 19,42               | 14,78                | 81,14   | 99,20       | 15     | 1,44 | 2307          | 1089          |



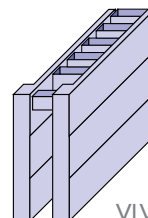
V



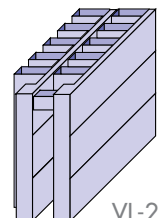
VL



V-2



VLV



VL-2

# SUIT V

| MODELLO<br>SUIT V | H<br>cm | L<br>(da - a) cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | S<br>% | EN 442 - Valori al metro lineare |               |               |
|-------------------|---------|------------------|---------|---------------------|----------------------|---------|-------------|--------|----------------------------------|---------------|---------------|
|                   |         |                  |         |                     |                      |         |             |        | n                                | Δt50k<br>watt | Δt30k<br>watt |
| V91               | 91,0    | 50-240           | 32      | 1,95                | 8,05                 | 27,19   | 36,46       | 40     | 1,29                             | 848           | 438           |
| V91-2             | 91,0    | 50-240           | 103     | 3,90                | 16,81                | 53,80   | 62,69       | 25     | 1,29                             | 1458          | 754           |
| V98               | 98,0    | 50-240           | 32      | 2,10                | 8,68                 | 29,29   | 38,96       | 40     | 1,30                             | 906           | 466           |
| V98-2             | 98,0    | 50-240           | 103     | 4,20                | 18,13                | 57,91   | 67,08       | 25     | 1,29                             | 1560          | 807           |
| V105              | 105,0   | 50-240           | 32      | 2,25                | 9,31                 | 31,39   | 41,58       | 40     | 1,30                             | 967           | 497           |
| V105-2            | 102,0   | 50-240           | 103     | 4,49                | 19,45                | 62,03   | 71,29       | 25     | 1,29                             | 1658          | 857           |
| V112              | 112,0   | 50-240           | 32      | 2,39                | 9,93                 | 33,50   | 44,20       | 40     | 1,30                             | 1028          | 528           |
| V112-2            | 112,0   | 50-240           | 103     | 4,79                | 20,76                | 66,15   | 75,59       | 25     | 1,29                             | 1758          | 909           |
| V119              | 119,0   | 50-240           | 32      | 2,54                | 10,56                | 35,60   | 46,87       | 40     | 1,30                             | 1090          | 560           |
| V119-2            | 119,0   | 50-240           | 103     | 5,08                | 22,08                | 70,27   | 79,81       | 25     | 1,29                             | 1856          | 960           |
| V126              | 126,0   | 50-240           | 32      | 2,69                | 11,18                | 37,70   | 49,45       | 40     | 1,31                             | 1150          | 588           |
| V126-2            | 126,0   | 50-240           | 103     | 5,38                | 23,40                | 74,39   | 84,02       | 25     | 1,30                             | 1954          | 1004          |
| V133              | 133,0   | 50-240           | 32      | 2,84                | 11,81                | 39,80   | 52,12       | 40     | 1,31                             | 1212          | 619           |
| V133-2            | 133,0   | 50-240           | 103     | 5,68                | 24,72                | 78,50   | 88,19       | 25     | 1,30                             | 2051          | 1054          |
| V140              | 140,0   | 50-240           | 32      | 2,99                | 12,43                | 41,90   | 54,83       | 40     | 1,31                             | 1275          | 652           |
| V140-2            | 140,0   | 50-240           | 103     | 5,97                | 26,04                | 82,62   | 92,28       | 25     | 1,30                             | 2146          | 1103          |

## SPH - PLATT (PIASTRE VERTICALI) / SPV - PLATT (PIASTRE ORIZZONTALI)

INOX - FOGLIA DORATA/ARGENTO - S-EVID - S-LUX - SIMIL - SO-FLEX - CONTINUUM - STRUTTURA ALTA - STROP  
 CONFINI - PERCORSO - ERUZIONE - ORME - KYWX - TERRA LUNARE - TERRA - GRAFFI - GRAFFI DI LUNA

| MODELLO    | H<br>cm | L<br>(da - a) cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | S<br>% | EN 442 - Valori per metro lineare |               |               |
|------------|---------|------------------|---------|---------------------|----------------------|---------|-------------|--------|-----------------------------------|---------------|---------------|
|            |         |                  |         |                     |                      |         |             |        | n                                 | Δt50k<br>watt | Δt30k<br>watt |
| SPH 160    | 160,5   | 28-84            | 37      | 3,35                | 12,87                | 63,24   | 64,50       | 40     | 1,30                              | 1500          | 771           |
| SPLH 160   | 160,5   | 28-84            | 62      | 16,30               | 13,93                | 97,31   | 96,54       | 25     | 1,35                              | 2245          | 1120          |
| SPH 180    | 180,5   | 28-84            | 37      | 3,76                | 14,34                | 70,67   | 71,72       | 40     | 1,31                              | 1668          | 852           |
| SPLH 180   | 180,5   | 28-84            | 62      | 19,30               | 15,47                | 110,18  | 105,74      | 25     | 1,36                              | 2459          | 1220          |
| SPH 190    | 190,5   | 42-63            | 37      | 3,96                | 15,08                | 74,38   | 75,27       | 40     | 1,31                              | 1750          | 895           |
| SPLH 190   | 190,5   | 49-56            | 62      | 20,80               | 16,08                | 117,22  | 109,85      | 25     | 1,36                              | 2555          | 1267          |
| SPH 200    | 200,5   | 28-84            | 37      | 4,16                | 15,82                | 78,09   | 78,82       | 40     | 1,31                              | 1833          | 937           |
| SPLH 200   | 200,5   | 28-84            | 62      | 22,29               | 17,07                | 124,25  | 113,95      | 25     | 1,36                              | 2650          | 1314          |
| SPH 220    | 220,5   | 28-84            | 37      | 4,57                | 17,29                | 85,52   | 85,61       | 40     | 1,31                              | 1991          | 1017          |
| SPLH 220   | 220,5   | 28-84            | 62      | 25,29               | 18,67                | 137,06  | 123,24      | 25     | 1,36                              | 2866          | 1422          |
| SPH 240    | 240,5   | 28-84            | 37      | 4,97                | 18,78                | 92,95   | 92,24       | 40     | 1,31                              | 2145          | 1096          |
| SPV 35     | 35,5    | 50-240           | 37      | 0,77                | 3,05                 | 14,60   | 15,27       | 40     | 1,25                              | 355           | 187           |
| SPLV 35/35 | 35,5    | 50-240           | 62      | 4,67                | 3,17                 | 22,66   | 31,52       | 25     | 1,33                              | 733           | 370           |
| SPV 42     | 42,5    | 50-240           | 37      | 0,91                | 3,78                 | 17,48   | 18,66       | 40     | 1,28                              | 434           | 226           |
| SPLV 42/28 | 42,5    | 50-240           | 62      | 3,99                | 3,81                 | 23,56   | 32,68       | 25     | 1,32                              | 760           | 386           |
| SPLV 42/42 | 42,5    | 50-240           | 62      | 5,60                | 3,81                 | 27,11   | 35,86       | 40     | 1,35                              | 834           | 416           |
| SPV 49     | 49,5    | 50-240           | 37      | 1,06                | 4,30                 | 20,21   | 21,16       | 25     | 1,28                              | 492           | 256           |
| SPLV 49/28 | 49,5    | 50-240           | 62      | 4,14                | 4,45                 | 26,27   | 35,39       | 40     | 1,33                              | 823           | 384           |
| SPLV 49/49 | 49,5    | 50-240           | 62      | 6,56                | 4,45                 | 31,54   | 40,03       | 25     | 1,36                              | 931           | 462           |
| SPV 56     | 56,5    | 50-240           | 37      | 1,21                | 4,92                 | 23,02   | 23,69       | 40     | 1,28                              | 551           | 287           |
| SPLV 56/28 | 56,5    | 50-240           | 62      | 4,29                | 5,05                 | 29,13   | 38,18       | 25     | 1,33                              | 888           | 448           |
| SPLV 56/56 | 56,5    | 50-240           | 62      | 7,51                | 5,05                 | 36,06   | 43,95       | 40     | 1,38                              | 1022          | 501           |
| SPV 63     | 63,5    | 50-240           | 37      | 1,30                | 5,55                 | 25,83   | 26,23       | 25     | 1,29                              | 610           | 315           |
| SPLV 63/35 | 63,5    | 50-240           | 62      | 5,26                | 5,71                 | 33,59   | 43,04       | 40     | 1,34                              | 1001          | 503           |
| SPLV 63/63 | 63,5    | 50-240           | 62      | 8,46                | 5,71                 | 40,41   | 47,86       | 25     | 1,37                              | 1113          | 549           |
| SPV 70     | 70,5    | 50-240           | 37      | 1,51                | 6,18                 | 28,63   | 27,99       | 40     | 1,29                              | 651           | 337           |
| SPLV 70/35 | 70,5    | 50-240           | 62      | 5,41                | 6,36                 | 36,31   | 45,71       | 25     | 1,34                              | 1063          | 534           |
| SPLV 70/70 | 70,5    | 50-240           | 62      | 6,2                 | 6,36                 | 37,99   | 47,39       | 40     | 1,36                              | 1196          | 593           |
| SPV 77     | 77,5    | 50-240           | 37      | 1,65                | 6,80                 | 31,44   | 31,35       | 25     | 1,29                              | 729           | 377           |
| SPLV 77/35 | 77,5    | 50-240           | 62      | 5,55                | 6,97                 | 39,05   | 48,33       | 40     | 1,33                              | 1124          | 568           |
| SPLV 77/70 | 77,5    | 50-240           | 62      | 9,56                | 6,97                 | 47,29   | 53,66       | 25     | 1,38                              | 1248          | 612           |
| SPV 84     | 84,5    | 50-240           | 37      | 1,80                | 7,47                 | 34,15   | 33,84       | 40     | 1,29                              | 787           | 407           |
| SPLV 84/35 | 84,5    | 50-240           | 62      | 5,70                | 7,58                 | 41,76   | 50,74       | 25     | 1,33                              | 1180          | 596           |
| SPLV 84/70 | 84,5    | 50-240           | 62      | 9,71                | 7,58                 | 49,75   | 56,03       | 40     | 1,39                              | 1303          | 635           |
| SPV 91     | 91,5    | 50-240           | 37      | 1,95                | 8,05                 | 37,05   | 36,46       | 25     | 1,29                              | 848           | 438           |

# C-PROLUX - SBARRA UP

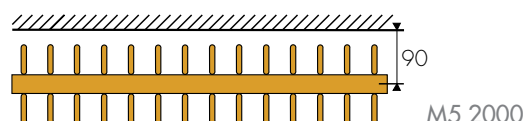
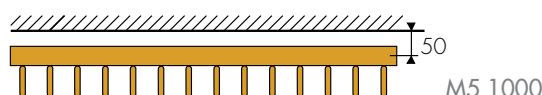
| MODELLO<br>CONVETTORE | H<br>cm | L<br>(da - a) cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | S<br>% | EN 442 - Valori al metro lineare |               |               |
|-----------------------|---------|------------------|---------|---------------------|----------------------|---------|-------------|--------|----------------------------------|---------------|---------------|
|                       |         |                  |         |                     |                      |         |             |        | n                                | Δt50k<br>watt | Δt30k<br>watt |
| C 7/L                 | 7,0     | 50-600           | 61      | 0,99                | 0,55                 | 3,65    | 19,69       | 25     | 1,12                             | 229           | 130           |
| C7-2                  | 7,0     | 50-600           | 72      | 1,08                | 1,15                 | 6,00    | 29,06       | 15     | 1,15                             | 338           | 188           |
| C 7-2/L               | 7,0     | 50-600           | 122     | 1,91                | 1,15                 | 7,30    | 39,81       | 15     | 1,14                             | 463           | 259           |
| C7-3                  | 7,0     | 50-600           | 133     | 2,01                | 1,80                 | 9,20    | 51,42       | 12     | 1,18                             | 598           | 328           |
| C 7-3/L               | 7,0     | 50-600           | 183     | 2,84                | 1,80                 | 10,45   | 60,44       | 10     | 1,17                             | 703           | 387           |
| C 7-4                 | 7,0     | 50-600           | 194     | 3,10                | 2,50                 | 13,75   | 73,86       | 10     | 1,21                             | 859           | 463           |
| C 7-4/L               | 7,0     | 50-600           | 244     | 3,25                | 2,50                 | 13,50   | 81,60       | 8      | 1,20                             | 949           | 514           |
| C 7-5                 | 7,0     | 50-600           | 255     | 3,89                | 3,30                 | 17,50   | 96,64       | 8      | 1,23                             | 1124          | 599           |
| C 7-5/L               | 7,0     | 50-600           | 305     | 4,04                | 3,30                 | 18,75   | 104,47      | 8      | 1,22                             | 1215          | 651           |
| C 14/L                | 14,0    | 50-600           | 61      | 1,98                | 1,15                 | 7,35    | 30,95       | 25     | 1,24                             | 360           | 191           |
| C 14-2                | 14,0    | 50-600           | 72      | 2,19                | 2,35                 | 12,00   | 46,26       | 15     | 1,27                             | 538           | 281           |
| C 14-2/L              | 14,0    | 50-600           | 122     | 3,80                | 2,35                 | 14,65   | 60,96       | 15     | 1,21                             | 709           | 382           |
| C 14-3                | 14,0    | 50-600           | 133     | 4,02                | 3,50                 | 18,35   | 74,89       | 12     | 1,24                             | 871           | 462           |
| C 14-3/L              | 14,0    | 50-600           | 183     | 5,20                | 3,50                 | 20,85   | 90,11       | 10     | 1,23                             | 1048          | 559           |
| C 14-4                | 14,0    | 50-600           | 194     | 6,20                | 5,00                 | 27,45   | 106,53      | 10     | 1,26                             | 1239          | 652           |
| C 14-4/L              | 14,0    | 50-600           | 244     | 7,45                | 5,00                 | 30,70   | 119,94      | 8      | 1,25                             | 1395          | 737           |
| C 14-5                | 14,0    | 50-600           | 255     | 7,78                | 6,65                 | 36,65   | 138,94      | 8      | 1,28                             | 1616          | 840           |
| C 14-5/L              | 14,0    | 50-600           | 305     | 9,03                | 6,65                 | 39,90   | 152,10      | 8      | 1,29                             | 1769          | 915           |
| C 21/L                | 21,0    | 50-600           | 61      | 2,96                | 1,70                 | 10,90   | 43,25       | 25     | 1,26                             | 503           | 265           |
| C 21-2                | 21,0    | 50-600           | 72      | 3,28                | 3,50                 | 18,00   | 62,08       | 15     | 1,30                             | 722           | 371           |
| C 21-2/L              | 21,0    | 50-600           | 122     | 5,84                | 3,50                 | 21,00   | 81,60       | 15     | 1,28                             | 949           | 493           |
| C 21-3                | 21,0    | 50-600           | 133     | 6,07                | 5,30                 | 27,00   | 97,85       | 12     | 1,29                             | 1138          | 588           |
| C 21-3/L              | 21,0    | 50-600           | 183     | 8,55                | 5,30                 | 31,00   | 119,08      | 10     | 1,29                             | 1385          | 716           |
| C 21-4                | 21,0    | 50-600           | 194     | 8,93                | 7,50                 | 41,25   | 138,69      | 10     | 1,31                             | 1613          | 824           |
| C 21-4/L              | 21,0    | 50-600           | 244     | 11,30               | 7,50                 | 46,00   | 157,52      | 8      | 1,30                             | 1832          | 942           |
| C 21-5                | 21,0    | 50-600           | 255     | 11,75               | 9,90                 | 54,00   | 180,56      | 8      | 1,32                             | 2100          | 1067          |
| C 21-5/L              | 21,0    | 50-600           | 305     | 14,12               | 9,90                 | 58,75   | 197,84      | 8      | 1,34                             | 2301          | 1155          |
| C 28/L                | 28,0    | 50-600           | 61      | 3,85                | 2,52                 | 16,40   | 53,54       | 25     | 1,28                             | 646           | 336           |
| C 28-2                | 28,0    | 50-600           | 72      | 4,35                | 5,17                 | 22,60   | 73,51       | 15     | 1,34                             | 855           | 429           |
| C 28-2/L              | 28,0    | 50-600           | 122     | 6,84                | 5,17                 | 28,00   | 101,63      | 15     | 1,35                             | 1182          | 590           |
| C 28-3                | 28,0    | 50-600           | 133     | 8,05                | 7,75                 | 39,00   | 120,37      | 12     | 1,35                             | 1400          | 699           |
| C 28-3/L              | 28,0    | 50-600           | 183     | 11,47               | 7,75                 | 44,60   | 147,46      | 10     | 1,35                             | 1715          | 856           |
| C 28-4                | 28,0    | 50-600           | 194     | 11,85               | 11,00                | 50,60   | 170,16      | 10     | 1,36                             | 1979          | 982           |
| C 28-4/L              | 28,0    | 50-600           | 244     | 15,13               | 11,00                | 61,75   | 194,49      | 8      | 1,35                             | 2262          | 1129          |
| C 28-5                | 28,0    | 50-600           | 255     | 15,56               | 14,99                | 72,05   | 221,40      | 8      | 1,37                             | 2575          | 1269          |
| C 28-5/L              | 28,0    | 50-600           | 305     | 18,93               | 14,99                | 88,20   | 228,97      | 8      | 1,39                             | 2663          | 1297          |

| MODELLO       | H<br>cm | L<br>cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | n    | EN 442 - Valori per calorifero |               |
|---------------|---------|---------|---------|---------------------|----------------------|---------|-------------|------|--------------------------------|---------------|
|               |         |         |         |                     |                      |         |             |      | Δt50k<br>watt                  | Δt30k<br>watt |
| SB-UP1 180- 8 | 180,0   | 8       | 46      | 0,4                 | 2,4                  | 4,10    | 17          | 1,24 | 197                            | 104           |
| SB-UP1 180-18 | 180,0   | 18      | 46      | 0,7                 | 4,7                  | 8,20    | 33          | 1,24 | 378                            | 200           |
| SB-UP1 180-28 | 180,0   | 28      | 46      | 1,1                 | 7,1                  | 12,30   | 47          | 1,24 | 543                            | 288           |
| SB-UP1 200- 8 | 200,0   | 8       | 46      | 0,4                 | 2,6                  | 4,50    | 19          | 1,24 | 219                            | 116           |
| SB-UP1 200-18 | 200,0   | 18      | 46      | 0,8                 | 5,2                  | 9,10    | 36          | 1,24 | 420                            | 223           |
| SB-UP1 200-28 | 200,0   | 28      | 46      | 1,2                 | 7,9                  | 13,60   | 52          | 1,24 | 603                            | 320           |
| SB-UP1 220- 8 | 220,0   | 8       | 46      | 0,4                 | 2,9                  | 5,00    | 21          | 1,24 | 240                            | 127           |
| SB-UP1 220-18 | 220,0   | 18      | 46      | 0,9                 | 5,8                  | 10,00   | 40          | 1,24 | 462                            | 245           |
| SB-UP1 220-28 | 220,0   | 28      | 46      | 1,3                 | 8,6                  | 15,00   | 57          | 1,24 | 664                            | 352           |
| SB-UP2 180- 8 | 180,0   | 8       | 80      | 0,7                 | 4,7                  | 8,20    | 28          | 1,24 | 323                            | 171           |
| SB-UP2 180-18 | 180,0   | 18      | 80      | 1,4                 | 9,4                  | 16,30   | 53          | 1,24 | 619                            | 328           |
| SB-UP2 180-28 | 180,0   | 28      | 80      | 2,2                 | 14,1                 | 24,50   | 76          | 1,24 | 884                            | 469           |
| SB-UP2 200- 8 | 200,0   | 8       | 80      | 0,8                 | 5,2                  | 9,10    | 31          | 1,24 | 359                            | 190           |
| SB-UP2 200-18 | 200,0   | 18      | 80      | 1,6                 | 10,5                 | 18,20   | 59          | 1,24 | 688                            | 365           |
| SB-UP2 200-28 | 200,0   | 28      | 80      | 2,4                 | 15,7                 | 27,20   | 84          | 1,24 | 982                            | 520           |
| SB-UP2 220- 8 | 220,0   | 8       | 80      | 0,9                 | 5,8                  | 10,00   | 34          | 1,24 | 394                            | 209           |
| SB-UP2 220-18 | 220,0   | 18      | 80      | 1,8                 | 11,5                 | 20,00   | 65          | 1,24 | 757                            | 401           |
| SB-UP2 220-28 | 220,0   | 28      | 80      | 2,6                 | 17,3                 | 30,00   | 93          | 1,24 | 1081                           | 573           |
| SB-UP3 180- 8 | 180,0   | 8       | 140     | 1,1                 | 7,1                  | 12,30   | 39          | 1,24 | 449                            | 238           |
| SB-UP3 180-18 | 180,0   | 18      | 140     | 2,2                 | 14,1                 | 24,50   | 74          | 1,24 | 861                            | 456           |
| SB-UP3 180-28 | 180,0   | 28      | 140     | 3,2                 | 21,2                 | 36,80   | 106         | 1,24 | 1238                           | 656           |
| SB-UP3 200- 8 | 200,0   | 8       | 140     | 1,2                 | 7,9                  | 13,60   | 43          | 1,24 | 498                            | 264           |
| SB-UP3 200-18 | 200,0   | 18      | 140     | 2,4                 | 15,7                 | 27,20   | 82          | 1,24 | 957                            | 507           |
| SB-UP3 200-28 | 200,0   | 28      | 140     | 3,6                 | 23,6                 | 40,90   | 118         | 1,24 | 1376                           | 729           |
| SB-UP3 220- 8 | 220,0   | 8       | 140     | 1,3                 | 8,6                  | 15,00   | 47          | 1,24 | 548                            | 290           |
| SB-UP3 220-18 | 220,0   | 18      | 140     | 2,6                 | 17,3                 | 30,00   | 91          | 1,24 | 1053                           | 558           |
| SB-UP3 220-28 | 220,0   | 28      | 140     | 4,0                 | 25,9                 | 44,90   | 130         | 1,24 | 1513                           | 802           |

# META M5

EN 442 - Valori per elemento

| MODELLO    | H<br>cm | N<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | S<br>% | n    | Δt50k<br>watt | Δt30k<br>watt | MODELLO    | H<br>cm | N<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | S<br>% | n    | Δt50k<br>watt | Δt30k<br>watt |
|------------|---------|---------|---------------------|----------------------|---------|-------------|--------|------|---------------|---------------|------------|---------|---------|---------------------|----------------------|---------|-------------|--------|------|---------------|---------------|
| M5 1030-30 | 30      | 30      | 0,04                | 0,14                 | 0,47    | 1,59        | 30     | 1,24 | 18,6          | 9,9           | M5 2030-30 | 30      | 30      | 0,08                | 0,23                 | 0,86    | 2,67        | 25     | 1,26 | 31,0          | 16,3          |
| M5 1030-35 | 30      | 35      | 0,04                | 0,14                 | 0,49    | 1,65        | 30     | 1,23 | 19,3          | 10,3          | M5 2030-35 | 30      | 35      | 0,08                | 0,23                 | 0,88    | 2,76        | 25     | 1,25 | 32,1          | 16,9          |
| M5 1030-40 | 30      | 40      | 0,04                | 0,15                 | 0,51    | 1,72        | 30     | 1,22 | 20,0          | 10,7          | M5 2030-40 | 30      | 40      | 0,08                | 0,24                 | 0,90    | 2,86        | 25     | 1,24 | 33,3          | 17,6          |
| M5 1030-45 | 30      | 45      | 0,04                | 0,15                 | 0,53    | 1,79        | 30     | 1,21 | 20,9          | 11,3          | M5 2030-45 | 30      | 45      | 0,08                | 0,24                 | 0,92    | 2,96        | 25     | 1,23 | 34,5          | 18,4          |
| M5 1030-50 | 30      | 50      | 0,04                | 0,16                 | 0,55    | 1,87        | 30     | 1,21 | 21,7          | 11,7          | M5 2030-50 | 30      | 50      | 0,08                | 0,25                 | 0,93    | 3,07        | 25     | 1,23 | 35,7          | 19,0          |
| M5 1030-55 | 30      | 55      | 0,04                | 0,16                 | 0,57    | 1,93        | 30     | 1,21 | 22,5          | 12,1          | M5 2030-55 | 30      | 55      | 0,08                | 0,26                 | 0,95    | 3,16        | 25     | 1,23 | 36,9          | 19,7          |
| M5 1030-60 | 30      | 60      | 0,05                | 0,17                 | 0,58    | 2,00        | 30     | 1,22 | 23,3          | 12,5          | M5 2030-60 | 30      | 60      | 0,08                | 0,27                 | 0,96    | 3,26        | 25     | 1,24 | 38,0          | 20,1          |
| M5 1030-65 | 30      | 65      | 0,05                | 0,17                 | 0,60    | 2,07        | 30     | 1,22 | 24,1          | 12,9          | M5 2030-65 | 30      | 65      | 0,08                | 0,27                 | 0,98    | 3,36        | 25     | 1,24 | 39,1          | 20,7          |
| M5 1030-70 | 30      | 70      | 0,05                | 0,18                 | 0,61    | 2,14        | 30     | 1,22 | 24,9          | 13,3          | M5 2030-70 | 30      | 70      | 0,08                | 0,28                 | 1,00    | 3,46        | 25     | 1,24 | 40,2          | 21,3          |
| M5 1035-30 | 35      | 30      | 0,05                | 0,15                 | 0,54    | 1,79        | 30     | 1,24 | 20,9          | 11,1          | M5 2035-30 | 35      | 30      | 0,08                | 0,26                 | 0,99    | 3,06        | 25     | 1,26 | 35,6          | 18,7          |
| M5 1035-35 | 35      | 35      | 0,05                | 0,15                 | 0,56    | 1,86        | 30     | 1,23 | 21,7          | 11,6          | M5 2035-35 | 35      | 35      | 0,08                | 0,26                 | 1,05    | 3,16        | 25     | 1,25 | 36,8          | 19,4          |
| M5 1035-40 | 35      | 40      | 0,05                | 0,16                 | 0,58    | 1,94        | 30     | 1,22 | 22,5          | 12,1          | M5 2035-40 | 35      | 40      | 0,09                | 0,27                 | 1,02    | 3,27        | 25     | 1,24 | 38,0          | 20,1          |
| M5 1035-45 | 35      | 45      | 0,05                | 0,16                 | 0,60    | 2,01        | 30     | 1,22 | 23,4          | 12,5          | M5 2035-45 | 35      | 45      | 0,09                | 0,27                 | 1,04    | 3,38        | 25     | 1,23 | 39,1          | 20,8          |
| M5 1035-50 | 35      | 50      | 0,05                | 0,17                 | 0,61    | 2,08        | 30     | 1,21 | 24,2          | 13,0          | M5 2035-50 | 35      | 50      | 0,09                | 0,28                 | 1,05    | 3,46        | 25     | 1,23 | 40,3          | 21,5          |
| M5 1035-55 | 35      | 55      | 0,05                | 0,18                 | 0,63    | 2,14        | 30     | 1,21 | 25,0          | 13,5          | M5 2035-55 | 35      | 55      | 0,09                | 0,29                 | 1,07    | 3,54        | 25     | 1,23 | 41,3          | 22,0          |
| M5 1035-60 | 35      | 60      | 0,05                | 0,19                 | 0,64    | 2,21        | 30     | 1,22 | 25,8          | 13,8          | M5 2035-60 | 35      | 60      | 0,09                | 0,30                 | 1,09    | 3,63        | 25     | 1,24 | 42,3          | 22,4          |
| M5 1035-65 | 35      | 65      | 0,05                | 0,19                 | 0,66    | 2,28        | 30     | 1,22 | 26,6          | 14,3          | M5 2035-65 | 35      | 65      | 0,09                | 0,30                 | 1,11    | 3,72        | 25     | 1,24 | 43,3          | 22,9          |
| M5 1035-70 | 35      | 70      | 0,05                | 0,20                 | 0,68    | 2,35        | 30     | 1,22 | 27,4          | 14,7          | M5 2035-70 | 35      | 70      | 0,09                | 0,31                 | 1,12    | 3,81        | 25     | 1,24 | 44,3          | 23,5          |
| M5 1040-30 | 40      | 30      | 0,05                | 0,16                 | 0,61    | 1,97        | 30     | 1,24 | 23,0          | 12,2          | M5 2040-30 | 40      | 30      | 0,10                | 0,29                 | 1,11    | 3,39        | 25     | 1,26 | 39,4          | 20,7          |
| M5 1040-35 | 40      | 35      | 0,05                | 0,17                 | 0,63    | 2,05        | 30     | 1,23 | 23,8          | 12,7          | M5 2040-35 | 40      | 35      | 0,10                | 0,29                 | 1,13    | 3,49        | 25     | 1,25 | 40,7          | 21,5          |
| M5 1040-40 | 40      | 40      | 0,05                | 0,18                 | 0,64    | 2,13        | 30     | 1,23 | 24,7          | 13,2          | M5 2040-40 | 40      | 40      | 0,10                | 0,30                 | 1,15    | 3,60        | 25     | 1,25 | 41,9          | 22,1          |
| M5 1040-45 | 40      | 45      | 0,05                | 0,18                 | 0,66    | 2,20        | 30     | 1,22 | 25,6          | 13,7          | M5 2040-45 | 40      | 45      | 0,10                | 0,31                 | 1,17    | 3,71        | 25     | 1,24 | 43,2          | 22,9          |
| M5 1040-50 | 40      | 50      | 0,06                | 0,19                 | 0,67    | 2,28        | 30     | 1,21 | 26,5          | 14,3          | M5 2040-50 | 40      | 50      | 0,10                | 0,32                 | 1,18    | 3,82        | 25     | 1,23 | 44,4          | 23,7          |
| M5 1040-55 | 40      | 55      | 0,06                | 0,19                 | 0,70    | 2,35        | 30     | 1,21 | 27,3          | 14,7          | M5 2040-55 | 40      | 55      | 0,10                | 0,32                 | 1,19    | 3,91        | 25     | 1,24 | 45,5          | 24,1          |
| M5 1040-60 | 40      | 60      | 0,06                | 0,20                 | 0,71    | 2,42        | 30     | 1,22 | 28,2          | 15,1          | M5 2040-60 | 40      | 60      | 0,10                | 0,33                 | 1,21    | 4,00        | 25     | 1,24 | 46,5          | 24,6          |
| M5 1040-65 | 40      | 65      | 0,06                | 0,21                 | 0,73    | 2,49        | 30     | 1,22 | 29,0          | 15,5          | M5 2040-65 | 40      | 65      | 0,10                | 0,33                 | 1,23    | 4,09        | 25     | 1,24 | 47,6          | 25,2          |
| M5 1040-70 | 40      | 70      | 0,06                | 0,22                 | 0,74    | 2,57        | 30     | 1,22 | 29,9          | 16,0          | M5 2040-70 | 40      | 70      | 0,10                | 0,34                 | 1,24    | 4,19        | 25     | 1,24 | 48,7          | 25,8          |
| M5 1045-30 | 45      | 30      | 0,06                | 0,18                 | 0,67    | 2,21        | 30     | 1,24 | 25,7          | 13,6          | M5 2045-30 | 45      | 30      | 0,11                | 0,32                 | 1,24    | 3,82        | 25     | 1,26 | 44,4          | 23,4          |
| M5 1045-35 | 45      | 35      | 0,06                | 0,18                 | 0,69    | 2,28        | 30     | 1,23 | 26,6          | 14,2          | M5 2045-35 | 45      | 35      | 0,11                | 0,33                 | 1,26    | 3,92        | 25     | 1,25 | 45,6          | 24,1          |
| M5 1045-40 | 45      | 40      | 0,06                | 0,19                 | 0,70    | 2,36        | 30     | 1,23 | 27,4          | 14,6          | M5 2045-40 | 45      | 40      | 0,11                | 0,34                 | 1,27    | 4,02        | 25     | 1,25 | 46,7          | 24,7          |
| M5 1045-45 | 45      | 45      | 0,06                | 0,20                 | 0,72    | 2,43        | 30     | 1,22 | 28,2          | 15,1          | M5 2045-45 | 45      | 45      | 0,11                | 0,34                 | 1,29    | 4,11        | 25     | 1,24 | 47,8          | 25,3          |
| M5 1045-50 | 45      | 50      | 0,06                | 0,21                 | 0,73    | 2,50        | 30     | 1,21 | 29,1          | 15,7          | M5 2045-50 | 45      | 50      | 0,11                | 0,35                 | 1,30    | 4,21        | 25     | 1,23 | 49,0          | 26,1          |
| M5 1045-55 | 45      | 55      | 0,06                | 0,21                 | 0,75    | 2,56        | 30     | 1,21 | 29,8          | 16,1          | M5 2045-55 | 45      | 55      | 0,11                | 0,35                 | 1,32    | 4,29        | 25     | 1,23 | 49,9          | 26,6          |
| M5 1045-60 | 45      | 60      | 0,06                | 0,22                 | 0,77    | 2,63        | 30     | 1,22 | 30,6          | 16,4          | M5 2045-60 | 45      | 60      | 0,11                | 0,36                 | 1,34    | 4,38        | 25     | 1,24 | 50,9          | 27,0          |
| M5 1045-65 | 45      | 65      | 0,06                | 0,22                 | 0,79    | 2,70        | 30     | 1,22 | 31,4          | 16,8          | M5 2045-65 | 45      | 65      | 0,11                | 0,36                 | 1,36    | 4,46        | 25     | 1,24 | 51,9          | 27,5          |
| M5 1045-70 | 45      | 70      | 0,06                | 0,23                 | 0,80    | 2,77        | 30     | 1,22 | 32,2          | 17,3          | M5 2045-70 | 45      | 70      | 0,12                | 0,37                 | 1,37    | 4,55        | 25     | 1,24 | 52,9          | 28,0          |
| M5 1050-30 | 50      | 30      | 0,06                | 0,20                 | 0,73    | 2,41        | 30     | 1,24 | 28,0          | 14,8          | M5 2050-30 | 50      | 30      | 0,12                | 0,35                 | 1,36    | 4,16        | 25     | 1,26 | 48,4          | 25,5          |
| M5 1050-35 | 50      | 35      | 0,06                | 0,20                 | 0,75    | 2,48        | 30     | 1,23 | 28,9          | 15,4          | M5 2050-35 | 50      | 35      | 0,12                | 0,36                 | 1,38    | 4,27        | 25     | 1,25 | 49,7          | 26,2          |
| M5 1050-40 | 50      | 40      | 0,06                | 0,21                 | 0,76    | 2,56        | 30     | 1,23 | 29,8          | 15,9          | M5 2050-40 | 50      | 40      | 0,12                | 0,37                 | 1,40    | 4,38        | 25     | 1,25 | 51,0          | 26,9          |
| M5 1050-45 | 50      | 45      | 0,06                | 0,21                 | 0,78    | 2,64        | 30     | 1,22 | 30,7          | 16,5          | M5 2050-45 | 50      | 45      | 0,12                | 0,37                 | 1,42    | 4,49        | 25     | 1,24 | 52,3          | 27,7          |
| M5 1050-50 | 50      | 50      | 0,07                | 0,22                 | 0,80    | 2,72        | 30     | 1,21 | 31,6          | 17,0          | M5 2050-50 | 50      | 50      | 0,12                | 0,38                 | 1,43    | 4,60        | 25     | 1,23 | 53,5          | 28,5          |
| M5 1050-55 | 50      | 55      | 0,07                | 0,22                 | 0,82    | 2,79        | 30     | 1,22 | 32,5          | 17,4          | M5 2050-55 | 50      | 55      | 0,12                | 0,38                 | 1,45    | 4,69        | 25     | 1,24 | 54,6          | 28,9          |
| M5 1050-60 | 50      | 60      | 0,07                | 0,23                 | 0,83    | 2,86        | 30     | 1,23 | 33,3          | 17,7          | M5 2050-60 | 50      | 60      | 0,12                | 0,39                 | 1,46    | 4,79        | 25     | 1,25 | 55,7          | 29,4          |
| M5 1050-65 | 50      | 65      | 0,07                | 0,24                 | 0,85    | 2,93        | 30     | 1,22 | 34,1          | 18,3          | M5 2050-65 | 50      | 65      | 0,12                | 0,40                 | 1,48    | 4,88        | 25     | 1,24 | 56,8          | 30,1          |
| M5 1050-70 | 50      | 70      | 0,07                | 0,25                 | 0,86    | 3,01        | 30     | 1,22 | 35,0          | 18,8          | M5 2050-70 | 50      | 70      | 0,13                | 0,41                 | 1,49    | 4,98        | 25     | 1,24 | 58,0          | 30,7          |
| M5 1055-30 | 55      | 30      | 0,07                | 0,21                 | 0,79    | 2,66        | 30     | 1,25 | 30,9          | 16,3          | M5 2055-30 | 55      | 30      | 0,13                | 0,39                 | 1,49    | 4,61        | 25     | 1,27 | 53,7          | 28,1          |
| M5 1055-35 | 55      | 35      | 0,07                | 0,21                 | 0,81    | 2,74        | 30     | 1,24 | 31,8          | 16,9          | M5 2055-35 | 55      | 35      | 0,13                | 0,39                 | 1,51    | 4,72        | 25     | 1,26 | 55,0          | 28,9          |
| M5 1055-40 | 55      | 40      | 0,07                | 0,22                 | 0,83    | 2,82        | 30     | 1,23 | 32,8          | 17,5          | M5 2055-40 | 55      | 40      | 0,13                | 0,40                 | 1,52    | 4,84        | 25     | 1,25 | 56,3          | 29,7          |
| M5 1055-45 | 55      | 45      | 0,07                | 0,23                 | 0,85    | 2,89        | 30     | 1,22 | 33,7          | 18,1          | M5 2055-45 | 55      | 45      | 0,13                | 0,40                 | 1,54    | 4,95        | 25     | 1,24 | 57,5          | 30,5          |
| M5 1055-50 | 55      | 50      | 0,07                | 0,24                 | 0,86    | 2,97        | 30     | 1,21 | 34,6          | 18,6          | M5 2055-50 | 55      | 50      | 0,13                | 0,41                 | 1,55    | 5,06        | 25     | 1,23 | 58,8          | 31,3          |
| M5 1055-55 | 55      | 55      | 0,07                | 0,24                 | 0,88    | 3,04        | 30     | 1,22 | 35,4          | 19,0          | M5 2055-55 | 55      | 55      | 0,13                | 0,41                 | 1,57    | 5,15        | 25     | 1,24 | 59,9          | 31,7          |
| M5 1055-60 | 55      | 60      | 0,07                | 0,25                 | 0,89    | 3,12        | 30     | 1,23 | 36,2          | 19,3          | M5 2055-60 | 55      | 60      | 0,14                | 0,42                 | 1,59    | 5,24        | 25     | 1,25 | 61,0          | 32,2          |
| M5 1055-65 | 55      | 65      | 0,07                | 0,25                 | 0,91    | 3,19        | 30     | 1,22 | 37,1          | 19,9          | M5 2055-65 | 55      | 65      | 0,14                | 0,43                 | 1,61    | 5,34        | 25     | 1,24 | 62,2          | 33,0          |
| M5 1055-70 | 55      | 70      | 0,08                | 0,26                 | 0,93    | 3,27        | 30     | 1,22 | 38,0          | 20,4          | M5 2055-70 | 55      | 70      | 0,14                | 0,44                 | 1,62    | 5,44        | 25     | 1,24 | 63,3          | 33,5          |

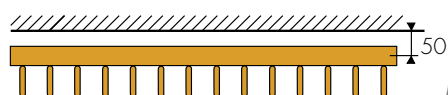




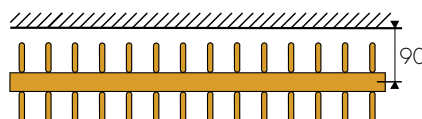
# META M5

EN 442 - Valori per elemento

| MODELLO    | H<br>cm | N<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | S<br>% | n    | Δt50k<br>watt | Δt30k<br>watt | MODELLO    | H<br>cm | N<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | S<br>% | n    | Δt50k<br>watt | Δt30k<br>watt |
|------------|---------|---------|---------------------|----------------------|---------|-------------|--------|------|---------------|---------------|------------|---------|---------|---------------------|----------------------|---------|-------------|--------|------|---------------|---------------|
| M5 1060-30 | 60      | 30      | 0,07                | 0,23                 | 0,86    | 2,84        | 30     | 1,25 | 33,0          | 17,4          | M5 2060-30 | 60      | 30      | 0,14                | 0,42                 | 1,61    | 4,94        | 25     | 1,27 | 57,5          | 30,1          |
| M5 1060-35 | 60      | 35      | 0,07                | 0,23                 | 0,88    | 2,92        | 30     | 1,24 | 34,0          | 18,0          | M5 2060-35 | 60      | 35      | 0,14                | 0,42                 | 1,62    | 5,06        | 25     | 1,26 | 58,9          | 31,0          |
| M5 1060-40 | 60      | 40      | 0,08                | 0,24                 | 0,89    | 3,01        | 30     | 1,23 | 35,0          | 18,7          | M5 2060-40 | 60      | 40      | 0,14                | 0,43                 | 1,64    | 5,18        | 25     | 1,25 | 60,3          | 31,8          |
| M5 1060-45 | 60      | 45      | 0,08                | 0,24                 | 0,91    | 3,09        | 30     | 1,22 | 35,9          | 19,2          | M5 2060-45 | 60      | 45      | 0,14                | 0,43                 | 1,66    | 5,30        | 25     | 1,24 | 61,7          | 32,7          |
| M5 1060-50 | 60      | 50      | 0,08                | 0,25                 | 0,92    | 3,17        | 30     | 1,21 | 36,9          | 19,9          | M5 2060-50 | 60      | 50      | 0,14                | 0,44                 | 1,68    | 5,42        | 25     | 1,23 | 63,0          | 33,6          |
| M5 1060-55 | 60      | 55      | 0,08                | 0,26                 | 0,94    | 3,25        | 30     | 1,22 | 37,8          | 20,3          | M5 2060-55 | 60      | 55      | 0,14                | 0,45                 | 1,69    | 5,52        | 25     | 1,24 | 64,2          | 34,0          |
| M5 1060-60 | 60      | 60      | 0,08                | 0,27                 | 0,95    | 3,32        | 30     | 1,23 | 38,6          | 20,6          | M5 2060-60 | 60      | 60      | 0,14                | 0,46                 | 1,71    | 5,62        | 25     | 1,25 | 65,4          | 34,5          |
| M5 1060-65 | 60      | 65      | 0,08                | 0,27                 | 0,97    | 3,40        | 30     | 1,22 | 39,5          | 21,2          | M5 2060-65 | 60      | 65      | 0,15                | 0,46                 | 1,72    | 5,73        | 25     | 1,24 | 66,7          | 35,4          |
| M5 1060-70 | 60      | 70      | 0,08                | 0,28                 | 0,99    | 3,48        | 30     | 1,22 | 40,5          | 21,7          | M5 2060-70 | 60      | 70      | 0,15                | 0,47                 | 1,74    | 5,84        | 25     | 1,24 | 67,9          | 36,0          |
| M5 1065-30 | 65      | 30      | 0,08                | 0,24                 | 0,92    | 3,03        | 30     | 1,25 | 35,3          | 18,6          | M5 2065-30 | 65      | 30      | 0,15                | 0,45                 | 1,74    | 5,29        | 25     | 1,27 | 61,6          | 32,2          |
| M5 1065-35 | 65      | 35      | 0,08                | 0,25                 | 0,94    | 3,11        | 30     | 1,24 | 36,4          | 19,3          | M5 2065-35 | 65      | 35      | 0,15                | 0,45                 | 1,75    | 5,33        | 25     | 1,26 | 63,2          | 33,2          |
| M5 1065-40 | 65      | 40      | 0,08                | 0,26                 | 0,95    | 3,22        | 30     | 1,23 | 37,4          | 19,9          | M5 2065-40 | 65      | 40      | 0,15                | 0,46                 | 1,77    | 5,57        | 25     | 1,25 | 64,8          | 34,2          |
| M5 1065-45 | 65      | 45      | 0,08                | 0,26                 | 0,97    | 3,31        | 30     | 1,22 | 38,5          | 20,6          | M5 2065-45 | 65      | 45      | 0,15                | 0,47                 | 1,78    | 5,71        | 25     | 1,24 | 66,4          | 35,2          |
| M5 1065-50 | 65      | 50      | 0,08                | 0,27                 | 0,98    | 3,41        | 30     | 1,22 | 39,6          | 21,2          | M5 2065-50 | 65      | 50      | 0,15                | 0,48                 | 1,80    | 5,85        | 25     | 1,24 | 68,0          | 36,0          |
| M5 1065-55 | 65      | 55      | 0,08                | 0,27                 | 1,00    | 3,49        | 30     | 1,22 | 40,6          | 21,8          | M5 2065-55 | 65      | 55      | 0,15                | 0,48                 | 1,82    | 5,96        | 25     | 1,24 | 69,4          | 36,8          |
| M5 1065-60 | 65      | 60      | 0,08                | 0,28                 | 1,02    | 3,57        | 30     | 1,23 | 41,6          | 22,2          | M5 2065-60 | 65      | 60      | 0,16                | 0,49                 | 1,84    | 6,08        | 25     | 1,25 | 70,7          | 37,3          |
| M5 1065-65 | 65      | 65      | 0,08                | 0,28                 | 1,35    | 3,66        | 30     | 1,22 | 42,6          | 22,8          | M5 2065-65 | 65      | 65      | 0,16                | 0,49                 | 1,85    | 6,21        | 25     | 1,24 | 72,2          | 38,3          |
| M5 1065-70 | 65      | 70      | 0,09                | 0,29                 | 1,05    | 3,75        | 30     | 1,22 | 43,6          | 23,4          | M5 2065-70 | 65      | 70      | 0,16                | 0,50                 | 1,87    | 6,34        | 25     | 1,24 | 73,7          | 39,1          |
| M5 1070-30 | 70      | 30      | 0,08                | 0,26                 | 0,98    | 3,21        | 30     | 1,25 | 37,3          | 19,7          | M5 2070-30 | 70      | 30      | 0,16                | 0,48                 | 1,86    | 5,61        | 25     | 1,27 | 65,3          | 34,2          |
| M5 1070-35 | 70      | 35      | 0,08                | 0,26                 | 1,00    | 3,31        | 30     | 1,24 | 38,5          | 20,4          | M5 2070-35 | 70      | 35      | 0,16                | 0,48                 | 1,87    | 5,77        | 25     | 1,26 | 67,2          | 35,3          |
| M5 1070-40 | 70      | 40      | 0,09                | 0,27                 | 1,01    | 3,42        | 30     | 1,23 | 39,8          | 21,2          | M5 2070-40 | 70      | 40      | 0,16                | 0,49                 | 1,89    | 5,94        | 25     | 1,25 | 69,1          | 36,5          |
| M5 1070-45 | 70      | 45      | 0,09                | 0,28                 | 1,30    | 3,52        | 30     | 1,22 | 41,0          | 22,0          | M5 2070-45 | 70      | 45      | 0,17                | 0,50                 | 1,91    | 6,10        | 25     | 1,24 | 71,0          | 37,6          |
| M5 1070-50 | 70      | 50      | 0,09                | 0,29                 | 1,05    | 3,63        | 30     | 1,22 | 42,2          | 22,6          | M5 2070-50 | 70      | 50      | 0,17                | 0,51                 | 1,93    | 6,26        | 25     | 1,24 | 72,9          | 38,6          |
| M5 1070-55 | 70      | 55      | 0,09                | 0,29                 | 1,07    | 3,73        | 30     | 1,23 | 43,4          | 23,1          | M5 2070-55 | 70      | 55      | 0,17                | 0,51                 | 1,94    | 6,45        | 25     | 1,24 | 74,5          | 39,5          |
| M5 1070-60 | 70      | 60      | 0,09                | 0,30                 | 1,08    | 3,82        | 30     | 1,23 | 44,5          | 23,7          | M5 2070-60 | 70      | 60      | 0,17                | 0,52                 | 1,96    | 6,55        | 25     | 1,25 | 76,1          | 40,2          |
| M5 1070-65 | 70      | 65      | 0,09                | 0,30                 | 1,10    | 3,92        | 30     | 1,23 | 45,7          | 24,4          | M5 2070-65 | 70      | 65      | 0,17                | 0,52                 | 1,97    | 6,75        | 25     | 1,25 | 77,9          | 41,1          |
| M5 1070-70 | 70      | 70      | 0,09                | 0,31                 | 1,11    | 4,03        | 30     | 1,23 | 46,9          | 25,0          | M5 2070-70 | 70      | 70      | 0,17                | 0,53                 | 1,99    | 6,85        | 25     | 1,25 | 79,6          | 42,0          |
| M5 1075-30 | 75      | 30      | 0,09                | 0,28                 | 1,04    | 3,40        | 30     | 1,25 | 39,6          | 20,9          | M5 2075-30 | 75      | 30      | 0,17                | 0,51                 | 1,99    | 5,97        | 25     | 1,27 | 69,4          | 36,3          |
| M5 1075-35 | 75      | 35      | 0,09                | 0,28                 | 1,06    | 3,51        | 30     | 1,24 | 40,8          | 21,6          | M5 2075-35 | 75      | 35      | 0,17                | 0,52                 | 2,00    | 6,14        | 25     | 1,26 | 71,5          | 37,6          |
| M5 1075-40 | 75      | 40      | 0,09                | 0,29                 | 1,08    | 3,62        | 30     | 1,24 | 42,1          | 22,3          | M5 2075-40 | 75      | 40      | 0,18                | 0,53                 | 2,02    | 6,32        | 25     | 1,26 | 73,5          | 38,7          |
| M5 1075-45 | 75      | 45      | 0,09                | 0,29                 | 1,10    | 3,73        | 30     | 1,23 | 43,4          | 23,1          | M5 2075-45 | 75      | 45      | 0,18                | 0,53                 | 2,03    | 6,49        | 25     | 1,25 | 75,5          | 39,9          |
| M5 1075-50 | 75      | 50      | 0,09                | 0,30                 | 1,11    | 3,84        | 30     | 1,22 | 44,7          | 24,0          | M5 2075-50 | 75      | 50      | 0,18                | 0,54                 | 2,05    | 6,66        | 25     | 1,24 | 77,5          | 41,1          |
| M5 1075-55 | 75      | 55      | 0,09                | 0,30                 | 1,13    | 3,94        | 30     | 1,23 | 45,9          | 24,5          | M5 2075-55 | 75      | 55      | 0,18                | 0,54                 | 2,05    | 6,81        | 25     | 1,25 | 79,2          | 41,8          |
| M5 1075-60 | 75      | 60      | 0,10                | 0,31                 | 1,14    | 4,04        | 30     | 1,23 | 47,0          | 25,1          | M5 2075-60 | 75      | 60      | 0,18                | 0,55                 | 2,06    | 6,96        | 25     | 1,25 | 80,9          | 42,7          |
| M5 1075-65 | 75      | 65      | 0,10                | 0,32                 | 1,16    | 4,15        | 30     | 1,23 | 48,3          | 25,7          | M5 2075-65 | 75      | 65      | 0,18                | 0,55                 | 2,07    | 7,10        | 25     | 1,25 | 82,8          | 43,7          |
| M5 1075-70 | 75      | 70      | 0,10                | 0,33                 | 1,18    | 4,26        | 30     | 1,23 | 49,5          | 26,4          | M5 2075-70 | 75      | 70      | 0,18                | 0,56                 | 2,08    | 7,28        | 25     | 1,25 | 84,7          | 44,7          |
| M5 1080-30 | 80      | 30      | 0,10                | 0,29                 | 1,11    | 3,64        | 30     | 1,25 | 42,3          | 22,3          | M5 2080-30 | 80      | 30      | 0,19                | 0,55                 | 2,11    | 6,41        | 25     | 1,27 | 74,6          | 39,0          |
| M5 1080-35 | 80      | 35      | 0,10                | 0,29                 | 1,13    | 3,74        | 30     | 1,24 | 43,5          | 23,1          | M5 2080-35 | 80      | 35      | 0,19                | 0,55                 | 2,12    | 6,57        | 25     | 1,26 | 76,5          | 40,2          |
| M5 1080-40 | 80      | 40      | 0,10                | 0,30                 | 1,14    | 3,85        | 30     | 1,24 | 44,8          | 23,7          | M5 2080-40 | 80      | 40      | 0,19                | 0,56                 | 2,14    | 6,74        | 25     | 1,26 | 78,4          | 41,2          |
| M5 1080-45 | 80      | 45      | 0,10                | 0,31                 | 1,16    | 3,95        | 30     | 1,23 | 46,0          | 24,5          | M5 2080-45 | 80      | 45      | 0,19                | 0,56                 | 2,16    | 6,90        | 25     | 1,25 | 80,2          | 42,3          |
| M5 1080-50 | 80      | 50      | 0,10                | 0,32                 | 1,17    | 4,06        | 30     | 1,22 | 47,2          | 25,3          | M5 2080-50 | 80      | 50      | 0,19                | 0,57                 | 2,18    | 7,06        | 25     | 1,24 | 82,1          | 43,5          |
| M5 1080-55 | 80      | 55      | 0,10                | 0,31                 | 1,19    | 4,15        | 30     | 1,23 | 48,2          | 25,7          | M5 2080-55 | 80      | 55      | 0,19                | 0,57                 | 2,19    | 7,20        | 25     | 1,25 | 83,7          | 44,2          |
| M5 1080-60 | 80      | 60      | 0,10                | 0,33                 | 1,20    | 4,24        | 30     | 1,24 | 49,3          | 26,1          | M5 2080-60 | 80      | 60      | 0,19                | 0,58                 | 2,21    | 7,34        | 25     | 1,26 | 85,3          | 44,9          |
| M5 1080-65 | 80      | 65      | 0,10                | 0,33                 | 1,22    | 4,34        | 30     | 1,24 | 50,5          | 26,8          | M5 2080-65 | 80      | 65      | 0,19                | 0,59                 | 2,22    | 7,49        | 25     | 1,25 | 87,1          | 46,0          |
| M5 1080-70 | 80      | 70      | 0,10                | 0,34                 | 1,24    | 4,44        | 30     | 1,23 | 51,7          | 27,6          | M5 2080-70 | 80      | 70      | 0,19                | 0,60                 | 2,24    | 7,64        | 25     | 1,25 | 88,9          | 46,9          |
| M5 1090-30 | 90      | 30      | 0,11                | 0,32                 | 1,23    | 4,03        | 30     | 1,26 | 46,8          | 24,6          | M5 2090-30 | 90      | 30      | 0,21                | 0,61                 | 2,36    | 7,11        | 25     | 1,28 | 82,7          | 43,0          |
| M5 1090-35 | 90      | 35      | 0,11                | 0,33                 | 1,25    | 4,15        | 30     | 1,25 | 48,3          | 25,5          | M5 2090-35 | 90      | 35      | 0,21                | 0,61                 | 2,37    | 7,31        | 25     | 1,27 | 85,1          | 44,5          |
| M5 1090-40 | 90      | 40      | 0,11                | 0,34                 | 1,26    | 4,28        | 30     | 1,24 | 49,7          | 26,3          | M5 2090-40 | 90      | 40      | 0,21                | 0,62                 | 2,39    | 7,52        | 25     | 1,26 | 87,4          | 46,0          |
| M5 1090-45 | 90      | 45      | 0,11                | 0,34                 | 1,28    | 4,40        | 30     | 1,23 | 51,2          | 27,3          | M5 2090-45 | 90      | 45      | 0,21                | 0,62                 | 2,40    | 7,72        | 25     | 1,25 | 89,8          | 47,4          |
| M5 1090-50 | 90      | 50      | 0,11                | 0,35                 | 1,30    | 4,53        | 30     | 1,22 | 52,7          | 28,2          | M5 2090-50 | 90      | 50      | 0,21                | 0,63                 | 2,43    | 7,92        | 25     | 1,24 | 92,1          | 48,8          |
| M5 1090-55 | 90      | 55      | 0,11                | 0,35                 | 1,32    | 4,64        | 30     | 1,23 | 54,0          | 28,8          | M5 2090-55 | 90      | 55      | 0,21                | 0,64                 | 2,44    | 7,09        | 25     | 1,25 | 94,2          | 49,7          |
| M5 1090-60 | 90      | 60      | 0,11                | 0,36                 | 1,33    | 4,75        | 30     | 1,24 | 55,3          | 29,3          | M5 2090-60 | 90      | 60      | 0,21                | 0,65                 | 2,46    | 8,27        | 25     | 1,26 | 96,2          | 50,6          |
| M5 1090-65 | 90      | 65      | 0,11                | 0,36                 | 1,35    | 4,87        | 30     | 1,23 | 56,7          | 30,2          | M5 2090-65 | 90      | 65      | 0,21                | 0,65                 | 2,47    | 8,45        | 25     | 1,25 | 98,5          | 52,0          |
| M5 1090-70 | 90      | 70      | 0,11                | 0,37                 | 1,36    | 5,00        | 30     | 1,23 | 58,2          | 31,0          | M5 2090-70 | 90      | 70      | 0,22                | 0,66                 | 2,49    | 8,66        | 25     | 1,25 | 100,7         | 53,2          |



M5 1000



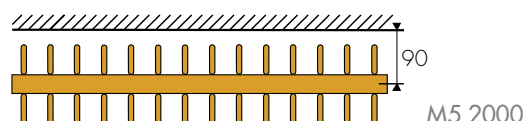
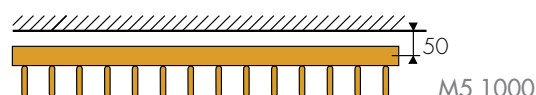
M5 2000



# META M5

EN 442 - Valori per elemento

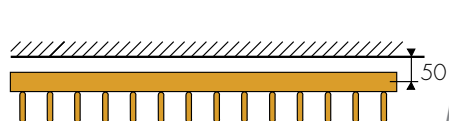
| MODELLO    | H<br>cm | N<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | S<br>% | n    | Δt50k<br>watt | Δt30k<br>watt | MODELLO    | H<br>cm | N<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | S<br>% | n    | Δt50k<br>watt | Δt30k<br>watt |
|------------|---------|---------|---------------------|----------------------|---------|-------------|--------|------|---------------|---------------|------------|---------|---------|---------------------|----------------------|---------|-------------|--------|------|---------------|---------------|
| M5 1100-30 | 100     | 30      | 0,12                | 0,36                 | 1,35    | 4,53        | 30     | 1,26 | 52,6          | 27,7          | M5 2100-30 | 100     | 30      | 0,23                | 0,67                 | 2,61    | 8,02        | 25     | 1,28 | 93,2          | 48,5          |
| M5 1100-35 | 100     | 35      | 0,12                | 0,36                 | 1,37    | 4,64        | 30     | 1,25 | 54,0          | 28,5          | M5 2100-35 | 100     | 35      | 0,23                | 0,60                 | 2,63    | 8,21        | 25     | 1,27 | 95,5          | 49,9          |
| M5 1100-40 | 100     | 40      | 0,12                | 0,37                 | 1,39    | 4,76        | 30     | 1,24 | 55,4          | 29,4          | M5 2100-40 | 100     | 40      | 0,23                | 0,60                 | 2,64    | 8,40        | 25     | 1,26 | 97,7          | 51,4          |
| M5 1100-45 | 100     | 45      | 0,12                | 0,37                 | 1,40    | 4,88        | 30     | 1,23 | 56,7          | 30,2          | M5 2100-45 | 100     | 45      | 0,23                | 0,65                 | 2,66    | 8,59        | 25     | 1,25 | 99,9          | 52,7          |
| M5 1100-50 | 100     | 50      | 0,12                | 0,38                 | 1,42    | 5,00        | 30     | 1,22 | 58,1          | 31,1          | M5 2100-50 | 100     | 50      | 0,23                | 0,70                 | 2,68    | 8,78        | 25     | 1,24 | 102,1         | 54,1          |
| M5 1100-55 | 100     | 55      | 0,12                | 0,38                 | 1,43    | 5,10        | 30     | 1,23 | 59,3          | 31,6          | M5 2100-55 | 100     | 55      | 0,23                | 0,75                 | 2,70    | 8,93        | 25     | 1,25 | 103,9         | 54,9          |
| M5 1100-60 | 100     | 60      | 0,12                | 0,39                 | 1,45    | 5,20        | 30     | 1,24 | 60,4          | 32,0          | M5 2100-60 | 100     | 60      | 0,24                | 0,70                 | 2,71    | 9,09        | 25     | 1,26 | 105,8         | 55,7          |
| M5 1100-65 | 100     | 65      | 0,12                | 0,40                 | 1,47    | 5,31        | 30     | 1,23 | 61,8          | 32,9          | M5 2100-65 | 100     | 65      | 0,24                | 0,75                 | 2,73    | 9,27        | 25     | 1,25 | 107,9         | 57,0          |
| M5 1100-70 | 100     | 70      | 0,13                | 0,41                 | 1,49    | 5,43        | 30     | 1,23 | 63,1          | 33,6          | M5 2100-70 | 100     | 70      | 0,24                | 0,70                 | 2,74    | 9,46        | 25     | 1,25 | 110,0         | 58,1          |
| M5 1110-30 | 110     | 30      | 0,13                | 0,39                 | 1,48    | 4,95        | 30     | 1,27 | 57,6          | 30,1          | M5 2110-30 | 110     | 30      | 0,25                | 0,70                 | 2,86    | 8,79        | 25     | 1,29 | 102,3         | 52,9          |
| M5 1110-35 | 110     | 35      | 0,13                | 0,39                 | 1,50    | 5,07        | 30     | 1,25 | 59,0          | 31,2          | M5 2110-35 | 110     | 35      | 0,25                | 0,75                 | 2,88    | 9,00        | 25     | 1,27 | 104,7         | 54,8          |
| M5 1110-40 | 110     | 40      | 0,13                | 0,40                 | 1,51    | 5,20        | 30     | 1,24 | 60,5          | 32,1          | M5 2110-40 | 110     | 40      | 0,25                | 0,70                 | 2,89    | 9,22        | 25     | 1,26 | 107,2         | 56,4          |
| M5 1110-45 | 110     | 45      | 0,13                | 0,40                 | 1,53    | 5,33        | 30     | 1,23 | 62,0          | 33,0          | M5 2110-45 | 110     | 45      | 0,25                | 0,75                 | 2,91    | 9,43        | 25     | 1,25 | 109,7         | 57,9          |
| M5 1110-50 | 110     | 50      | 0,13                | 0,41                 | 1,55    | 5,46        | 30     | 1,22 | 63,5          | 34,0          | M5 2110-50 | 110     | 50      | 0,26                | 0,76                 | 2,93    | 9,64        | 25     | 1,24 | 112,1         | 59,4          |
| M5 1110-55 | 110     | 55      | 0,13                | 0,42                 | 1,57    | 5,57        | 30     | 1,23 | 64,8          | 34,5          | M5 2110-55 | 110     | 55      | 0,26                | 0,76                 | 2,95    | 9,77        | 25     | 1,25 | 114,2         | 60,3          |
| M5 1110-60 | 110     | 60      | 0,14                | 0,43                 | 1,58    | 5,68        | 30     | 1,24 | 66,0          | 35,0          | M5 2110-60 | 110     | 60      | 0,26                | 0,77                 | 2,96    | 9,90        | 25     | 1,26 | 116,2         | 61,1          |
| M5 1110-65 | 110     | 65      | 0,14                | 0,43                 | 1,60    | 5,80        | 30     | 1,23 | 67,5          | 36,0          | M5 2110-65 | 110     | 65      | 0,26                | 0,78                 | 2,98    | 10,15       | 25     | 1,25 | 118,6         | 62,6          |
| M5 1110-70 | 110     | 70      | 0,14                | 0,44                 | 1,61    | 5,93        | 30     | 1,23 | 69,0          | 36,8          | M5 2110-70 | 110     | 70      | 0,26                | 0,79                 | 2,99    | 10,41       | 25     | 1,25 | 121,0         | 63,9          |
| M5 1120-30 | 120     | 30      | 0,14                | 0,42                 | 1,60    | 5,32        | 30     | 1,27 | 61,9          | 32,4          | M5 2120-30 | 120     | 30      | 0,27                | 0,80                 | 3,11    | 9,51        | 25     | 1,29 | 110,6         | 57,2          |
| M5 1120-35 | 120     | 35      | 0,14                | 0,42                 | 1,62    | 5,45        | 30     | 1,26 | 63,5          | 33,4          | M5 2120-35 | 120     | 35      | 0,27                | 0,80                 | 3,13    | 9,74        | 25     | 1,28 | 113,1         | 58,8          |
| M5 1120-40 | 120     | 40      | 0,14                | 0,43                 | 1,64    | 5,59        | 30     | 1,25 | 65,1          | 34,4          | M5 2120-40 | 120     | 40      | 0,28                | 0,81                 | 3,14    | 9,94        | 25     | 1,27 | 115,6         | 60,5          |
| M5 1120-45 | 120     | 45      | 0,14                | 0,43                 | 1,66    | 5,73        | 30     | 1,24 | 66,7          | 35,4          | M5 2120-45 | 120     | 45      | 0,28                | 0,82                 | 3,16    | 10,15       | 25     | 1,26 | 118,1         | 62,1          |
| M5 1120-50 | 120     | 50      | 0,14                | 0,44                 | 1,67    | 5,87        | 30     | 1,23 | 68,3          | 36,4          | M5 2120-50 | 120     | 50      | 0,28                | 0,83                 | 3,18    | 10,37       | 25     | 1,25 | 120,6         | 63,7          |
| M5 1120-55 | 120     | 55      | 0,14                | 0,45                 | 1,69    | 5,98        | 30     | 1,24 | 69,6          | 36,9          | M5 2120-55 | 120     | 55      | 0,28                | 0,83                 | 3,20    | 10,54       | 25     | 1,26 | 122,6         | 64,5          |
| M5 1120-60 | 120     | 60      | 0,15                | 0,46                 | 1,70    | 6,10        | 30     | 1,25 | 71,0          | 37,5          | M5 2120-60 | 120     | 60      | 0,28                | 0,84                 | 3,21    | 10,71       | 25     | 1,27 | 124,5         | 65,1          |
| M5 1120-65 | 120     | 65      | 0,15                | 0,46                 | 1,72    | 6,24        | 30     | 1,24 | 72,6          | 38,5          | M5 2120-65 | 120     | 65      | 0,28                | 0,84                 | 3,23    | 10,91       | 25     | 1,26 | 126,9         | 66,7          |
| M5 1120-70 | 120     | 70      | 0,15                | 0,47                 | 1,74    | 6,38        | 30     | 1,23 | 74,2          | 39,5          | M5 2120-70 | 120     | 70      | 0,28                | 0,85                 | 3,24    | 11,12       | 25     | 1,25 | 129,3         | 68,3          |
| M5 1125-30 | 125     | 30      | 0,15                | 0,43                 | 1,67    | 5,57        | 30     | 1,27 | 64,8          | 33,9          | M5 2125-30 | 125     | 30      | 0,29                | 0,83                 | 3,23    | 10,02       | 25     | 1,29 | 116,6         | 60,3          |
| M5 1125-35 | 125     | 35      | 0,15                | 0,44                 | 1,69    | 5,71        | 30     | 1,26 | 66,4          | 34,9          | M5 2125-35 | 125     | 35      | 0,29                | 0,83                 | 3,25    | 10,22       | 25     | 1,28 | 119,0         | 61,9          |
| M5 1125-40 | 125     | 40      | 0,15                | 0,45                 | 1,70    | 5,85        | 30     | 1,25 | 68,0          | 35,9          | M5 2125-40 | 125     | 40      | 0,29                | 0,84                 | 3,27    | 10,43       | 25     | 1,27 | 121,3         | 63,4          |
| M5 1125-45 | 125     | 45      | 0,15                | 0,45                 | 1,72    | 5,99        | 30     | 1,24 | 69,7          | 36,9          | M5 2125-45 | 125     | 45      | 0,29                | 0,85                 | 3,29    | 10,63       | 25     | 1,26 | 123,7         | 65,1          |
| M5 1125-50 | 125     | 50      | 0,15                | 0,46                 | 1,73    | 6,13        | 30     | 1,23 | 71,3          | 38,0          | M5 2125-50 | 125     | 50      | 0,29                | 0,86                 | 3,30    | 10,84       | 25     | 1,25 | 126,0         | 66,5          |
| M5 1125-55 | 125     | 55      | 0,15                | 0,46                 | 1,75    | 6,25        | 30     | 1,24 | 72,7          | 38,5          | M5 2125-55 | 125     | 55      | 0,29                | 0,86                 | 3,15    | 11,00       | 25     | 1,26 | 127,9         | 67,3          |
| M5 1125-60 | 125     | 60      | 0,15                | 0,47                 | 1,77    | 6,37        | 30     | 1,25 | 74,0          | 39,1          | M5 2125-60 | 125     | 60      | 0,29                | 0,87                 | 3,33    | 11,15       | 25     | 1,27 | 129,6         | 67,8          |
| M5 1125-65 | 125     | 65      | 0,15                | 0,48                 | 1,79    | 6,51        | 30     | 1,24 | 75,7          | 40,1          | M5 2125-65 | 125     | 65      | 0,29                | 0,87                 | 3,35    | 11,34       | 25     | 1,26 | 131,9         | 69,4          |
| M5 1125-70 | 125     | 70      | 0,15                | 0,49                 | 1,80    | 6,65        | 30     | 1,23 | 77,3          | 41,2          | M5 2125-70 | 125     | 70      | 0,29                | 0,88                 | 3,37    | 11,54       | 25     | 1,25 | 134,2         | 70,9          |
| M5 1150-30 | 150     | 30      | 0,17                | 0,51                 | 1,98    | 6,68        | 30     | 1,28 | 77,7          | 40,4          | M5 2150-30 | 150     | 30      | 0,34                | 0,99                 | 3,86    | 12,10       | 25     | 1,30 | 140,7         | 72,3          |
| M5 1150-35 | 150     | 35      | 0,17                | 0,52                 | 2,00    | 6,83        | 30     | 1,27 | 79,5          | 41,6          | M5 2150-35 | 150     | 35      | 0,34                | 1,00                 | 3,88    | 12,30       | 25     | 1,29 | 143,1         | 74,0          |
| M5 1150-40 | 150     | 40      | 0,18                | 0,53                 | 2,01    | 6,99        | 30     | 1,26 | 81,3          | 42,8          | M5 2150-40 | 150     | 40      | 0,34                | 1,01                 | 3,89    | 12,51       | 25     | 1,28 | 145,5         | 75,7          |
| M5 1150-45 | 150     | 45      | 0,18                | 0,53                 | 2,02    | 7,14        | 30     | 1,24 | 83,1          | 44,0          | M5 2150-45 | 150     | 45      | 0,34                | 1,01                 | 3,91    | 12,71       | 25     | 1,26 | 147,8         | 77,7          |
| M5 1150-50 | 150     | 50      | 0,18                | 0,54                 | 2,04    | 7,30        | 30     | 1,23 | 84,9          | 45,3          | M5 2150-50 | 150     | 50      | 0,35                | 1,02                 | 3,92    | 12,91       | 25     | 1,25 | 150,2         | 79,3          |
| M5 1150-55 | 150     | 55      | 0,18                | 0,54                 | 2,06    | 7,22        | 30     | 1,24 | 86,3          | 45,7          | M5 2150-55 | 150     | 55      | 0,35                | 1,03                 | 3,94    | 13,05       | 25     | 1,26 | 151,8         | 79,8          |
| M5 1150-60 | 150     | 60      | 0,18                | 0,55                 | 2,08    | 7,55        | 30     | 1,26 | 87,8          | 46,2          | M5 2150-60 | 150     | 60      | 0,35                | 1,04                 | 3,96    | 13,19       | 25     | 1,28 | 153,4         | 79,8          |
| M5 1150-65 | 150     | 65      | 0,18                | 0,56                 | 2,10    | 7,70        | 30     | 1,24 | 89,6          | 47,5          | M5 2150-65 | 150     | 65      | 0,35                | 1,05                 | 3,98    | 13,38       | 25     | 1,26 | 155,7         | 81,9          |
| M5 1150-70 | 150     | 70      | 0,18                | 0,57                 | 2,11    | 7,86        | 30     | 1,23 | 91,5          | 48,8          | M5 2150-70 | 150     | 70      | 0,35                | 1,06                 | 3,99    | 13,58       | 25     | 1,25 | 157,9         | 83,4          |
| M5 1160-30 | 160     | 30      | 0,18                | 0,55                 | 2,10    | 6,98        | 30     | 1,28 | 81,2          | 42,2          | M5 2160-30 | 160     | 30      | 0,36                | 1,05                 | 4,11    | 12,72       | 25     | 1,30 | 147,9         | 76,0          |
| M5 1160-35 | 160     | 35      | 0,18                | 0,55                 | 2,12    | 7,17        | 30     | 1,27 | 83,3          | 43,6          | M5 2160-35 | 160     | 35      | 0,37                | 1,06                 | 4,13    | 12,95       | 25     | 1,29 | 150,7         | 77,9          |
| M5 1160-40 | 160     | 40      | 0,19                | 0,56                 | 2,14    | 7,35        | 30     | 1,26 | 85,4          | 44,9          | M5 2160-40 | 160     | 40      | 0,37                | 1,07                 | 4,14    | 13,19       | 25     | 1,28 | 153,4         | 79,8          |
| M5 1160-45 | 160     | 45      | 0,19                | 0,56                 | 2,16    | 7,53        | 30     | 1,24 | 87,6          | 46,4          | M5 2160-45 | 160     | 45      | 0,37                | 1,07                 | 4,16    | 13,42       | 25     | 1,26 | 156,1         | 82,1          |
| M5 1160-50 | 160     | 50      | 0,19                | 0,57                 | 2,17    | 7,71        | 30     | 1,23 | 89,7          | 47,8          | M5 2160-50 | 160     | 50      | 0,37                | 1,08                 | 4,17    | 13,66       | 25     | 1,25 | 158,8         | 83,8          |
| M5 1160-55 | 160     | 55      | 0,19                | 0,57                 | 2,19    | 7,84        | 30     | 1,24 | 91,5          | 48,5          | M5 2160-55 | 160     | 55      | 0,37                | 1,08                 | 4,19    | 13,82       | 25     | 1,26 | 160,7         | 84,5          |
| M5 1160-60 | 160     | 60      | 0,19                | 0,58                 | 2,20    | 8,01        | 30     | 1,26 | 93,2          | 49,0          | M5 2160-60 | 160     | 60      | 0,37                | 1,09                 | 4,21    | 13,98       | 25     | 1,28 | 162,6         | 84,6          |
| M5 1160-65 | 160     | 65      | 0,19                | 0,59                 | 2,22    | 8,20        | 30     | 1,24 | 95,4          | 50,6          | M5 2160-65 | 160     | 65      | 0,37                | 1,10                 | 4,23    | 13,20       | 25     | 1,26 | 165,2         | 86,9          |
| M5 1160-70 | 160     | 70      | 0,19                | 0,60                 | 2,24    | 8,40        | 30     | 1,23 | 97,6          | 52,0          | M5 2160-70 | 160     | 70      | 0,37                | 1,11                 | 4,24    | 14,43       | 25     | 1,25 | 167,8         | 88,6          |



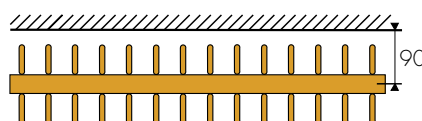
# META M5

EN 442 - Valori per elemento

| MODELLO    | H<br>cm | N<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | S<br>% | n    | Δt50k<br>watt | Δt30k<br>watt | MODELLO    | H<br>cm | N<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | S<br>% | n    | Δt50k<br>watt | Δt30k<br>watt |
|------------|---------|---------|---------------------|----------------------|---------|-------------|--------|------|---------------|---------------|------------|---------|---------|---------------------|----------------------|---------|-------------|--------|------|---------------|---------------|
| M5 1175-30 | 175     | 30      | 0,20                | 0,59                 | 2,29    | 7,67        | 30     | 1,29 | 89,2          | 46,1          | M5 2175-30 | 175     | 30      | 0,40                | 1,15                 | 4,48    | 14,05       | 25     | 1,31 | 163,4         | 83,5          |
| M5 1175-35 | 175     | 35      | 0,20                | 0,60                 | 2,31    | 7,85        | 30     | 1,27 | 91,3          | 47,7          | M5 2175-35 | 175     | 35      | 0,40                | 1,15                 | 4,50    | 14,26       | 25     | 1,29 | 166,0         | 85,8          |
| M5 1175-40 | 175     | 40      | 0,20                | 0,61                 | 2,32    | 8,04        | 30     | 1,26 | 93,5          | 49,2          | M5 2175-40 | 175     | 40      | 0,40                | 1,16                 | 4,52    | 14,48       | 25     | 1,28 | 168,5         | 87,6          |
| M5 1175-45 | 175     | 45      | 0,20                | 0,61                 | 2,34    | 8,22        | 30     | 1,25 | 95,6          | 50,5          | M5 2175-45 | 175     | 45      | 0,40                | 1,17                 | 4,54    | 14,69       | 25     | 1,27 | 170,9         | 89,4          |
| M5 1175-50 | 175     | 50      | 0,21                | 0,62                 | 2,36    | 8,41        | 30     | 1,24 | 97,8          | 51,8          | M5 2175-50 | 175     | 50      | 0,40                | 1,18                 | 4,55    | 14,90       | 25     | 1,26 | 173,3         | 91,2          |
| M5 1175-55 | 175     | 55      | 0,21                | 0,62                 | 2,38    | 8,55        | 30     | 1,25 | 99,5          | 52,5          | M5 2175-55 | 175     | 55      | 0,40                | 1,18                 | 4,57    | 15,02       | 25     | 1,27 | 174,8         | 91,4          |
| M5 1175-60 | 175     | 60      | 0,21                | 0,63                 | 2,39    | 8,70        | 30     | 1,26 | 101,2         | 53,2          | M5 2175-60 | 175     | 60      | 0,40                | 1,19                 | 4,58    | 15,15       | 25     | 1,28 | 176,3         | 91,7          |
| M5 1175-65 | 175     | 65      | 0,21                | 0,63                 | 2,42    | 8,88        | 30     | 1,24 | 103,5         | 54,9          | M5 2175-65 | 175     | 65      | 0,40                | 1,19                 | 4,60    | 15,35       | 25     | 1,26 | 178,6         | 93,9          |
| M5 1175-70 | 175     | 70      | 0,21                | 0,64                 | 2,42    | 9,09        | 30     | 1,23 | 105,8         | 56,4          | M5 2175-70 | 175     | 70      | 0,40                | 1,20                 | 4,61    | 15,56       | 25     | 1,25 | 180,9         | 95,5          |
| M5 1180-30 | 180     | 30      | 0,21                | 0,61                 | 2,35    | 7,91        | 30     | 1,29 | 92,1          | 47,6          | M5 2180-30 | 180     | 30      | 0,41                | 1,18                 | 4,61    | 14,60       | 25     | 1,31 | 169,8         | 86,8          |
| M5 1180-35 | 180     | 35      | 0,21                | 0,61                 | 2,37    | 8,10        | 30     | 1,27 | 94,2          | 49,3          | M5 2180-35 | 180     | 35      | 0,41                | 1,18                 | 4,63    | 14,79       | 25     | 1,29 | 172,1         | 89,0          |
| M5 1180-40 | 180     | 40      | 0,21                | 0,62                 | 2,39    | 8,29        | 30     | 1,26 | 96,4          | 50,7          | M5 2180-40 | 180     | 40      | 0,41                | 1,19                 | 4,64    | 14,99       | 25     | 1,28 | 174,4         | 90,7          |
| M5 1180-45 | 180     | 45      | 0,21                | 0,63                 | 2,42    | 8,48        | 30     | 1,25 | 98,6          | 52,1          | M5 2180-45 | 180     | 45      | 0,41                | 1,20                 | 4,66    | 15,18       | 25     | 1,27 | 176,6         | 92,4          |
| M5 1180-50 | 180     | 50      | 0,21                | 0,64                 | 2,42    | 8,67        | 30     | 1,24 | 100,8         | 53,4          | M5 2180-50 | 180     | 50      | 0,41                | 1,21                 | 4,67    | 15,37       | 25     | 1,26 | 178,8         | 94,0          |
| M5 1180-55 | 180     | 55      | 0,21                | 0,64                 | 2,44    | 8,82        | 30     | 1,25 | 102,6         | 54,2          | M5 2180-55 | 180     | 55      | 0,41                | 1,21                 | 4,69    | 15,47       | 25     | 1,27 | 180,0         | 94,1          |
| M5 1180-60 | 180     | 60      | 0,21                | 0,65                 | 2,45    | 8,97        | 30     | 1,27 | 104,3         | 54,5          | M5 2180-60 | 180     | 60      | 0,41                | 1,22                 | 4,71    | 15,58       | 25     | 1,29 | 181,2         | 93,7          |
| M5 1180-65 | 180     | 65      | 0,21                | 0,65                 | 2,47    | 9,16        | 30     | 1,25 | 106,6         | 56,3          | M5 2180-65 | 180     | 65      | 0,41                | 1,22                 | 4,73    | 15,76       | 25     | 1,27 | 183,3         | 95,9          |
| M5 1180-70 | 180     | 70      | 0,22                | 0,66                 | 2,49    | 9,36        | 30     | 1,23 | 108,9         | 58,0          | M5 2180-70 | 180     | 70      | 0,42                | 1,23                 | 4,74    | 15,94       | 25     | 1,25 | 185,4         | 97,9          |
| M5 1190-30 | 190     | 30      | 0,22                | 0,64                 | 2,48    | 8,35        | 30     | 1,29 | 97,1          | 50,2          | M5 2190-30 | 190     | 30      | 0,43                | 1,25                 | 4,86    | 15,49       | 25     | 1,31 | 180,2         | 92,1          |
| M5 1190-35 | 190     | 35      | 0,22                | 0,64                 | 2,50    | 8,55        | 30     | 1,28 | 99,4          | 51,7          | M5 2190-35 | 190     | 35      | 0,43                | 1,25                 | 4,88    | 15,68       | 25     | 1,30 | 182,4         | 93,8          |
| M5 1190-40 | 190     | 40      | 0,22                | 0,65                 | 2,51    | 8,75        | 30     | 1,27 | 101,7         | 53,2          | M5 2190-40 | 190     | 40      | 0,43                | 1,26                 | 4,89    | 15,87       | 25     | 1,29 | 184,6         | 95,4          |
| M5 1190-45 | 190     | 45      | 0,22                | 0,66                 | 2,53    | 8,95        | 30     | 1,25 | 104,1         | 55,0          | M5 2190-45 | 190     | 45      | 0,43                | 1,26                 | 4,91    | 16,05       | 25     | 1,27 | 186,8         | 97,7          |
| M5 1190-50 | 190     | 50      | 0,22                | 0,67                 | 2,54    | 9,15        | 30     | 1,24 | 106,4         | 56,4          | M5 2190-50 | 190     | 50      | 0,43                | 1,27                 | 4,92    | 16,23       | 25     | 1,26 | 188,8         | 99,3          |
| M5 1190-55 | 190     | 55      | 0,22                | 0,67                 | 2,56    | 9,30        | 30     | 1,25 | 108,2         | 57,1          | M5 2190-55 | 190     | 55      | 0,43                | 1,27                 | 4,94    | 16,31       | 25     | 1,27 | 189,8         | 99,3          |
| M5 1190-60 | 190     | 60      | 0,22                | 0,68                 | 2,58    | 9,46        | 30     | 1,27 | 110,0         | 57,5          | M5 2190-60 | 190     | 60      | 0,43                | 1,28                 | 4,96    | 16,40       | 25     | 1,29 | 190,8         | 98,6          |
| M5 1190-65 | 190     | 65      | 0,23                | 0,68                 | 2,60    | 9,67        | 30     | 1,25 | 112,5         | 59,4          | M5 2190-65 | 190     | 65      | 0,44                | 1,29                 | 4,98    | 16,57       | 25     | 1,27 | 192,8         | 100,8         |
| M5 1190-70 | 190     | 70      | 0,23                | 0,69                 | 2,61    | 9,88        | 30     | 1,23 | 114,9         | 61,2          | M5 2190-70 | 190     | 70      | 0,44                | 1,30                 | 4,99    | 16,74       | 25     | 1,25 | 194,7         | 102,8         |
| M5 1200-30 | 200     | 30      | 0,23                | 0,67                 | 2,60    | 8,78        | 30     | 1,30 | 102,2         | 52,5          | M5 2200-30 | 200     | 30      | 0,45                | 1,31                 | 5,11    | 16,39       | 25     | 1,32 | 190,7         | 96,9          |
| M5 1200-35 | 200     | 35      | 0,23                | 0,68                 | 2,62    | 8,99        | 30     | 1,28 | 104,6         | 54,4          | M5 2200-35 | 200     | 35      | 0,45                | 1,31                 | 5,13    | 16,57       | 25     | 1,30 | 192,8         | 99,1          |
| M5 1200-40 | 200     | 40      | 0,23                | 0,69                 | 2,64    | 9,20        | 30     | 1,27 | 107,0         | 56,0          | M5 2200-40 | 200     | 40      | 0,45                | 1,32                 | 5,14    | 16,76       | 25     | 1,29 | 194,9         | 100,8         |
| M5 1200-45 | 200     | 45      | 0,23                | 0,69                 | 2,66    | 9,41        | 30     | 1,25 | 109,5         | 57,8          | M5 2200-45 | 200     | 45      | 0,45                | 1,32                 | 5,16    | 16,88       | 25     | 1,27 | 196,9         | 103,0         |
| M5 1200-50 | 200     | 50      | 0,23                | 0,70                 | 2,67    | 9,63        | 30     | 1,24 | 111,9         | 59,3          | M5 2200-50 | 200     | 50      | 0,46                | 1,33                 | 5,17    | 17,10       | 25     | 1,26 | 198,8         | 104,6         |
| M5 1200-55 | 200     | 55      | 0,23                | 0,70                 | 2,69    | 9,79        | 30     | 1,25 | 113,8         | 60,1          | M5 2200-55 | 200     | 55      | 0,46                | 1,34                 | 5,19    | 17,16       | 25     | 1,27 | 199,6         | 104,4         |
| M5 1200-60 | 200     | 60      | 0,24                | 0,71                 | 2,70    | 9,95        | 30     | 1,27 | 115,7         | 60,5          | M5 2200-60 | 200     | 60      | 0,46                | 1,35                 | 5,21    | 17,22       | 25     | 1,29 | 200,3         | 103,6         |
| M5 1200-65 | 200     | 65      | 0,24                | 0,71                 | 2,72    | 10,18       | 30     | 1,25 | 118,4         | 62,5          | M5 2200-65 | 200     | 65      | 0,46                | 1,35                 | 5,23    | 17,38       | 25     | 1,27 | 202,2         | 105,8         |
| M5 1200-70 | 200     | 70      | 0,24                | 0,72                 | 2,74    | 10,40       | 30     | 1,23 | 121,0         | 64,5          | M5 2200-70 | 200     | 70      | 0,46                | 1,36                 | 5,24    | 17,54       | 25     | 1,25 | 203,9         | 107,7         |
| M5 1210-30 | 210     | 30      | 0,24                | 0,71                 | 2,73    | 9,22        | 30     | 1,30 | 107,2         | 55,1          | M5 2210-30 | 210     | 30      | 0,47                | 1,37                 | 5,36    | 17,31       | 25     | 1,32 | 201,3         | 102,3         |
| M5 1210-35 | 210     | 35      | 0,24                | 0,71                 | 2,75    | 9,44        | 30     | 1,28 | 109,8         | 57,1          | M5 2210-35 | 210     | 35      | 0,47                | 1,38                 | 5,38    | 17,48       | 25     | 1,31 | 203,3         | 103,9         |
| M5 1210-40 | 210     | 40      | 0,24                | 0,72                 | 2,76    | 9,66        | 30     | 1,27 | 112,3         | 58,7          | M5 2210-40 | 210     | 40      | 0,48                | 1,39                 | 5,39    | 17,65       | 25     | 1,29 | 205,3         | 106,1         |
| M5 1210-45 | 210     | 45      | 0,24                | 0,72                 | 2,78    | 9,88        | 30     | 1,26 | 114,9         | 60,4          | M5 2210-45 | 210     | 45      | 0,48                | 1,39                 | 5,41    | 17,80       | 25     | 1,28 | 207,1         | 107,7         |
| M5 1210-50 | 210     | 50      | 0,24                | 0,73                 | 2,79    | 10,10       | 30     | 1,25 | 117,5         | 62,0          | M5 2210-50 | 210     | 50      | 0,48                | 1,40                 | 5,42    | 17,96       | 25     | 1,27 | 208,9         | 109,3         |
| M5 1210-55 | 210     | 55      | 0,24                | 0,73                 | 2,81    | 10,27       | 30     | 1,26 | 119,5         | 62,9          | M5 2210-55 | 210     | 55      | 0,48                | 1,40                 | 5,44    | 18,00       | 25     | 1,28 | 209,4         | 108,9         |
| M5 1210-60 | 210     | 60      | 0,25                | 0,74                 | 2,83    | 10,44       | 30     | 1,28 | 121,5         | 63,2          | M5 2210-60 | 210     | 60      | 0,48                | 1,41                 | 5,46    | 18,04       | 25     | 1,30 | 209,8         | 107,8         |
| M5 1210-65 | 210     | 65      | 0,25                | 0,75                 | 2,85    | 10,68       | 30     | 1,25 | 124,2         | 65,6          | M5 2210-65 | 210     | 65      | 0,48                | 1,41                 | 5,47    | 18,18       | 25     | 1,27 | 211,5         | 110,6         |
| M5 1210-70 | 210     | 70      | 0,25                | 0,76                 | 2,86    | 10,92       | 30     | 1,23 | 127,0         | 67,7          | M5 2210-70 | 210     | 70      | 0,48                | 1,42                 | 5,48    | 18,32       | 25     | 1,25 | 213,1         | 112,5         |
| M5 1220-30 | 220     | 30      | 0,25                | 0,74                 | 2,85    | 9,65        | 30     | 1,30 | 112,2         | 57,7          | M5 2220-30 | 220     | 30      | 0,50                | 1,44                 | 5,61    | 18,23       | 25     | 1,32 | 212,0         | 107,7         |
| M5 1220-35 | 220     | 35      | 0,25                | 0,74                 | 2,87    | 9,88        | 30     | 1,28 | 114,9         | 59,7          | M5 2220-35 | 220     | 35      | 0,50                | 1,44                 | 5,63    | 18,39       | 25     | 1,30 | 213,9         | 109,9         |
| M5 1220-40 | 220     | 40      | 0,25                | 0,75                 | 2,89    | 10,11       | 30     | 1,27 | 117,6         | 61,5          | M5 2220-40 | 220     | 40      | 0,50                | 1,45                 | 5,64    | 18,55       | 25     | 1,29 | 215,7         | 111,5         |
| M5 1220-45 | 220     | 45      | 0,25                | 0,75                 | 2,91    | 10,34       | 30     | 1,26 | 120,3         | 63,3          | M5 2220-45 | 220     | 45      | 0,50                | 1,45                 | 5,66    | 18,68       | 25     | 1,28 | 217,4         | 113,0         |
| M5 1220-50 | 220     | 50      | 0,26                | 0,76                 | 2,92    | 10,58       | 30     | 1,25 | 123,1         | 65,0          | M5 2220-50 | 220     | 50      | 0,50                | 1,46                 | 5,67    | 18,82       | 25     | 1,27 | 218,9         | 114,5         |
| M5 1220-55 | 220     | 55      | 0,26                | 0,77                 | 2,94    | 10,75       | 30     | 1,26 | 125,1         | 65,8          | M5 2220-55 | 220     | 55      | 0,50                | 1,46                 | 5,69    | 18,83       | 25     | 1,28 | 219,1         | 113,9         |
| M5 1220-60 | 220     | 60      | 0,26                | 0,78                 | 2,95    | 10,93       | 30     | 1,28 | 127,2         | 66,1          | M5 2220-60 | 220     | 60      | 0,50                | 1,47                 | 5,70    | 18,85       | 25     | 1,30 | 219,3         | 112,7         |
| M5 1220-65 | 220     | 65      | 0,26                | 0,78                 | 2,97    | 11,18       | 30     | 1,25 | 130,1         | 68,7          | M5 2220-65 | 220     | 65      | 0,50                | 1,48                 | 5,72    | 18,97       | 25     | 1,27 | 220,7         | 115,4         |
| M5 1220-70 | 220     | 70      | 0,26                | 0,79                 | 2,98    | 11,44       | 30     | 1,23 | 133,1         | 70,9          | M5 2220-70 | 220     | 70      | 0,51                | 1,49                 | 5,74    | 19,10       | 25     | 1,25 | 222,1         | 117,3         |



M5 1000

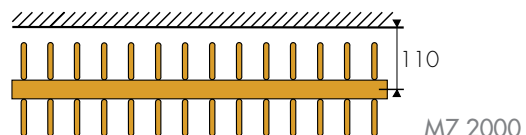
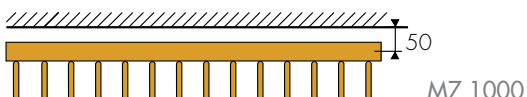


M5 2000

# META M7

EN 442 - Valori per elemento

| MODELLO    | H<br>cm | N<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | S<br>% | n    | Δt50k<br>watt | Δt30k<br>watt | MODELLO    | H<br>cm | N<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | S<br>% | n    | Δt50k<br>watt | Δt30k<br>watt |
|------------|---------|---------|---------------------|----------------------|---------|-------------|--------|------|---------------|---------------|------------|---------|---------|---------------------|----------------------|---------|-------------|--------|------|---------------|---------------|
| M7 1030-30 | 30      | 30      | 0,05                | 0,18                 | 0,64    | 1,85        | 30     | 1,21 | 21,6          | 11,6          | M7 2030-30 | 30      | 30      | 0,10                | 0,31                 | 1,15    | 3,11        | 25     | 1,23 | 36,2          | 19,3          |
| M7 1030-35 | 30      | 35      | 0,05                | 0,18                 | 0,65    | 1,92        | 30     | 1,20 | 22,4          | 12,1          | M7 2030-35 | 30      | 35      | 0,10                | 0,31                 | 1,17    | 3,21        | 25     | 1,22 | 37,3          | 20,0          |
| M7 1030-40 | 30      | 40      | 0,05                | 0,19                 | 0,66    | 1,99        | 30     | 1,20 | 23,2          | 12,6          | M7 2030-40 | 30      | 40      | 0,10                | 0,32                 | 1,18    | 3,31        | 25     | 1,22 | 38,5          | 20,6          |
| M7 1030-45 | 30      | 45      | 0,06                | 0,19                 | 0,68    | 2,06        | 30     | 1,20 | 24,0          | 13,0          | M7 2030-45 | 30      | 45      | 0,10                | 0,32                 | 1,20    | 3,41        | 25     | 1,22 | 39,7          | 21,3          |
| M7 1030-50 | 30      | 50      | 0,06                | 0,20                 | 0,69    | 2,13        | 30     | 1,20 | 24,8          | 13,4          | M7 2030-50 | 30      | 50      | 0,10                | 0,33                 | 1,22    | 3,52        | 25     | 1,22 | 40,9          | 21,9          |
| M7 1030-55 | 30      | 55      | 0,06                | 0,20                 | 0,71    | 2,21        | 30     | 1,19 | 25,7          | 14,0          | M7 2030-55 | 30      | 55      | 0,10                | 0,34                 | 1,24    | 3,62        | 25     | 1,21 | 42,1          | 22,7          |
| M7 1030-60 | 30      | 60      | 0,06                | 0,21                 | 0,73    | 2,29        | 30     | 1,18 | 26,6          | 14,6          | M7 2030-60 | 30      | 60      | 0,10                | 0,35                 | 1,25    | 3,73        | 25     | 1,20 | 43,3          | 23,5          |
| M7 1030-65 | 30      | 65      | 0,06                | 0,21                 | 0,75    | 2,35        | 30     | 1,19 | 27,4          | 14,9          | M7 2030-65 | 30      | 65      | 0,10                | 0,35                 | 1,27    | 8,81        | 25     | 1,22 | 44,3          | 23,7          |
| M7 1030-70 | 30      | 70      | 0,06                | 0,22                 | 0,76    | 2,42        | 30     | 1,21 | 28,1          | 15,1          | M7 2030-70 | 30      | 70      | 0,11                | 0,36                 | 1,28    | 3,90        | 25     | 1,23 | 45,3          | 24,1          |
| M7 1035-30 | 35      | 30      | 0,06                | 0,20                 | 0,71    | 2,15        | 30     | 1,21 | 25,1          | 13,5          | M7 2035-30 | 35      | 30      | 0,11                | 0,35                 | 1,32    | 3,68        | 25     | 1,23 | 42,8          | 22,8          |
| M7 1035-35 | 35      | 35      | 0,06                | 0,20                 | 0,73    | 2,22        | 30     | 1,20 | 25,9          | 14,0          | M7 2035-35 | 35      | 35      | 0,11                | 0,36                 | 1,34    | 3,78        | 25     | 1,22 | 44,0          | 23,6          |
| M7 1035-40 | 35      | 40      | 0,06                | 0,21                 | 0,75    | 2,30        | 30     | 1,20 | 26,8          | 14,5          | M7 2035-40 | 35      | 40      | 0,12                | 0,37                 | 1,36    | 3,89        | 25     | 1,22 | 45,2          | 24,2          |
| M7 1035-45 | 35      | 45      | 0,06                | 0,21                 | 0,77    | 2,37        | 30     | 1,20 | 27,7          | 15,0          | M7 2035-45 | 35      | 45      | 0,12                | 0,37                 | 1,38    | 3,98        | 25     | 1,22 | 46,4          | 24,9          |
| M7 1035-50 | 35      | 50      | 0,06                | 0,22                 | 0,78    | 2,45        | 30     | 1,20 | 28,5          | 15,4          | M7 2035-50 | 35      | 50      | 0,12                | 0,38                 | 1,39    | 4,08        | 25     | 1,22 | 47,5          | 25,5          |
| M7 1035-55 | 35      | 55      | 0,06                | 0,22                 | 0,80    | 2,53        | 30     | 1,19 | 29,4          | 16,0          | M7 2035-55 | 35      | 55      | 0,12                | 0,38                 | 1,41    | 4,18        | 25     | 1,21 | 48,7          | 26,2          |
| M7 1035-60 | 35      | 60      | 0,07                | 0,23                 | 0,81    | 2,61        | 30     | 1,18 | 30,3          | 16,6          | M7 2035-60 | 35      | 60      | 0,12                | 0,39                 | 1,42    | 4,28        | 25     | 1,20 | 49,8          | 27,0          |
| M7 1035-65 | 35      | 65      | 0,07                | 0,24                 | 0,83    | 2,67        | 30     | 1,19 | 31,1          | 16,9          | M7 2035-65 | 35      | 65      | 0,12                | 0,40                 | 1,44    | 4,36        | 25     | 1,21 | 50,8          | 27,4          |
| M7 1035-70 | 35      | 70      | 0,07                | 0,25                 | 0,85    | 2,74        | 30     | 1,21 | 31,9          | 17,2          | M7 2035-70 | 35      | 70      | 0,12                | 0,41                 | 1,45    | 4,44        | 25     | 1,23 | 51,7          | 27,6          |
| M7 1040-30 | 40      | 30      | 0,07                | 0,22                 | 0,80    | 2,33        | 30     | 1,21 | 27,1          | 14,6          | M7 2040-30 | 40      | 30      | 0,11                | 0,35                 | 1,32    | 3,68        | 25     | 1,23 | 46,5          | 24,8          |
| M7 1040-35 | 40      | 35      | 0,07                | 0,22                 | 0,82    | 2,51        | 30     | 1,21 | 28,1          | 15,1          | M7 2040-35 | 40      | 35      | 0,11                | 0,36                 | 1,34    | 3,78        | 25     | 1,22 | 47,9          | 25,7          |
| M7 1040-40 | 40      | 40      | 0,07                | 0,23                 | 0,83    | 2,49        | 30     | 1,21 | 29,0          | 15,6          | M7 2040-40 | 40      | 40      | 0,12                | 0,37                 | 1,36    | 3,89        | 25     | 1,22 | 49,2          | 26,4          |
| M7 1040-45 | 40      | 45      | 0,07                | 0,23                 | 0,85    | 2,55        | 30     | 1,20 | 29,8          | 16,2          | M7 2040-45 | 40      | 45      | 0,12                | 0,37                 | 1,38    | 3,98        | 25     | 1,22 | 50,5          | 27,1          |
| M7 1040-50 | 40      | 50      | 0,07                | 0,24                 | 0,87    | 2,62        | 30     | 1,20 | 30,5          | 16,5          | M7 2040-50 | 40      | 50      | 0,12                | 0,38                 | 1,39    | 4,08        | 25     | 1,22 | 51,8          | 27,8          |
| M7 1040-55 | 40      | 55      | 0,07                | 0,25                 | 0,89    | 2,72        | 30     | 1,20 | 31,7          | 17,2          | M7 2040-55 | 40      | 55      | 0,12                | 0,38                 | 1,41    | 4,18        | 25     | 1,21 | 53,1          | 28,6          |
| M7 1040-60 | 40      | 60      | 0,07                | 0,26                 | 0,90    | 2,82        | 30     | 1,19 | 32,9          | 17,9          | M7 2040-60 | 40      | 60      | 0,12                | 0,39                 | 1,42    | 4,28        | 25     | 1,20 | 54,4          | 29,5          |
| M7 1040-65 | 40      | 65      | 0,07                | 0,26                 | 0,92    | 2,91        | 30     | 1,20 | 33,9          | 18,4          | M7 2040-65 | 40      | 65      | 0,12                | 0,40                 | 1,44    | 4,36        | 25     | 1,22 | 55,5          | 29,7          |
| M7 1040-70 | 40      | 70      | 0,08                | 0,27                 | 0,93    | 3,00        | 30     | 1,21 | 34,9          | 18,8          | M7 2040-70 | 40      | 70      | 0,12                | 0,41                 | 1,45    | 4,44        | 25     | 1,23 | 56,6          | 30,2          |
| M7 1045-30 | 45      | 30      | 0,07                | 0,24                 | 0,89    | 2,59        | 30     | 1,21 | 30,1          | 16,2          | M7 2045-30 | 45      | 30      | 0,13                | 0,40                 | 1,49    | 4,00        | 25     | 1,23 | 51,9          | 27,7          |
| M7 1045-35 | 45      | 35      | 0,07                | 0,24                 | 0,91    | 2,67        | 30     | 1,21 | 31,0          | 16,7          | M7 2045-35 | 45      | 35      | 0,13                | 0,40                 | 1,52    | 4,11        | 25     | 1,23 | 53,3          | 28,4          |
| M7 1045-40 | 45      | 40      | 0,08                | 0,25                 | 0,92    | 2,75        | 30     | 1,21 | 32,0          | 17,2          | M7 2045-40 | 45      | 40      | 0,13                | 0,41                 | 1,53    | 4,23        | 25     | 1,23 | 54,7          | 29,2          |
| M7 1045-45 | 45      | 45      | 0,08                | 0,26                 | 0,94    | 2,84        | 30     | 1,21 | 33,1          | 17,8          | M7 2045-45 | 45      | 45      | 0,13                | 0,42                 | 1,55    | 4,34        | 25     | 1,22 | 56,1          | 30,1          |
| M7 1045-50 | 45      | 50      | 0,08                | 0,27                 | 0,95    | 2,94        | 30     | 1,21 | 34,2          | 18,4          | M7 2045-50 | 45      | 50      | 0,13                | 0,43                 | 1,56    | 4,45        | 25     | 1,22 | 57,5          | 30,8          |
| M7 1045-55 | 45      | 55      | 0,08                | 0,27                 | 0,97    | 3,01        | 30     | 1,20 | 35,0          | 19,0          | M7 2045-55 | 45      | 55      | 0,13                | 0,43                 | 1,58    | 4,66        | 25     | 1,22 | 58,9          | 31,6          |
| M7 1045-60 | 45      | 60      | 0,08                | 0,28                 | 0,99    | 3,08        | 30     | 1,19 | 35,8          | 19,5          | M7 2045-60 | 45      | 60      | 0,13                | 0,44                 | 1,59    | 4,68        | 25     | 1,21 | 60,4          | 32,6          |
| M7 1045-65 | 45      | 65      | 0,08                | 0,28                 | 1,05    | 3,20        | 30     | 1,20 | 37,2          | 20,2          | M7 2045-65 | 45      | 65      | 0,13                | 0,44                 | 1,61    | 4,77        | 25     | 1,21 | 61,5          | 33,1          |
| M7 1045-70 | 45      | 70      | 0,08                | 0,29                 | 1,02    | 3,32        | 30     | 1,21 | 38,6          | 20,8          | M7 2045-70 | 45      | 70      | 0,14                | 0,45                 | 1,63    | 4,86        | 25     | 1,23 | 62,7          | 33,4          |
| M7 1050-30 | 50      | 30      | 0,08                | 0,26                 | 0,97    | 2,78        | 30     | 1,21 | 32,3          | 17,4          | M7 2050-30 | 50      | 30      | 0,14                | 0,45                 | 1,67    | 4,46        | 25     | 1,23 | 55,9          | 29,8          |
| M7 1050-35 | 50      | 35      | 0,08                | 0,27                 | 0,99    | 2,89        | 30     | 1,21 | 33,6          | 18,1          | M7 2050-35 | 50      | 35      | 0,14                | 0,45                 | 1,69    | 4,58        | 25     | 1,23 | 57,6          | 30,7          |
| M7 1050-40 | 50      | 40      | 0,08                | 0,28                 | 1,01    | 3,00        | 30     | 1,21 | 34,9          | 18,8          | M7 2050-40 | 50      | 40      | 0,15                | 0,46                 | 1,70    | 4,71        | 25     | 1,23 | 59,4          | 31,7          |
| M7 1050-45 | 50      | 45      | 0,09                | 0,28                 | 1,03    | 3,09        | 30     | 1,21 | 36,0          | 19,4          | M7 2050-45 | 50      | 45      | 0,15                | 0,46                 | 1,72    | 4,82        | 25     | 1,23 | 61,1          | 32,6          |
| M7 1050-50 | 50      | 50      | 0,09                | 0,29                 | 1,04    | 3,19        | 30     | 1,21 | 37,2          | 20,1          | M7 2050-50 | 50      | 50      | 0,15                | 0,47                 | 1,73    | 4,94        | 25     | 1,23 | 62,7          | 33,4          |
| M7 1050-55 | 50      | 55      | 0,09                | 0,29                 | 1,06    | 3,29        | 30     | 1,20 | 38,4          | 20,8          | M7 2050-55 | 50      | 55      | 0,15                | 0,47                 | 1,75    | 5,06        | 25     | 1,22 | 64,5          | 34,6          |
| M7 1050-60 | 50      | 60      | 0,09                | 0,30                 | 1,07    | 3,40        | 30     | 1,19 | 39,5          | 21,5          | M7 2050-60 | 50      | 60      | 0,15                | 0,48                 | 1,76    | 5,19        | 25     | 1,21 | 66,3          | 35,7          |
| M7 1050-65 | 50      | 65      | 0,09                | 0,31                 | 1,09    | 3,49        | 30     | 1,20 | 40,6          | 22,0          | M7 2050-65 | 50      | 65      | 0,15                | 0,49                 | 1,78    | 5,29        | 25     | 1,21 | 67,8          | 36,5          |
| M7 1050-70 | 50      | 70      | 0,09                | 0,32                 | 1,11    | 3,58        | 30     | 1,21 | 41,6          | 22,4          | M7 2050-70 | 50      | 70      | 0,15                | 0,50                 | 1,80    | 5,39        | 25     | 1,23 | 69,2          | 36,9          |
| M7 1055-30 | 55      | 30      | 0,09                | 0,29                 | 1,06    | 3,03        | 30     | 1,22 | 35,3          | 18,9          | M7 2055-30 | 55      | 30      | 0,17                | 0,54                 | 2,01    | 4,46        | 25     | 1,23 | 61,2          | 32,6          |
| M7 1055-35 | 55      | 35      | 0,09                | 0,29                 | 1,08    | 3,14        | 30     | 1,22 | 36,6          | 19,6          | M7 2055-35 | 55      | 35      | 0,17                | 0,54                 | 2,03    | 4,58        | 25     | 1,23 | 63,0          | 33,6          |
| M7 1055-40 | 55      | 40      | 0,09                | 0,30                 | 1,09    | 3,26        | 30     | 1,22 | 37,9          | 20,3          | M7 2055-40 | 55      | 40      | 0,18                | 0,55                 | 2,04    | 4,71        | 25     | 1,23 | 64,9          | 34,6          |
| M7 1055-45 | 55      | 45      | 0,09                | 0,30                 | 1,11    | 3,38        | 30     | 1,22 | 39,4          | 21,1          | M7 2055-45 | 55      | 45      | 0,18                | 0,55                 | 2,06    | 4,82        | 25     | 1,23 | 66,7          | 35,6          |
| M7 1055-50 | 55      | 50      | 0,09                | 0,31                 | 1,13    | 3,51        | 30     | 1,22 | 40,8          | 21,9          | M7 2055-50 | 55      | 50      | 0,18                | 0,56                 | 2,07    | 4,94        | 25     | 1,23 | 68,4          | 36,5          |
| M7 1055-55 | 55      | 55      | 0,09                | 0,32                 | 1,15    | 3,58        | 30     | 1,20 | 41,7          | 22,6          | M7 2055-55 | 55      | 55      | 0,18                | 0,57                 | 2,09    | 5,06        | 25     | 1,22 | 70,4          | 37,7          |
| M7 1055-60 | 55      | 60      | 0,10                | 0,33                 | 1,16    | 3,66        | 30     | 1,19 | 42,5          | 23,2          | M7 2055-60 | 55      | 60      | 0,18                | 0,58                 | 2,11    | 5,19        | 25     | 1,21 | 72,3          | 39,0          |
| M7 1055-65 | 55      | 65      | 0,10                | 0,33                 | 1,18    | 3,78        | 30     | 1,20 | 43,9          | 23,8          | M7 2055-65 | 55      | 65      | 0,18                | 0,58                 | 2,13    | 5,29        | 25     | 1,22 | 73,9          | 39,6          |
| M7 1055-70 | 55      | 70      | 0,10                | 0,34                 | 1,19    | 3,90        | 30     | 1,22 | 45,3          | 24,3          | M7 2055-70 | 55      | 70      | 0,18                | 0,59                 | 2,14    | 5,39        | 25     | 1,23 | 75,4          | 40,2          |















## EN 442 - Valori per scaldasalviette

| MODELLO            | H<br>cm | L    | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | n    | Δt50k<br>watt | Δt30k<br>watt | Versione CROMO<br>w.Δt50k/w.Δt30k |
|--------------------|---------|------|---------|---------------------|----------------------|---------|-------------|------|---------------|---------------|-----------------------------------|
| PLATT COLOR 80-49  | 80,5    | 51,6 | 115     | 0,8                 | 3,40                 | 12,1    | 17          | 1,30 | 388           | 199           |                                   |
| PLATT COLOR 80-63  | 80,5    | 65,6 | 115     | 1,0                 | 4,40                 | 15,6    | 21          | 1,30 | 498           | 256           |                                   |
| PLATT COLOR 130-49 | 130,5   | 51,6 | 115     | 1,3                 | 5,20                 | 18,6    | 26          | 1,30 | 610           | 314           |                                   |
| PLATT COLOR 130-63 | 130,5   | 65,6 | 115     | 1,6                 | 6,70                 | 23,9    | 34          | 1,30 | 784           | 403           |                                   |
| PLATT COLOR 180-35 | 180,5   | 37,6 | 115     | 1,3                 | 5,00                 | 18,2    | 25          | 1,30 | 584           | 300           |                                   |
| PLATT COLOR 180-49 | 180,5   | 51,6 | 115     | 1,8                 | 7,00                 | 25,4    | 35          | 1,30 | 817           | 420           |                                   |
| PLATT COLOR 180-63 | 180,5   | 65,6 | 115     | 2,3                 | 9,00                 | 32,7    | 45          | 1,30 | 1051          | 540           |                                   |
| PLATT COLOR 84-50  | 84,5    | 53,0 | 115     | 0,8                 | 3,80                 | 12,5    | 17          | 1,30 | 394           | 203           |                                   |
| PLATT COLOR 133-50 | 133,5   | 53,0 | 115     | 1,3                 | 5,90                 | 19,9    | 26          | 1,30 | 606           | 311           |                                   |
| PLATT INOX 80-49   | 80,5    | 51,6 | 115     | 0,8                 | 3,40                 | 12,1    | 17          | 1,30 | 388           | 199           |                                   |
| PLATT INOX 130-49  | 130,5   | 51,6 | 115     | 1,3                 | 5,20                 | 18,6    | 26          | 1,30 | 610           | 314           |                                   |
| PLATT INOX 130-63  | 130,5   | 65,6 | 115     | 1,6                 | 6,70                 | 23,9    | 34          | 1,30 | 784           | 403           |                                   |
| PLATT INOX 180-35  | 180,5   | 37,6 | 115     | 1,3                 | 5,00                 | 18,2    | 25          | 1,30 | 584           | 300           |                                   |
| PLATT INOX 180-49  | 180,5   | 51,6 | 115     | 1,8                 | 7,00                 | 25,4    | 35          | 1,30 | 817           | 420           |                                   |
| PLATT INOX 180-63  | 180,5   | 65,6 | 115     | 2,3                 | 9,00                 | 32,7    | 45          | 1,30 | 1051          | 540           |                                   |
| PLATT INOX 84-50   | 84,5    | 53,5 | 115     | 0,8                 | 3,80                 | 12,5    | 17          | 1,30 | 394           | 203           |                                   |
| PLATT INOX 133-50  | 133,5   | 53,5 | 115     | 1,3                 | 5,90                 | 19,9    | 26          | 1,30 | 606           | 311           |                                   |
| PLUS 12 90-40      | 86,0    | 40,0 | 40      | 0,7                 | 1,94                 | 7,2     | 36          | 1,22 | 415           | 222           |                                   |
| PLUS 12 90-50      | 86,0    | 50,0 | 40      | 0,8                 | 2,15                 | 7,9     | 41          | 1,22 | 481           | 258           |                                   |
| PLUS 12 120-40     | 116,0   | 40,0 | 40      | 1,0                 | 2,71                 | 9,4     | 49          | 1,22 | 575           | 308           |                                   |
| PLUS 12 120-50     | 116,0   | 50,0 | 40      | 1,2                 | 2,99                 | 11,0    | 57          | 1,22 | 667           | 358           |                                   |
| PLUS 12 150-40     | 146,0   | 40,0 | 40      | 1,3                 | 3,43                 | 12,0    | 62          | 1,22 | 725           | 389           |                                   |
| PLUS 12 150-50     | 146,0   | 50,0 | 40      | 1,5                 | 3,81                 | 14,2    | 72          | 1,22 | 841           | 451           |                                   |
| PLUS 12 150-60     | 146,0   | 60,0 | 40      | 1,7                 | 4,19                 | 16,4    | 84          | 1,22 | 976           | 523           |                                   |
| PLUS 12 180-40     | 176,0   | 40,0 | 40      | 1,6                 | 4,18                 | 14,6    | 77          | 1,22 | 892           | 478           |                                   |
| PLUS 12 180-50     | 176,0   | 50,0 | 40      | 1,8                 | 4,58                 | 17,6    | 89          | 1,22 | 1035          | 555           |                                   |
| PLUS 12 180-60     | 176,0   | 60,0 | 40      | 2,1                 | 5,06                 | 20,0    | 103         | 1,22 | 1201          | 644           |                                   |
| PLUS 12 180-75     | 176,0   | 75,0 | 40      | 2,5                 | 5,78                 | 23,6    | 125         | 1,22 | 1449          | 777           |                                   |
| QUADONDA 90-50     | 90,5    | 50,0 | 80      | 1,0                 | 3,00                 | 6,4     | 45          | 1,28 | 527           | 274           |                                   |
| QUADONDA 90-60     | 90,5    | 60,0 | 80      | 1,1                 | 3,40                 | 7,3     | 51          | 1,28 | 594           | 309           |                                   |
| QUADONDA 135-35    | 134,5   | 35,0 | 80      | 1,1                 | 3,40                 | 7,3     | 52          | 1,28 | 603           | 314           |                                   |
| QUADONDA 135-50    | 134,5   | 50,0 | 80      | 1,4                 | 4,20                 | 9,1     | 64          | 1,28 | 739           | 384           |                                   |
| QUADONDA 135-60    | 134,5   | 60,0 | 80      | 1,6                 | 4,70                 | 10,4    | 71          | 1,28 | 830           | 432           |                                   |
| QUADONDA 180-35    | 178,5   | 35,0 | 80      | 1,5                 | 4,40                 | 9,5     | 67          | 1,28 | 780           | 406           |                                   |
| QUADONDA 180-50    | 178,5   | 50,0 | 80      | 1,8                 | 5,40                 | 1,8     | 82          | 1,28 | 951           | 495           |                                   |
| QUADONDA 180-60    | 178,5   | 60,0 | 80      | 2,0                 | 6,10                 | 13,4    | 93          | 1,28 | 1078          | 561           |                                   |
| QUAR 90-46         | 86,5    | 46,5 | 20      | 0,7                 | 3,70                 | 9,9     | 30          | 1,24 | 347           | 184           |                                   |
| QUAR 120-46        | 118,5   | 46,5 | 20      | 0,9                 | 4,30                 | 11,4    | 40          | 1,24 | 466           | 247           |                                   |
| QUAR 120-54        | 118,5   | 54,5 | 20      | 1,0                 | 4,70                 | 12,5    | 44          | 1,24 | 510           | 270           |                                   |
| QUAR SLIM150-30    | 150,5   | 30,5 | 20      | 0,9                 | 4,40                 | 11,4    | 41          | 1,24 | 478           | 253           |                                   |
| QUAR 150-46        | 150,5   | 46,5 | 20      | 1,1                 | 5,60                 | 14,1    | 50          | 1,24 | 581           | 308           |                                   |
| QUAR 150-54        | 150,5   | 54,5 | 20      | 1,2                 | 5,80                 | 15,4    | 54          | 1,24 | 632           | 335           |                                   |
| QUAR 150-62        | 150,5   | 62,5 | 20      | 1,3                 | 6,30                 | 16,8    | 59          | 1,24 | 683           | 362           |                                   |
| QUAR SLIM 180-30   | 182,5   | 30,5 | 20      | 1,1                 | 5,80                 | 15,3    | 50          | 1,24 | 578           | 306           |                                   |
| QUAR 180-46        | 182,5   | 46,5 | 20      | 1,3                 | 6,40                 | 16,8    | 60          | 1,24 | 696           | 369           |                                   |
| QUAR 180-54        | 182,5   | 54,5 | 20      | 1,5                 | 6,90                 | 18,3    | 65          | 1,24 | 755           | 400           |                                   |
| QUAR 180-62        | 182,5   | 62,5 | 20      | 1,6                 | 7,40                 | 19,9    | 70          | 1,24 | 815           | 432           |                                   |
| QUAR 180-70        | 182,5   | 70,5 | 20      | 1,7                 | 7,90                 | 21,4    | 75          | 1,24 | 876           | 464           |                                   |
| QUAR PLUS 72-40    | 72,0    | 40,0 | 20      | 0,5                 | 3,10                 | 5,3     | 24          | 1,26 | 276           | 145           |                                   |
| QUAR PLUS 72-52    | 72,0    | 52,0 | 20      | 0,6                 | 3,70                 | 6,4     | 29          | 1,26 | 334           | 176           |                                   |
| QUAR PLUS 104-52   | 104,0   | 52,0 | 20      | 0,9                 | 5,20                 | 9,0     | 40          | 1,26 | 468           | 246           |                                   |
| QUAR PLUS 104-64   | 104,0   | 64,0 | 20      | 1,1                 | 6,00                 | 10,5    | 48          | 1,26 | 554           | 291           |                                   |
| QUAR PLUS 136-52   | 136,0   | 52,0 | 20      | 1,2                 | 6,60                 | 11,7    | 53          | 1,26 | 612           | 322           |                                   |
| QUAR PLUS 136-64   | 136,0   | 64,0 | 20      | 1,4                 | 7,70                 | 13,6    | 62          | 1,26 | 716           | 377           |                                   |
| QUAR PLUS 168-40   | 168,0   | 40,0 | 20      | 1,2                 | 6,90                 | 12,0    | 54          | 1,26 | 623           | 328           |                                   |
| QUAR PLUS 168-52   | 168,0   | 52,0 | 20      | 1,4                 | 8,10                 | 14,3    | 65          | 1,26 | 750           | 395           |                                   |
| QUAR PLUS 168-64   | 168,0   | 64,0 | 20      | 1,7                 | 9,40                 | 16,6    | 75          | 1,26 | 877           | 461           |                                   |
| QUAR PLUS 168-76   | 168,0   | 76,0 | 20      | 1,9                 | 10,60                | 19,0    | 86          | 1,26 | 1004          | 528           |                                   |
| QUAR PLUS 200-40   | 200,0   | 40,0 | 20      | 1,4                 | 8,20                 | 14,2    | 64          | 1,26 | 739           | 389           |                                   |
| QUAR PLUS 200-52   | 200,0   | 52,0 | 20      | 1,7                 | 9,60                 | 16,9    | 76          | 1,26 | 889           | 468           |                                   |
| QUAR PLUS 200-64   | 200,0   | 64,0 | 20      | 2,0                 | 11,10                | 19,7    | 89          | 1,26 | 1038          | 546           |                                   |
| QUAR PLUS 200-76   | 200,0   | 76,0 | 20      | 2,3                 | 12,60                | 22,5    | 102         | 1,26 | 1188          | 625           |                                   |

| MODELLO         | H<br>cm | L<br>cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | n    | Δt50k<br>watt | Δt30k<br>watt | Versione CROMO<br>w.Δt50k/w.Δt30k |     |
|-----------------|---------|---------|---------|---------------------|----------------------|---------|-------------|------|---------------|---------------|-----------------------------------|-----|
| SBARRA-1 8-130  | 8,0     | 130,0   | 46      | 0,3                 | 1,70                 | 3,0     | 13          | 1,26 | 149           | 79            |                                   |     |
| SBARRA-1 18-130 | 18,0    | 130,0   | 46      | 0,6                 | 3,40                 | 5,9     | 25          | 1,26 | 286           | 152           |                                   |     |
| SBARRA-1 28-130 | 28,0    | 130,0   | 46      | 0,8                 | 5,10                 | 8,9     | 35          | 1,26 | 412           | 218           |                                   |     |
| SBARRA-2 8-130  | 8,0     | 130,0   | 80      | 0,5                 | 3,40                 | 5,9     | 21          | 1,26 | 245           | 130           |                                   |     |
| SBARRA-2 18-130 | 18,0    | 130,0   | 80      | 0,9                 | 6,80                 | 11,8    | 40          | 1,26 | 470           | 249           |                                   |     |
| SBARRA-2 28-130 | 28,0    | 130,0   | 80      | 1,3                 | 10,20                | 17,7    | 58          | 1,26 | 675           | 358           |                                   |     |
| SBARRA-3 8-130  | 8,0     | 130,0   | 140     | 0,7                 | 5,10                 | 8,9     | 29          | 1,26 | 340           | 180           |                                   |     |
| SBARRA-3 18-130 | 18,0    | 130,0   | 140     | 1,3                 | 10,20                | 17,7    | 56          | 1,26 | 653           | 346           |                                   |     |
| SBARRA-3 28-130 | 28,0    | 130,0   | 140     | 1,9                 | 15,30                | 26,6    | 81          | 1,26 | 939           | 498           |                                   |     |
| SBARRA-1 8-160  | 8,0     | 160,0   | 46      | 0,4                 | 2,10                 | 3,6     | 16          | 1,26 | 184           | 98            |                                   |     |
| SBARRA-1 18-160 | 18,0    | 160,0   | 46      | 0,7                 | 4,20                 | 7,3     | 30          | 1,26 | 353           | 187           |                                   |     |
| SBARRA-1 28-160 | 28,0    | 160,0   | 46      | 1,0                 | 6,30                 | 10,9    | 44          | 1,26 | 507           | 269           |                                   |     |
| SBARRA-2 8-160  | 8,0     | 160,0   | 80      | 0,6                 | 4,20                 | 7,3     | 26          | 1,26 | 301           | 160           |                                   |     |
| SBARRA-2 18-160 | 18,0    | 160,0   | 80      | 1,1                 | 8,40                 | 14,5    | 50          | 1,26 | 578           | 306           |                                   |     |
| SBARRA-2 28-160 | 28,0    | 160,0   | 80      | 1,6                 | 12,60                | 21,8    | 71          | 1,26 | 831           | 440           |                                   |     |
| SBARRA-3 8-160  | 8,0     | 160,0   | 140     | 0,8                 | 6,30                 | 10,9    | 36          | 1,26 | 419           | 222           |                                   |     |
| SBARRA-3 18-160 | 18,0    | 160,0   | 140     | 1,6                 | 12,60                | 21,8    | 69          | 1,26 | 804           | 426           |                                   |     |
| SBARRA-3 28-160 | 28,0    | 160,0   | 140     | 2,3                 | 18,80                | 32,7    | 99          | 1,26 | 1156          | 613           |                                   |     |
| SHAR 70-45      | 71,8    | 45,0    | 30      | 0,59                | 3,12                 | 4,9     | 30          | 1,30 | 353           | 181           |                                   |     |
| SHAR 70-50      | 71,8    | 50,0    | 30      | 0,65                | 3,27                 | 5,3     | 33          | 1,30 | 389           | 200           | 311                               | 160 |
| SHAR 70-60      | 71,8    | 60,0    | 30      | 0,76                | 3,59                 | 6,1     | 39          | 1,30 | 458           | 235           |                                   |     |
| SHAR 70-75      | 71,8    | 75,0    | 30      | 0,91                | 4,07                 | 7,4     | 45          | 1,30 | 552           | 284           |                                   |     |
| SHAR 110-45     | 110,3   | 45,0    | 30      | 0,89                | 4,74                 | 7,4     | 45          | 1,30 | 526           | 270           |                                   |     |
| SHAR 110-50     | 110,3   | 50,0    | 30      | 0,98                | 4,97                 | 8,0     | 50          | 1,30 | 580           | 298           | 464                               | 238 |
| SHAR 110-60     | 110,3   | 60,0    | 30      | 1,15                | 5,45                 | 9,2     | 59          | 1,30 | 684           | 352           |                                   |     |
| SHAR 140-33     | 140,6   | 33,0    | 30      | 0,87                | 4,51                 | 7,3     | 40          | 1,30 | 468           | 241           | 374                               | 193 |
| SHAR 140-45     | 140,6   | 45,0    | 30      | 1,12                | 6,00                 | 9,3     | 56          | 1,30 | 653           | 336           |                                   |     |
| SHAR 140-50     | 140,6   | 50,0    | 30      | 1,23                | 6,29                 | 10,0    | 62          | 1,30 | 720           | 370           | 576                               | 296 |
| SHAR 140-60     | 140,6   | 60,0    | 30      | 1,44                | 6,88                 | 11,6    | 73          | 1,30 | 851           | 437           |                                   |     |
| SHAR 180-33     | 181,8   | 33,0    | 30      | 1,15                | 4,89                 | 9,7     | 53          | 1,30 | 618           | 318           | 494                               | 254 |
| SHAR 180-45     | 181,8   | 45,0    | 30      | 1,49                | 7,85                 | 12,2    | 75          | 1,30 | 870           | 447           |                                   |     |
| SHAR 180-50     | 181,8   | 50,0    | 30      | 1,91                | 8,24                 | 13,2    | 82          | 1,30 | 955           | 491           | 764                               | 393 |
| SHAR 180-60     | 181,8   | 60,0    | 30      | 1,91                | 9,03                 | 15,3    | 97          | 1,30 | 1126          | 579           | 901                               | 463 |
| SHAR 180-75     | 181,8   | 75,0    | 30      | 2,33                | 10,21                | 18,1    | 117         | 1,30 | 1363          | 701           |                                   |     |
| SHAR 180-90     | 181,8   | 90,0    | 30      | 2,76                | 11,40                | 21,1    | 141         | 1,30 | 1640          | 843           |                                   |     |
| SLIDE 48-128    | 48,0    | 128,0   | 150     | 0,61                | 7,50                 | 18,3    | 53          | 1,24 | 617           | 327           |                                   |     |
| SLIDE 62-152    | 62,0    | 152,0   | 150     | 1,01                | 11,40                | 28,6    | 80          | 1,24 | 934           | 495           |                                   |     |
| SLIDE 136-50    | 136,0   | 50,0    | 150     | 0,79                | 7,90                 | 20,6    | 56          | 1,24 | 647           | 343           |                                   |     |
| SLIDE 180-50    | 180,0   | 50,0    | 150     | 1,04                | 11,00                | 28,2    | 78          | 1,24 | 904           | 479           |                                   |     |
| SO-FLEX 77-80   | 77,0    | 80,0    | 130     | 1,34                | 5,40                 | 18,4    | 25          | 1,26 | 583           | 300           |                                   |     |
| SO-FLEX 77-120  | 77,0    | 120,0   | 130     | 1,99                | 8,20                 | 27,6    | 38          | 1,26 | 875           | 450           |                                   |     |
| SO-FLEX 130-49  | 130,0   | 49,0    | 130     | 1,40                | 5,20                 | 18,6    | 26          | 1,26 | 610           | 314           |                                   |     |
| SO-FLEX 130-63  | 130,0   | 63,0    | 130     | 1,77                | 6,70                 | 23,9    | 34          | 1,26 | 784           | 403           |                                   |     |
| SO-FLEX 180-49  | 180,0   | 49,0    | 130     | 1,92                | 7,00                 | 25,4    | 35          | 1,26 | 817           | 420           |                                   |     |
| SO-FLEX 180-63  | 180,0   | 63,0    | 130     | 2,44                | 9,00                 | 32,7    | 45          | 1,26 | 1051          | 540           |                                   |     |
| SO-FLEX 133-50  | 133,0   | 50,0    | 130     | 1,46                | 5,90                 | 19,9    | 26          | 1,26 | 606           | 311           |                                   |     |
| START 75-45     | 75,0    | 45,0    | 47      | 0,53                | 1,46                 | 4,4     | 28          | 1,30 | 339           | 174           |                                   |     |
| START 75-55     | 75,0    | 55,0    | 47      | 0,62                | 1,65                 | 5,0     | 34          | 1,30 | 401           | 206           |                                   |     |
| START 90-45     | 90,0    | 45,0    | 47      | 0,65                | 1,79                 | 5,4     | 35          | 1,30 | 409           | 210           | 327                               | 168 |
| START 90-55     | 90,0    | 55,0    | 47      | 0,77                | 2,03                 | 6,2     | 42          | 1,30 | 484           | 249           |                                   |     |
| START 90-60     | 90,0    | 60,0    | 47      | 0,82                | 2,15                 | 6,6     | 46          | 1,30 | 522           | 268           |                                   |     |
| START 120-45    | 120,0   | 45,0    | 47      | 0,91                | 2,46                 | 7,4     | 48          | 1,30 | 552           | 284           | 442                               | 227 |
| START 120-55    | 120,0   | 55,0    | 47      | 1,06                | 2,79                 | 8,6     | 58          | 1,30 | 654           | 336           | 523                               | 269 |
| START 120-60    | 120,0   | 60,0    | 47      | 1,14                | 2,95                 | 9,1     | 64          | 1,30 | 706           | 363           |                                   |     |
| START 150-35    | 150,0   | 35,0    | 47      | 0,95                | 2,43                 | 7,1     | 38          | 1,30 | 573           | 295           | 458                               | 236 |
| START 150-45    | 150,0   | 45,0    | 47      | 1,16                | 3,12                 | 9,4     | 60          | 1,30 | 703           | 361           | 562                               | 289 |
| START 150-55    | 150,0   | 55,0    | 47      | 1,36                | 3,54                 | 10,9    | 74          | 1,30 | 832           | 428           | 666                               | 343 |
| START 150-60    | 150,0   | 60,0    | 47      | 1,46                | 3,76                 | 11,6    | 81          | 1,30 | 896           | 461           |                                   |     |
| START 180-35    | 180,0   | 35,0    | 47      | 1,16                | 2,94                 | 9,6     | 47          | 1,30 | 706           | 363           | 565                               | 291 |
| START 180-45    | 180,0   | 45,0    | 47      | 1,41                | 3,78                 | 11,5    | 74          | 1,30 | 861           | 443           |                                   |     |
| START 180-55    | 180,0   | 55,0    | 47      | 1,66                | 4,30                 | 13,3    | 91          | 1,30 | 1016          | 522           | 813                               | 418 |
| START 180-60    | 180,0   | 60,0    | 47      | 1,78                | 4,56                 | 14,2    | 99          | 1,30 | 1094          | 562           |                                   |     |
| START 180-70    | 180,0   | 70,0    | 47      | 2,03                | 5,08                 | 15,9    | 115         | 1,30 | 1249          | 642           |                                   |     |



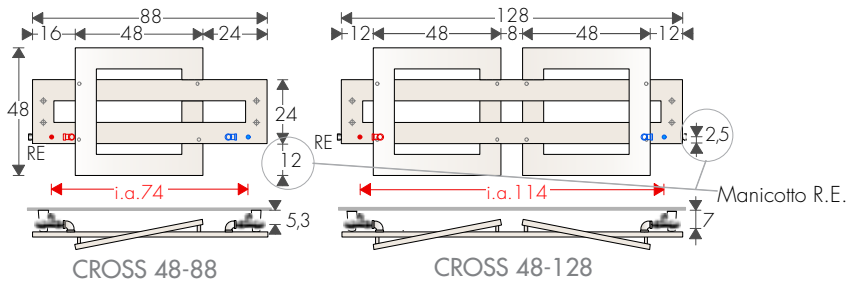
| MODELLO           | H     | L     | p   | A              | V               | M    | qms  | n    | Δt50k | Δt30k | Versione CROMO |         |
|-------------------|-------|-------|-----|----------------|-----------------|------|------|------|-------|-------|----------------|---------|
|                   | cm    | cm    | mm  | m <sup>2</sup> | dm <sup>3</sup> | Kg   | Kg/h |      | watt  | watt  | w.Δt50k        | w.Δt30k |
| ST-CURVO 60-55    | 60,0  | 54,0  | 60  | 0,50           | 1,53            | 4,1  | 28   | 1,30 | 320   | 164   | 256            | 131     |
| ST-CURVO 90-55    | 90,0  | 54,0  | 60  | 0,80           | 2,03            | 6,2  | 42   | 1,30 | 484   | 249   | 387            | 199     |
| ST-CURVO 120-55   | 120,0 | 54,0  | 60  | 1,10           | 2,79            | 8,6  | 56   | 1,30 | 654   | 336   | 523            | 269     |
| ST-CURVO 150-55   | 150,0 | 54,0  | 60  | 1,30           | 3,54            | 10,9 | 72   | 1,30 | 832   | 428   | 666            | 343     |
| ST-CURVO 180-55   | 180,0 | 54,0  | 60  | 1,60           | 4,30            | 13,3 | 87   | 1,30 | 1016  | 522   | 813            | 418     |
| SUVAS 50-140      | 50,0  | 137,8 | 75  | 1,10           | 2,17            | 7,0  | 55   | 1,28 | 644   | 335   | 515            | 268     |
| SUVAS 60-140      | 60,0  | 137,8 | 75  | 1,30           | 2,69            | 8,7  | 69   | 1,28 | 800   | 416   | 640            | 333     |
| SUVAS 75-140      | 75,0  | 137,8 | 75  | 1,70           | 3,47            | 11,3 | 89   | 1,28 | 1034  | 538   | 827            | 430     |
| TRAP 105-65       | 103,0 | 65,2  | 48  | 1,20           | 3,60            | 10,0 | 54   | 1,28 | 632   | 329   |                |         |
| TRAP 170-75       | 168,0 | 76,3  | 48  | 1,70           | 5,40            | 14,8 | 79   | 1,28 | 921   | 479   |                |         |
| THUN 80-50        | 77,0  | 50,0  | 45  | 0,70           | 2,40            | 6,9  | 37   | 1,23 | 432   | 230   |                |         |
| THUN 100-50       | 101,7 | 50,0  | 45  | 0,90           | 3,00            | 8,4  | 46   | 1,23 | 531   | 283   | 425            | 227     |
| THUN 100-65       | 101,7 | 67,0  | 45  | 1,20           | 3,50            | 11,1 | 58   | 1,23 | 672   | 358   |                |         |
| THUN 140-50       | 143,0 | 50,0  | 45  | 1,30           | 4,30            | 12,2 | 65   | 1,23 | 761   | 406   | 609            | 325     |
| THUN 140-65       | 143,0 | 67,0  | 45  | 1,70           | 5,00            | 16,1 | 83   | 1,23 | 963   | 513   |                |         |
| THUN 180-50       | 184,2 | 50,0  | 45  | 1,70           | 5,60            | 15,9 | 86   | 1,23 | 999   | 532   | 799            | 425     |
| THUN 180-65       | 184,2 | 67,0  | 45  | 2,20           | 6,50            | 21,0 | 109  | 1,23 | 1265  | 674   |                |         |
| THUN DUE 55-100   | 55,0  | 97,0  | 45  | 1,10           | 3,20            | 13,6 | 57   | 1,23 | 662   | 353   |                |         |
| THUN DUE 55-130   | 55,0  | 127,0 | 45  | 1,40           | 3,80            | 18,0 | 72   | 1,23 | 838   | 447   |                |         |
| THUN TRE 55-145   | 55,0  | 144,0 | 45  | 1,70           | 4,70            | 20,0 | 85   | 1,23 | 993   | 529   |                |         |
| THUN DUE 66-100   | 66,0  | 97,0  | 45  | 1,30           | 3,70            | 15,1 | 63   | 1,23 | 728   | 388   |                |         |
| THUN DUE 66-130   | 66,0  | 127,0 | 45  | 1,60           | 4,30            | 20,0 | 79   | 1,23 | 922   | 491   |                |         |
| THUN TRE 66-145   | 66,0  | 144,0 | 45  | 1,90           | 5,30            | 22,3 | 94   | 1,23 | 1092  | 582   |                |         |
| THUN DUE 80-100   | 80,0  | 97,0  | 45  | 1,50           | 4,50            | 18,6 | 77   | 1,23 | 897   | 478   |                |         |
| THUN DUE 80-130   | 80,0  | 127,0 | 45  | 2,00           | 5,20            | 24,6 | 98   | 1,23 | 1135  | 605   |                |         |
| UNI-PLATT 80-49   | 80,5  | 50,3  | 97  | 0,8            | 3,10            | 11,3 | 17   | 1,30 | 388   | 199   |                |         |
| UNI-PLATT 130-49  | 130,5 | 50,3  | 97  | 1,3            | 5,10            | 18,3 | 26   | 1,30 | 610   | 314   |                |         |
| UNI-PLATT 130-56  | 130,5 | 57,3  | 97  | 1,5            | 5,80            | 21,2 | 30   | 1,30 | 697   | 358   |                |         |
| UNI-PLATT 180-42  | 180,5 | 43,3  | 97  | 1,5            | 5,80            | 21,2 | 30   | 1,30 | 701   | 360   |                |         |
| UNI-PLATT 180-49  | 180,5 | 50,3  | 97  | 1,8            | 7,00            | 25,4 | 35   | 1,30 | 817   | 420   |                |         |
| UNI-PLATT 180-56  | 180,5 | 57,3  | 97  | 2,0            | 7,80            | 28,2 | 40   | 1,30 | 934   | 480   |                |         |
| UNI-PLATT 84-50   | 84,5  | 51,6  | 97  | 0,8            | 3,10            | 11,3 | 17   | 1,30 | 394   | 203   |                |         |
| UNI-PLATT 133-50  | 133,5 | 51,6  | 97  | 1,3            | 5,10            | 18,3 | 26   | 1,30 | 606   | 311   |                |         |
| UNI-LAM 80-49     | 80,5  | 50,3  | 97  | 0,8            | 3,10            | 11,3 | 27   | 1,30 | 619   | 318   |                |         |
| UNI-LAM 120-49    | 120,5 | 50,3  | 97  | 1,2            | 4,70            | 16,9 | 37   | 1,30 | 863   | 444   |                |         |
| VINCI 67-77       | 67,0  | 77,0  | 48  | 0,8            | 2,40            | 6,6  | 36   | 1,24 | 419   | 222   | 205            | 109     |
| VINCI 87-101      | 87,0  | 101,0 | 48  | 1,0            | 3,20            | 8,6  | 47   | 1,24 | 544   | 288   | 314            | 166     |
| VINCI 180-65      | 180,0 | 65,0  | 48  | 1,7            | 5,40            | 14,2 | 76   | 1,24 | 886   | 470   | 355            | 188     |
| VISION-1 48-48    | 48,0  | 48,0  | 140 | 0,6            | 3,90            | 6,4  | 28   | 1,23 | 322   | 172   |                |         |
| VISION-2 48-48    | 48,0  | 48,0  | 240 | 0,9            | 5,70            | 9,3  | 40   | 1,23 | 462   | 246   |                |         |
| VISION-1 56-56    | 56,0  | 56,0  | 140 | 0,8            | 4,70            | 7,8  | 34   | 1,23 | 391   | 208   |                |         |
| VISION-2 56-56    | 56,0  | 56,0  | 240 | 1,1            | 6,90            | 11,4 | 49   | 1,23 | 565   | 301   |                |         |
| VISION-1 64-64    | 64,0  | 64,0  | 140 | 0,9            | 5,60            | 9,2  | 40   | 1,23 | 461   | 246   |                |         |
| VISION-2 64-64    | 64,0  | 64,0  | 240 | 1,3            | 8,20            | 13,5 | 57   | 1,23 | 667   | 356   |                |         |
| VISION-1 48-80    | 48,0  | 80,0  | 140 | 0,9            | 5,60            | 9,2  | 40   | 1,23 | 461   | 246   |                |         |
| VISION-2 48-80    | 48,0  | 80,0  | 240 | 1,3            | 8,20            | 13,5 | 57   | 1,23 | 667   | 356   |                |         |
| VISION-1 56-96    | 56,0  | 96,0  | 140 | 1,1            | 10,4            | 17,1 | 49   | 1,23 | 565   | 301   |                |         |
| VISION-2 56-96    | 56,0  | 96,0  | 240 | 1,6            | 17,2            | 28,3 | 71   | 1,23 | 821   | 438   |                |         |
| VISION-1 64-112   | 64,0  | 112,0 | 140 | 1,3            | 12,3            | 20,2 | 58   | 1,23 | 669   | 357   |                |         |
| VISION-2 64-112   | 64,0  | 112,0 | 240 | 1,9            | 20,3            | 33,5 | 84   | 1,23 | 975   | 520   |                |         |
| VISION-1ST 80-48  | 80,0  | 48,0  | 140 | 0,9            | 5,60            | 9,2  | 41   | 1,25 | 475   | 251   |                |         |
| VISION-2ST 80-48  | 80,0  | 48,0  | 240 | 1,3            | 8,20            | 13,5 | 59   | 1,25 | 681   | 360   |                |         |
| VISION-1ST 96-56  | 96,0  | 56,0  | 140 | 1,2            | 6,80            | 11,6 | 50   | 1,25 | 583   | 308   |                |         |
| VISION-2ST 96-56  | 96,0  | 56,0  | 240 | 1,7            | 10,2            | 16,9 | 72   | 1,25 | 838   | 442   |                |         |
| VISION-1ST 128-48 | 128,0 | 48,0  | 140 | 1,4            | 8,20            | 14,5 | 60   | 1,25 | 701   | 370   |                |         |
| VISION-2ST 128-48 | 128,0 | 48,0  | 240 | 2,0            | 12,0            | 21,3 | 87   | 1,25 | 1006  | 531   |                |         |
| VISION-1ST 128-56 | 128,0 | 56,0  | 140 | 1,5            | 9,20            | 15,4 | 64   | 1,25 | 745   | 393   |                |         |
| VISION-2ST 128-56 | 128,0 | 56,0  | 240 | 2,1            | 13,5            | 22,4 | 92   | 1,25 | 1067  | 563   |                |         |
| VISION-1ST 176-40 | 176,0 | 40,0  | 140 | 1,7            | 9,90            | 16,5 | 75   | 1,25 | 877   | 463   |                |         |
| VISION-2ST 176-40 | 176,0 | 40,0  | 240 | 2,5            | 14,6            | 24,2 | 109  | 1,25 | 1265  | 668   |                |         |
| VISION-1ST 176-48 | 176,0 | 48,0  | 140 | 1,8            | 10,9            | 18,3 | 80   | 1,25 | 926   | 489   |                |         |
| VISION-2ST 176-48 | 176,0 | 48,0  | 240 | 2,6            | 16,0            | 26,7 | 114  | 1,25 | 1331  | 703   |                |         |
| VISION-1ST 176-56 | 176,0 | 56,0  | 140 | 1,9            | 12,3            | 19,2 | 84   | 1,25 | 976   | 515   |                |         |
| VISION-2ST 176-56 | 176,0 | 56,0  | 240 | 2,8            | 16,7            | 28,0 | 120  | 1,25 | 1397  | 738   |                |         |

# SCALDASALVIETTE CROSS

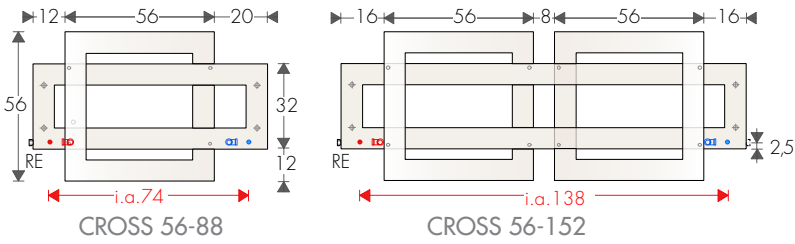
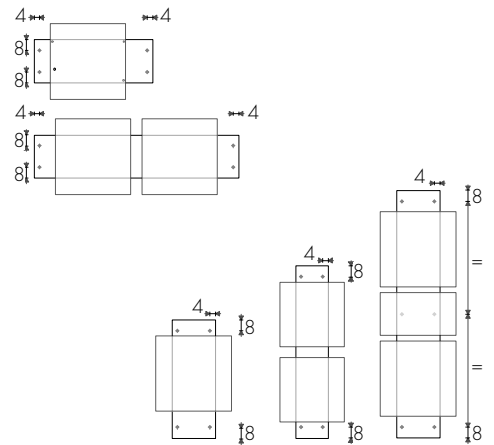
EN 442 - Valori per scaldasalviette

| MODELLO          | H<br>cm | L<br>(da - a) cm | p<br>mm | A<br>m <sup>2</sup> | V<br>dm <sup>3</sup> | M<br>Kg | qms<br>Kg/h | n    | Δt50k<br>watt | Δt30k<br>watt | Versione CROMO |         |
|------------------|---------|------------------|---------|---------------------|----------------------|---------|-------------|------|---------------|---------------|----------------|---------|
|                  |         |                  |         |                     |                      |         |             |      |               |               | w.Δt50k        | w.Δt30k |
| CROSS-Q 48-88    | 48      | 88               | 60      | 0,8                 | 4,8                  | 7,9     | 34          | 1,25 | 394           | 208           | 339            | 179     |
| CROSS-Q 48-128   | 48      | 128              | 60      | 1,3                 | 7,7                  | 12,8    | 55          | 1,25 | 635           | 335           | 533            | 281     |
| CROSS-Q 56-88    | 56      | 88               | 60      | 0,8                 | 5,2                  | 8,6     | 37          | 1,25 | 429           | 227           | 369            | 195     |
| CROSS-Q 56-152   | 56      | 152              | 60      | 1,5                 | 9,4                  | 15,6    | 66          | 1,25 | 772           | 408           | 648            | 342     |
| CROSS-Q 64-96    | 64      | 96               | 60      | 1,0                 | 5,9                  | 9,7     | 41          | 1,25 | 480           | 253           | 413            | 218     |
| CROSS-Q 64-168   | 64      | 168              | 60      | 1,8                 | 10,7                 | 17,6    | 77          | 1,25 | 892           | 471           | 758            | 400     |
| CROSS-Q 88-48    | 88      | 48               | 60      | 0,8                 | 4,8                  | 7,9     | 34          | 1,25 | 394           | 208           | 339            | 179     |
| CROSS-Q 88-56    | 88      | 56               | 60      | 0,8                 | 5,2                  | 8,6     | 37          | 1,25 | 429           | 227           | 369            | 195     |
| CROSS-Q 88-64    | 88      | 64               | 60      | 0,9                 | 5,7                  | 9,3     | 40          | 1,25 | 463           | 244           | 398            | 210     |
| CROSS-Q 88-120   | 88      | 120              | 60      | 1,2                 | 7,5                  | 12,4    | 53          | 1,25 | 617           | 326           |                |         |
| CROSS-Q 128-48   | 128     | 48               | 60      | 1,2                 | 7,7                  | 12,8    | 54          | 1,25 | 623           | 329           | 511            | 270     |
| CROSS-Q 128-56   | 128     | 56               | 60      | 1,3                 | 8,2                  | 13,5    | 56          | 1,25 | 656           | 346           | 538            | 284     |
| CROSS-Q 128-64   | 128     | 64               | 60      | 1,4                 | 8,8                  | 14,5    | 61          | 1,25 | 707           | 373           |                |         |
| CROSS-Q 152-48   | 152     | 48               | 60      | 1,3                 | 8,4                  | 13,8    | 58          | 1,25 | 673           | 355           |                |         |
| CROSS-Q 152-56   | 152     | 56               | 60      | 1,5                 | 9,4                  | 15,6    | 65          | 1,25 | 757           | 400           | 621            | 328     |
| CROSS-Q 152-64   | 152     | 64               | 60      | 1,6                 | 9,8                  | 16,2    | 68          | 1,25 | 791           | 418           | 733            | 387     |
| CROSS-Q 168-64   | 168     | 64               | 60      | 1,7                 | 11,3                 | 18,7    | 75          | 1,25 | 875           | 462           |                |         |
| CROSS-Q 184-48   | 184     | 48               | 60      | 1,8                 | 11,3                 | 18,7    | 77          | 1,25 | 890           | 470           | 712            | 376     |
| CROSS-Q 184-56   | 184     | 56               | 60      | 1,9                 | 12,1                 | 20,0    | 82          | 1,25 | 956           | 505           | 880            | 465     |
| CROSS-Q 184-64   | 184     | 64               | 60      | 2,1                 | 13,2                 | 21,8    | 89          | 1,25 | 1038          | 548           |                |         |
| CROSS 48-88      | 48      | 88               | 110     | 0,8                 | 4,8                  | 7,9     | 34          | 1,25 | 394           | 208           |                |         |
| CROSS 48-128     | 48      | 128              | 110     | 1,3                 | 7,7                  | 12,8    | 55          | 1,25 | 635           | 335           |                |         |
| CROSS 56-88      | 56      | 88               | 110     | 0,8                 | 5,2                  | 8,6     | 37          | 1,25 | 429           | 227           |                |         |
| CROSS 56-152     | 56      | 152              | 110     | 1,5                 | 9,4                  | 15,6    | 66          | 1,25 | 772           | 408           |                |         |
| CROSS 64-96      | 64      | 96               | 110     | 1,0                 | 5,9                  | 9,7     | 41          | 1,25 | 480           | 253           |                |         |
| CROSS 64-168     | 64      | 168              | 110     | 1,8                 | 10,7                 | 17,6    | 77          | 1,25 | 892           | 471           |                |         |
| CROSS 88-48      | 88      | 48               | 110     | 0,8                 | 4,8                  | 7,9     | 34          | 1,25 | 394           | 208           |                |         |
| CROSS 88-56      | 88      | 56               | 110     | 0,8                 | 5,2                  | 8,6     | 37          | 1,25 | 429           | 227           |                |         |
| CROSS 88-64      | 88      | 64               | 110     | 0,9                 | 5,7                  | 9,3     | 40          | 1,25 | 463           | 244           |                |         |
| CROSS 128-48     | 128     | 48               | 110     | 1,2                 | 7,7                  | 12,8    | 54          | 1,25 | 623           | 329           |                |         |
| CROSS 128-56     | 128     | 56               | 110     | 1,3                 | 8,2                  | 13,5    | 56          | 1,25 | 656           | 346           |                |         |
| CROSS 128-64     | 128     | 64               | 110     | 1,4                 | 8,8                  | 14,5    | 61          | 1,25 | 707           | 373           |                |         |
| CROSS 152-48     | 152     | 48               | 110     | 1,3                 | 8,4                  | 13,8    | 58          | 1,25 | 673           | 355           |                |         |
| CROSS 152-56     | 152     | 56               | 110     | 1,5                 | 9,4                  | 15,6    | 65          | 1,25 | 757           | 400           |                |         |
| CROSS 152-64     | 152     | 64               | 110     | 1,6                 | 9,8                  | 16,2    | 68          | 1,25 | 791           | 418           |                |         |
| CROSS 168-64     | 168     | 64               | 110     | 1,7                 | 11,3                 | 18,7    | 75          | 1,25 | 875           | 462           |                |         |
| CROSS 184-48     | 184     | 48               | 110     | 1,8                 | 11,3                 | 18,7    | 77          | 1,25 | 890           | 470           |                |         |
| CROSS 184-56     | 184     | 56               | 110     | 1,9                 | 12,1                 | 20,0    | 82          | 1,25 | 956           | 505           |                |         |
| CROSS 184-64     | 184     | 64               | 110     | 2,1                 | 13,2                 | 21,8    | 89          | 1,25 | 1038          | 548           |                |         |
| CROSS-R 70-80    | 71      | 80               | 60      | 0,8                 | 4,4                  | 7,3     | 33          | 1,25 | 379           | 200           |                |         |
| CROSS-R 70-104   | 71      | 104              | 60      | 0,9                 | 5,0                  | 8,3     | 37          | 1,25 | 433           | 229           | 364            | 193     |
| CROSS-RD 70-104  | 71      | 104              | 100     | 1,2                 | 7,1                  | 11,8    | 52          | 1,25 | 610           | 322           |                |         |
| CROSS-R 70-144   | 71      | 144              | 60      | 1,0                 | 6,1                  | 10,0    | 45          | 1,25 | 523           | 276           | 439            | 232     |
| CROSS-RD 70-144  | 71      | 144              | 100     | 1,4                 | 8,2                  | 13,5    | 60          | 1,25 | 700           | 370           |                |         |
| CROSS-R 137-60   | 137,4   | 60               | 60      | 1,0                 | 5,8                  | 9,5     | 42          | 1,25 | 484           | 256           | 387            | 205     |
| CROSS-RD 137-60  | 137,4   | 60               | 100     | 1,3                 | 7,7                  | 12,8    | 55          | 1,25 | 635           | 335           |                |         |
| CROSS-4R 137-60  | 137,4   | 60               | 100     | 1,8                 | 11,7                 | 19,4    | 77          | 1,25 | 901           | 476           |                |         |
| CROSS-R 177-68   | 177,4   | 68               | 60      | 1,2                 | 7,0                  | 11,6    | 51          | 1,25 | 590           | 312           | 472            | 250     |
| CROSS-RD 177-68  | 177,4   | 68               | 100     | 1,5                 | 9,2                  | 15,2    | 65          | 1,25 | 755           | 399           | 605            | 320     |
| CROSS-2R 83-144  | 83      | 144              | 60      | 1,3                 | 8,1                  | 13,4    | 61          | 1,25 | 704           | 372           |                |         |
| CROSS-2R 70-168  | 71      | 168              | 60      | 1,4                 | 8,8                  | 14,5    | 65          | 1,25 | 758           | 400           |                |         |
| CROSS-2R 177-68  | 177,4   | 68               | 60      | 1,5                 | 9,2                  | 15,2    | 65          | 1,25 | 760           | 401           |                |         |
| CROSS-3R 70-168  | 71      | 168              | 100     | 1,7                 | 10,9                 | 18,0    | 81          | 1,25 | 938           | 495           |                |         |
| CROSS-3R 177-68  | 177,4   | 68               | 100     | 1,8                 | 11,4                 | 18,8    | 77          | 1,25 | 898           | 474           |                |         |
| CROSS-4R 177-68  | 177,4   | 68               | 100     | 2,1                 | 13,6                 | 22,5    | 90          | 1,25 | 1046          | 552           |                |         |
| CROSS-R 104-48   | 104     | 48               | 60      | 1,0                 | 6,3                  | 10,4    | 43          | 1,25 | 505           | 267           |                |         |
| CROSS-R 104-56   | 104     | 56               | 60      | 1,1                 | 6,9                  | 11,4    | 48          | 1,25 | 555           | 293           |                |         |
| CROSS-R 104-64   | 104     | 64               | 60      | 1,2                 | 7,3                  | 12,1    | 51          | 1,25 | 589           | 311           |                |         |
| CROSS-R 144-48   | 144     | 48               | 60      | 1,4                 | 8,8                  | 14,5    | 60          | 1,25 | 692           | 365           |                |         |
| CROSS-R 144-56   | 144     | 56               | 60      | 1,5                 | 9,6                  | 15,9    | 65          | 1,25 | 758           | 400           |                |         |
| CROSS-R 144-64   | 144     | 64               | 60      | 1,6                 | 10,3                 | 16,9    | 69          | 1,25 | 808           | 427           |                |         |
| CROSS-R 184-48   | 184     | 48               | 60      | 1,8                 | 11,7                 | 19,4    | 77          | 1,25 | 901           | 476           |                |         |
| CROSS-R 184-56   | 184     | 56               | 60      | 1,9                 | 12,8                 | 21,1    | 84          | 1,25 | 982           | 518           |                |         |
| CROSS-R 184-64   | 184     | 64               | 60      | 2,1                 | 13,6                 | 22,5    | 90          | 1,25 | 1046          | 552           |                |         |
| C-DIVIS 164-48   | 164     | 48               | 110     | 1,3                 | 8,4                  | 13,8    | 58          | 1,25 | 673           | 355           |                |         |
| C-DIVIS 196-48   | 196     | 48               | 110     | 1,8                 | 11,3                 | 18,7    | 77          | 1,25 | 890           | 470           |                |         |
| C-DIVIS 196-48/4 | 196     | 48               | 110     | 1,8                 | 11,7                 | 19,4    | 77          | 1,25 | 901           | 476           |                |         |

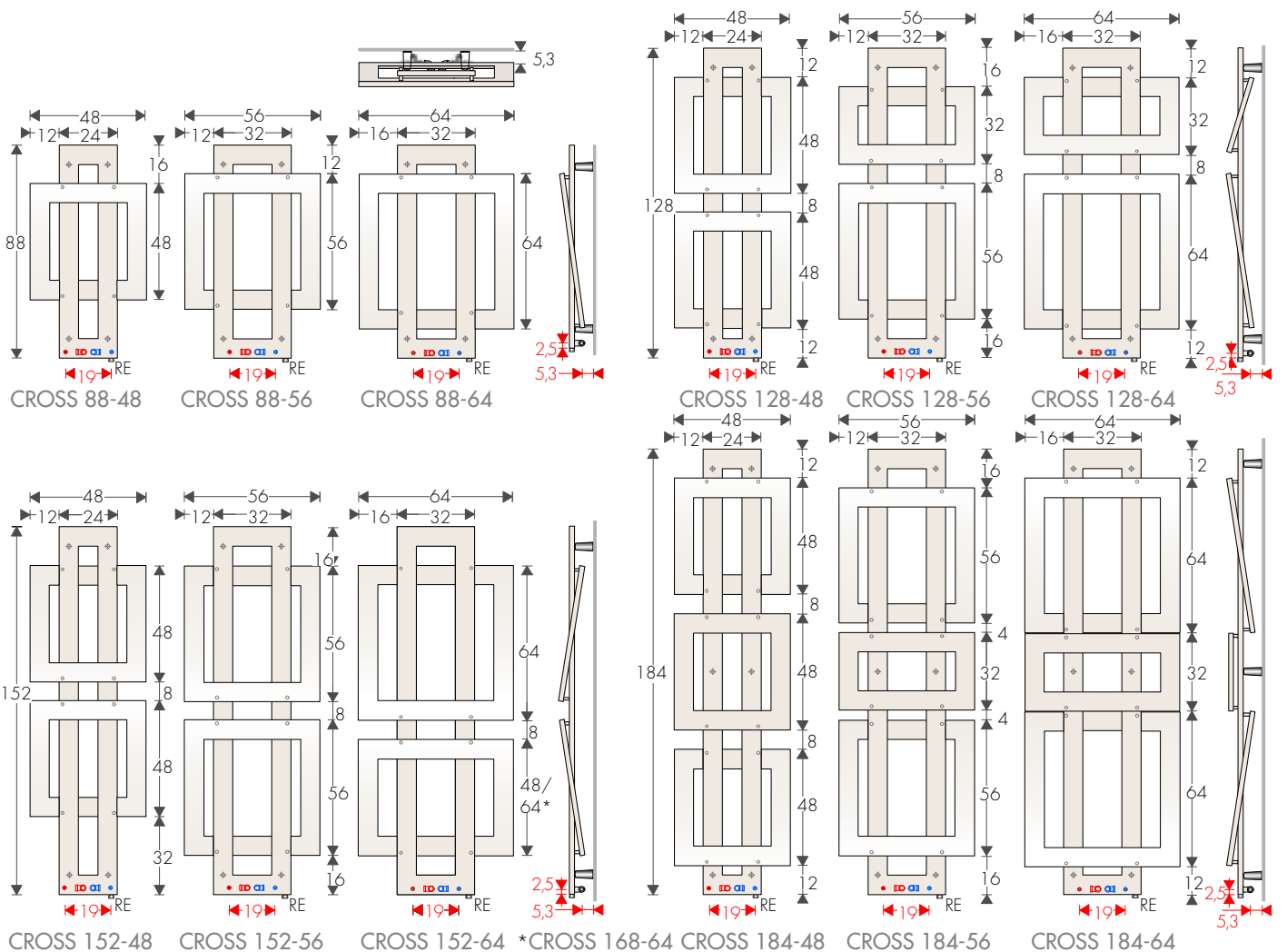
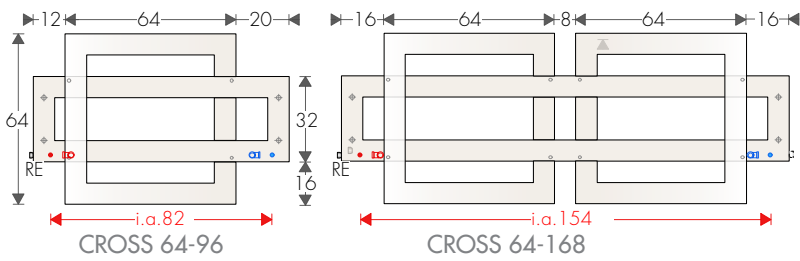
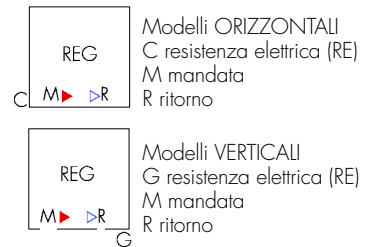
# INTERASSI E FISSAGGI CROSS A QUADRI INCROCIATI



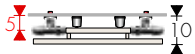
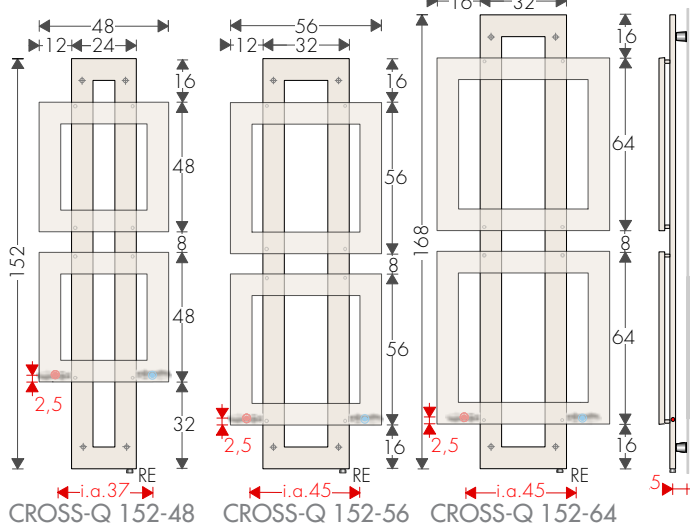
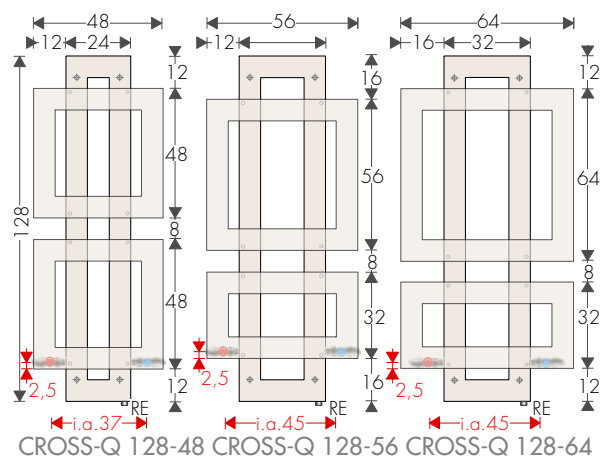
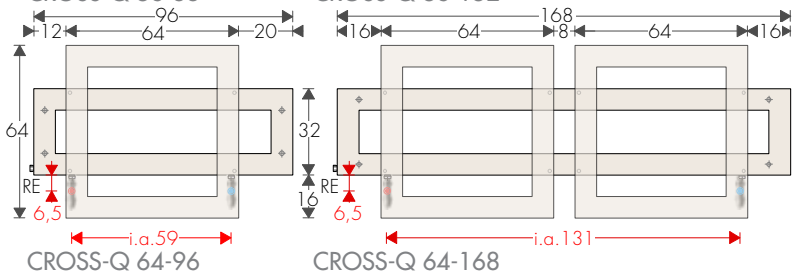
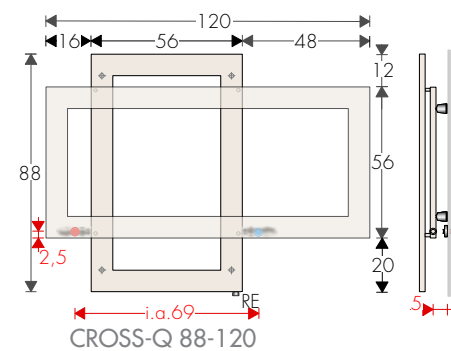
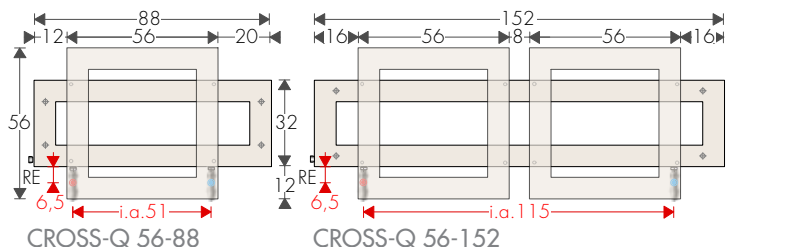
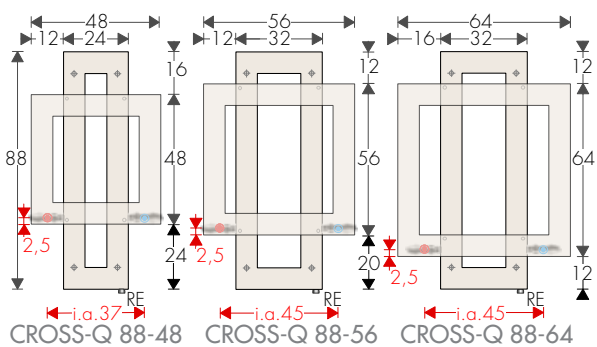
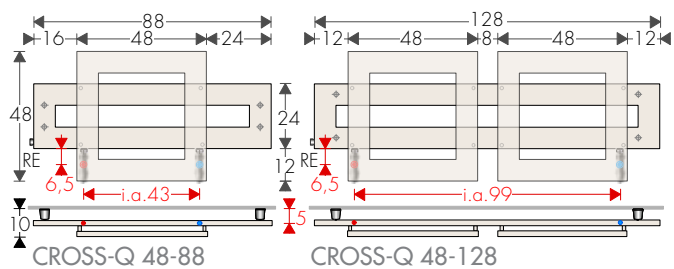
## POSIZIONE MENSOLE



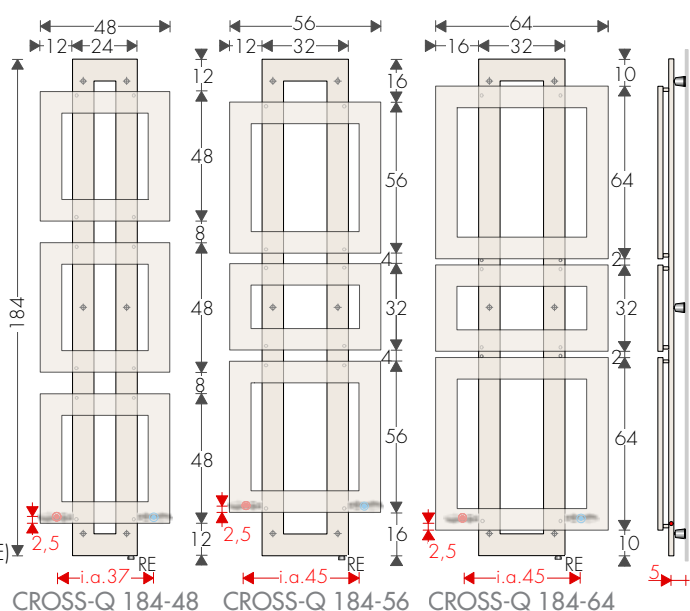
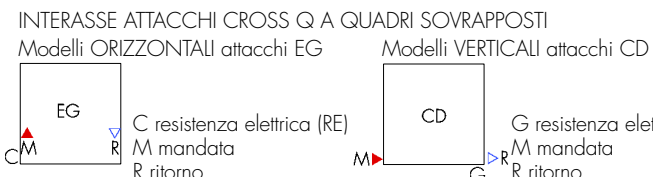
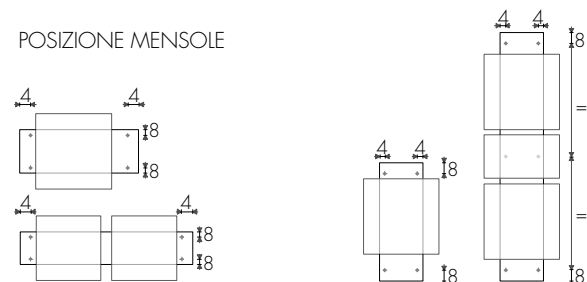
## INTERASSE ATTACCHI REG CROSS INCROCIATI



# INTERASSI E FISSAGGI CROSS-Q A QUADRI SOVRAPPOSTI

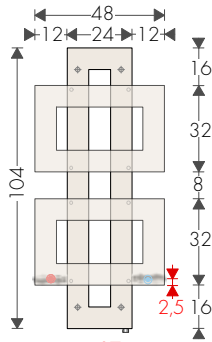
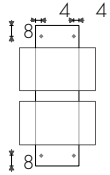


## POSIZIONE MENSOLE

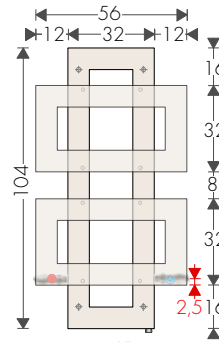


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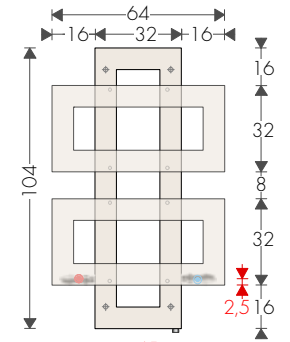
## POSIZIONE MENSOLE



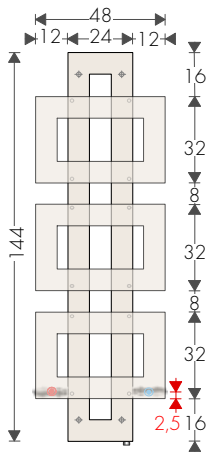
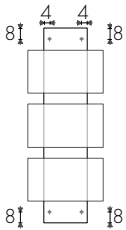
CROSS-R 104-48



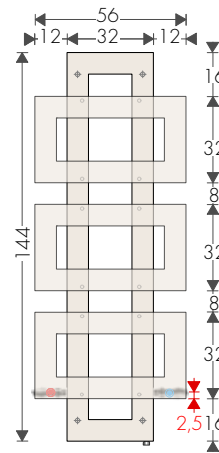
CROSS-R 104-56



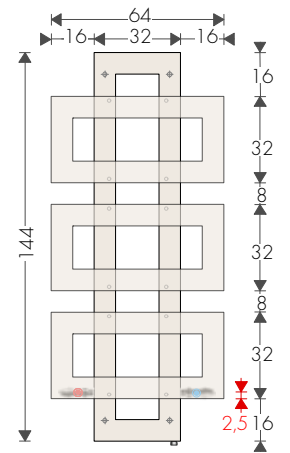
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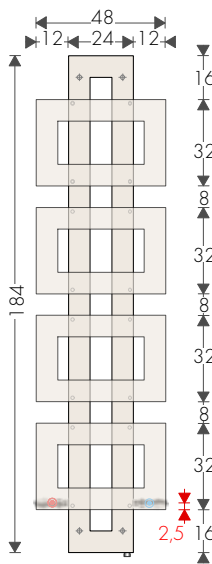
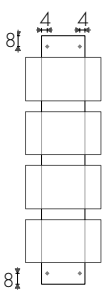
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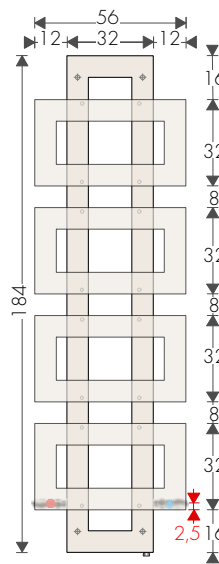
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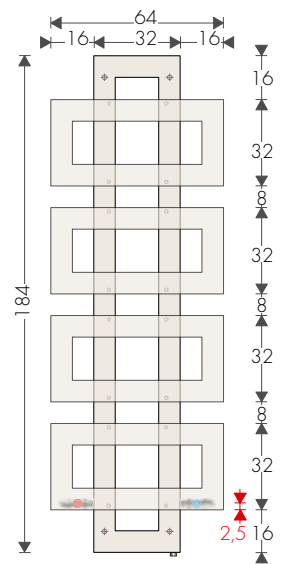
CROSS-R 144-64



CROSS-R 184-48

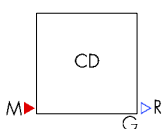


CROSS-R 184-56



CROSS-R 184-64

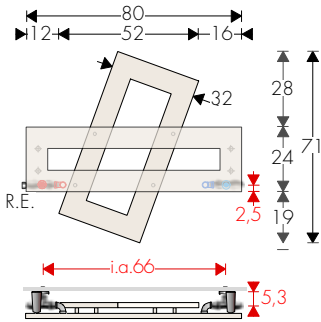
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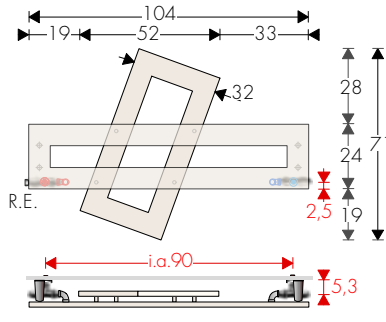
Modelli VERTICALI  
G resistenza elettrica (RE)  
M mandata  
R ritorno



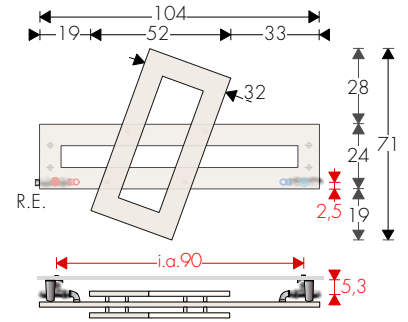
# INTERASSI E FISSAGGI CROSS-R/RD A RETTANGOLI OBLIQUI



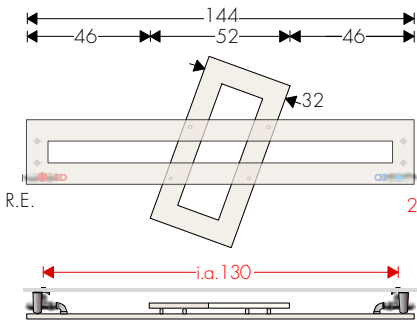
CROSS-R 70-80



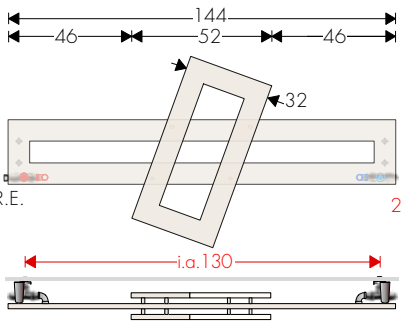
CROSS-R 70-104



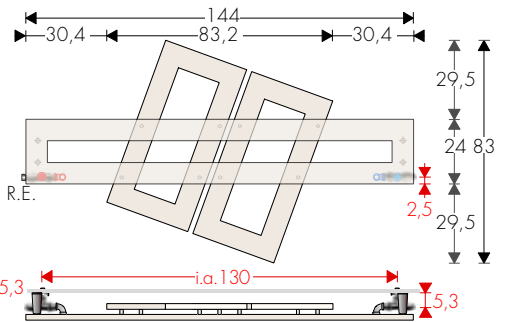
CROSS-RD 70-104



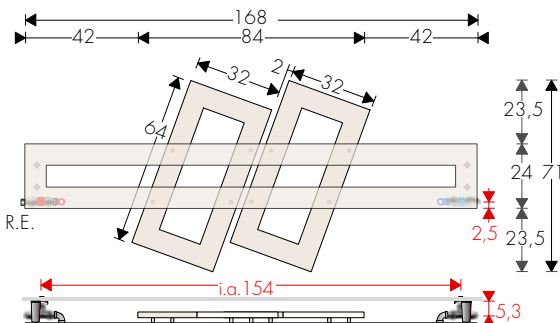
CROSS-R 70-144



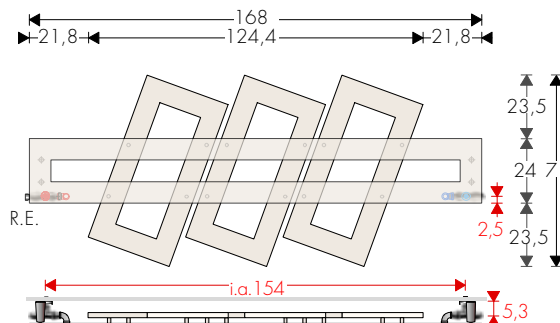
CROSS-RD 70-144



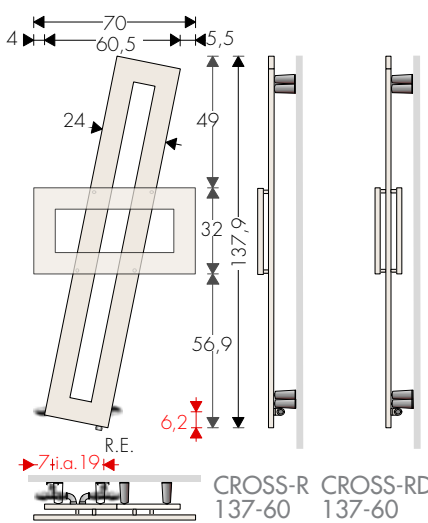
CROSS-R2 83-144



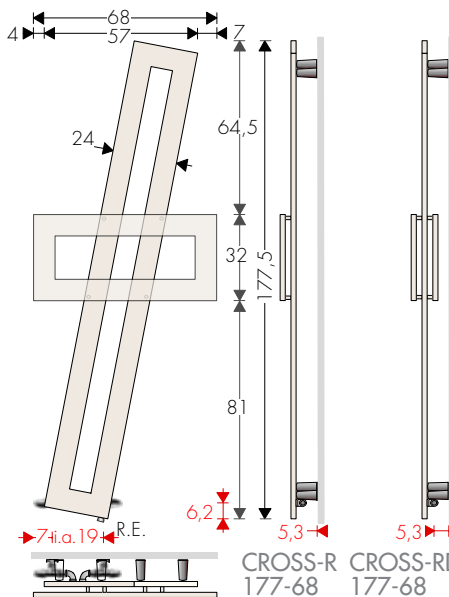
CROSS-R2 70-168



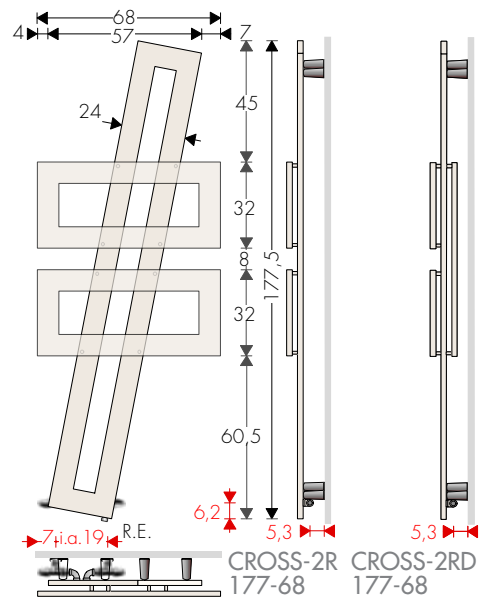
CROSS-R3 70-168



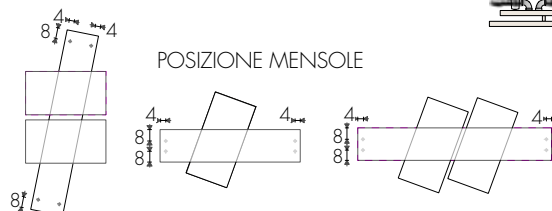
CROSS-R CROSS-RD  
137-60 137-60



CROSS-R CROSS-RD  
177-68 177-68

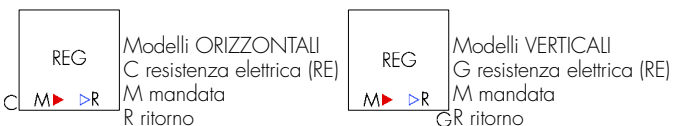


CROSS-2R CROSS-2RD  
177-68 177-68



POSIZIONE MENSOLE

INTERASSE ATTACCHI REG CROSS R/RD



# FISSAGGI CALORIFERI

CROSS-Q - CROSS-V - VERTICAL / EGON / KUADRUM / FORM / GRATA / WIND

Nei caloriferi BREM con attacchi di serie, le mensole in resina termoplastica regolabili in profondità e con fondello regolabile sul muro ( $\pm 4$  mm) sono comprese nell'imballo nel numero di:

- n° 2 per dimensioni fino a 210 cm
- n° 4 per altezze o lunghezze superiori

■ posizione mensole con attacchi di serie (posizioni intermedie vicino ai rinforzi)

□ posizione mensole con attacchi a richiesta (richiedere mensole aggiuntive).

M4 per Form F2, Form UP, Cross-V, Kuadrum Lucal e Ras  
M8: Cross-Q e Vertical

M4G per Form F3, Grata

M4F per Form Ondulato e Thun (fondello inclinato)

MS per Egon

131 per lame e Wind 3 e 4  
151 per Wind 5 e 6



Mensola bianca per caloriferi bianchi (profondità 4 cm)



Mensola cromata per caloriferi cromo e colorati (profondità 4 cm)



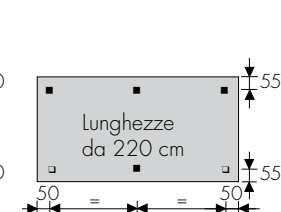
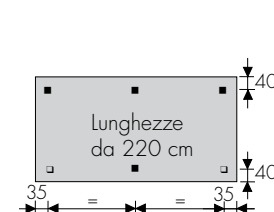
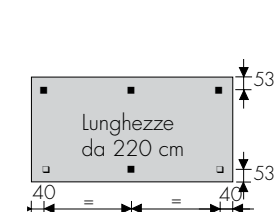
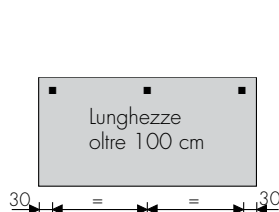
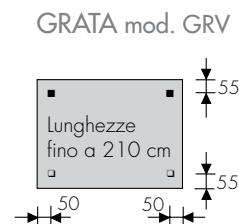
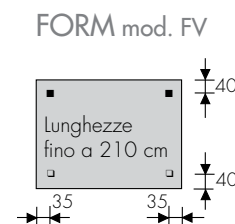
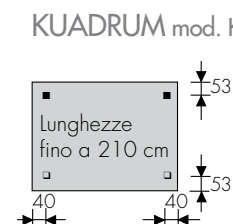
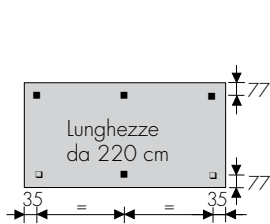
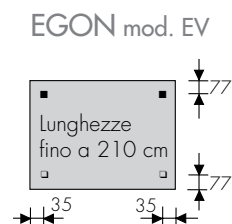
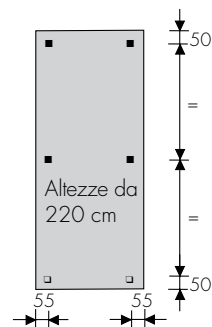
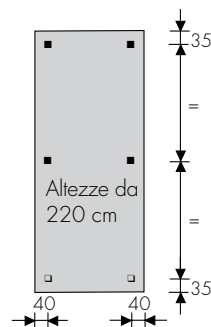
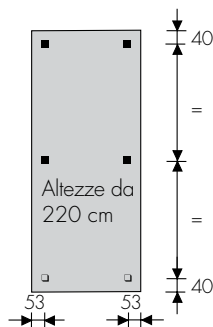
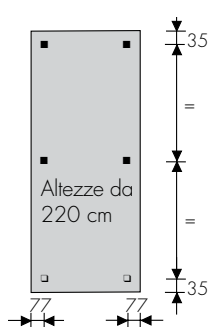
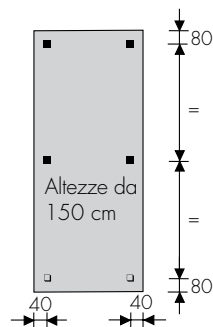
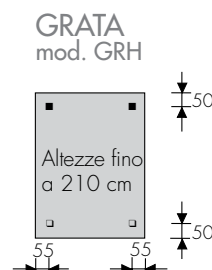
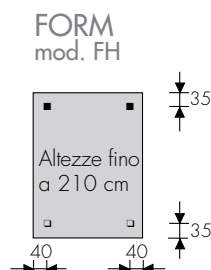
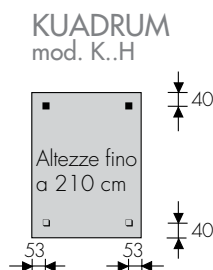
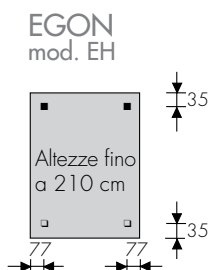
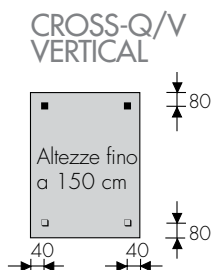
Mensola M4 col. BR0019 - BR0033



Mensola bianca per caloriferi bianchi (profondità 5,5  $\pm$  2 cm) (profondità 7,5  $\pm$  2 cm)



Mensola colorata per wind W5 e W6 colorati (profondità 5,5  $\pm$  2 cm) (profondità 7,5  $\pm$  2 cm)

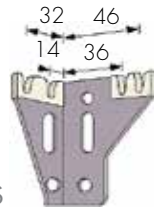


# CALORIFERI

## SUIT / S-PLATT / C-PROLUX / META

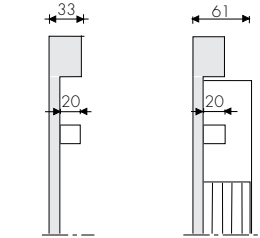
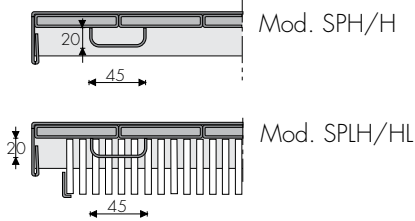
### S-PLATT / SUIT

Nei caloriferi Suit e S-Platt con allacciamenti di serie, le 4 mensole, in acciaio zincate e supporti insonorizzanti in plastica, sono comprese nell'imballo.



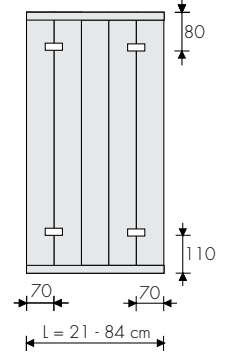
Art. MS

### SPH-PLATT / SUIT H

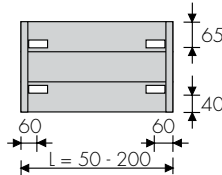
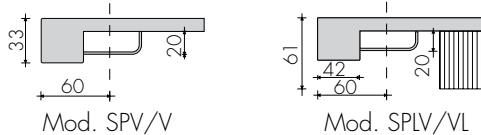


Mod. SPH/H Mod. SPLH/HL

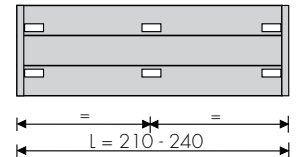
Altezze da 50 a 240 cm



### SUIT V / SPV-PLATT



Altezze da 21 cm

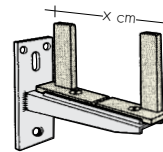


### C-PROLUX

Nei caloriferi C-Prolux le mensole e i piedini, dotati di supporti insonorizzanti in plastica, non sono compresi nell'imballo. Il numero delle mensole e dei piedini varia secondo gli schemi riportati.

#### FISSAGGI A PARETE

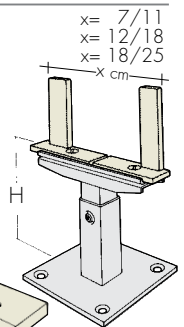
Le mensole dei convettori sono fornite a richiesta:



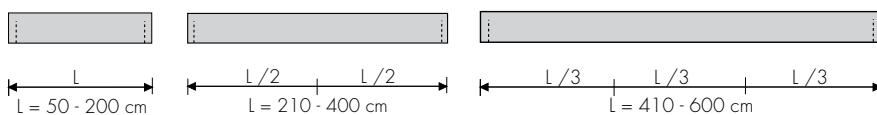
#### PIEDINI

Piedini regolabili con supporti insonorizzanti:

- H = 9/12 cm (di serie)
- A richiesta
- H = 6,5/9 cm
- H = 12/18 cm
- H = 18/27 cm
- H = 27/37 cm



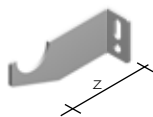
Posizioni dei piedini o delle mensole per il montaggio dei C-Prolux



Copertura della base del piedino 80x80x4mm

### META

Nei caloriferi META con allacciamenti di serie, le mensole, in acciaio verniciato, sono comprese nell'imballo.



Per allacciamenti diversi richiedere mensole aggiuntive.

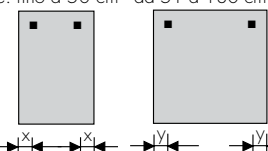
M..1000 (z=50mm)

M7 2000 (z=110mm)

M5 2000 (z=90mm)

Lunghezze: fino a 50 cm da 51 a 180 cm

Posizione mensola  
PE: Passo Elementi  
x = PE+22,5 mm  
y = 2PE+22,5 mm



#### PIEDINO FISSO

I piedini META sono costruiti con il tubo dell'elemento e saldati allo stesso (H=15 cm)

#### PIEDINO REGOLABILE

Altezza di serie regolabile da 10 a 15 cm  
A richiesta piedini con altezze su misura.

# SCHEMI FISSAGGI

Le mensole in resina termoplastica, regolabili in profondità, degli scaldasalviette BREM con attacchi di serie, comprese nell'imballo sono:  
 - n° 2 per dimensioni fino a 155 cm  
 - n° 4 per altezze o lunghezze superiori

- posizione mensola con attacchi di serie
- posizione mensola con attacchi a richiesta (richiedere mensole aggiuntive).

Per la posa applicare al muro le mensole in dotazione. Il fondello della mensola ha il foro ovale per la regolazione sul muro.

M8 per tutti gli Scaldasalviette tranne:

M4 per Kore, Suvas e Vinci

M4F con fondello inclinato per Start Curvo e Thun

M4S per Alcova, Eye  
 M8S per Ega, K-Crom, K-Cor  
 Cross e Quar

Art. MS..  
 per Platt



Art. M8..



Art. M4F..



Art. M4S..



Art. 131 per Lame Slim  
 Lamath

Mensola bianca per scaldasalviette bianchi (profondità 4 cm) per:  
 Alcova, Eye, Paco, Thun

Mensola cromata per scaldasalviette colorati (profondità 4 cm) per:  
 Alcova, Eye, Paco, Thun

Mensola bianca per scaldasalviette bianchi (prof. 8 cm) per: Kuad, Ega, K-Cor, Quar, Cross

Mensola cromata per scaldasalviette colorati (prof. 8 cm) per: Kuad, Ega, K-Cor, Quar, Cross

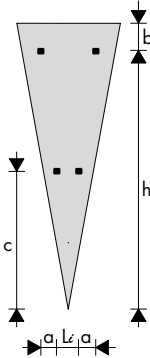
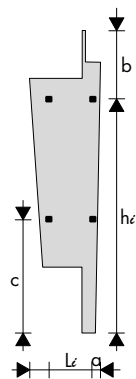
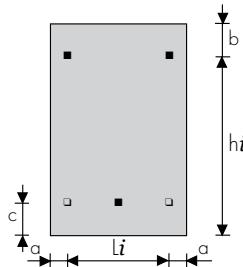
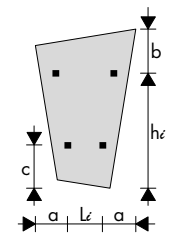
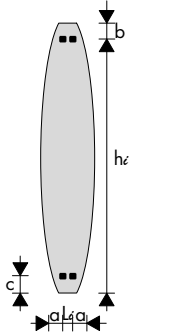
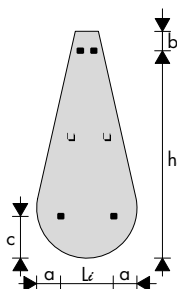
| Mod. ALCOVA   | c<br>mm | hi<br>mm | Li<br>mm |
|---------------|---------|----------|----------|
| ALCOVA 100-20 | 141     | 1080     | 380      |
| ALCOVA 100-26 | 141     | 1080     | 380      |
| ALCOVA 145-20 | 148     | 1420     | 452      |
| ALCOVA 145-26 | 148     | 1420     | 452      |
| ALCOVA 185-20 | 204     | 1830     | 599      |
| ALCOVA 185-26 | 204     | 1830     | 599      |
| ALCOVA 185-40 | 204     | 1840     | 599      |
|               | a=275   | b=74     |          |

| Mod. EYE   | hi<br>mm | Li<br>mm |
|------------|----------|----------|
| EYE 180-16 | 1770     | 50       |
| EYE 180-20 | 1770     | 50       |
| EYE 180-24 | 1770     | 50       |
|            | a=85     | b=10     |

| Mod. TRAP         | hi<br>mm | Li<br>mm |
|-------------------|----------|----------|
| TRAP 105-65       | 740      | 380      |
| TRAP 170-75       | 1365     | 480      |
| c=255 (solo h170) | a=135    | b=310    |

| Mod. DIVO   | hi<br>mm | Li<br>mm |
|-------------|----------|----------|
| DIVO 125-30 | 1158     | 60       |
| DIVO 125-45 | 1158     | 60       |
| DIVO 170-30 | 1638     | 60       |
| DIVO 170-45 | 1638     | 60       |
|             | a=15     | b=77     |

| Mod. ESSEN     | hi<br>mm | Li<br>mm |
|----------------|----------|----------|
| ESSEN 72-40    | 640      | 320      |
| ESSEN 72-52    | 640      | 440      |
| ESSEN 104-52   | 960      | 440      |
| ESSEN 104-64   | 960      | 560      |
| ESSEN 136-52   | 1280     | 440      |
| ESSEN 136-64   | 1280     | 560      |
| ESSEN 168-40   | 1600     | 320      |
| ESSEN 168-52   | 1600     | 440      |
| ESSEN 168-76   | 1600     | 680      |
| ESSEN 200-40   | 1920     | 320      |
| ESSEN 200-52   | 1920     | 440      |
| ESSEN 200-64   | 1920     | 560      |
| ESSEN 200-76   | 1920     | 680      |
| ESSEN-2 168-52 | 1600     | 440      |
|                | a=40     | b=80     |



| Mod. LAMATH/LAME SLIM | hi<br>mm | Li<br>mm |
|-----------------------|----------|----------|
| LAMATH 190-2          | 1380     | 240      |
| LAMATH 190-3          | 1380     | 240      |
| LAMATH 190-4          | 1380     | 240      |
| LAMATH 210-2          | 1680     | 240      |
| LAMATH 210-3          | 1680     | 240      |
| LAMATH 210-4          | 1680     | 240      |
| a=55                  |          |          |
| LAME Slim 190/2       | 1475     | 55       |
| LAME Slim 190/3       | 1475     | 110      |
| LAME Slim 190/4       | 1475     | 165      |
| LAME Slim* 190/5      | 1475     | 165      |
| LAME Slim 210/2       | 1675     | 55       |
| LAME Slim 210/3       | 1675     | 110      |
| LAME Slim 210/4       | 1675     | 165      |
| LAME Slim* 210/5      | 1675     | 165      |
| a*=27                 |          |          |

| Mod. VINCI    | hi<br>mm | Li<br>mm |
|---------------|----------|----------|
| VINCI 70-80   | 560      | 480      |
| VINCI 90-100  | 690      | 630      |
| VINCI* 170-60 | 1540     | 400      |
| c=172         |          | c*=420   |

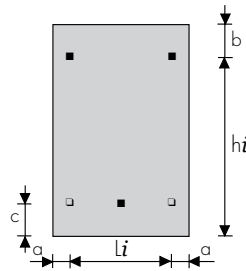
| Mod. EGA   | hi<br>mm | Li<br>mm |
|------------|----------|----------|
| EGA 90-50  | 880      | 420      |
| EGA 90-60  | 880      | 420      |
| EGA 120-50 | 1186     | 320      |
| EGA 120-60 | 1186     | 420      |
| EGA 150-50 | 1492     | 320      |
| EGA 150-60 | 1492     | 420      |
| EGA 180-50 | 1798     | 320      |
| EGA 180-60 | 1798     | 420      |
| EGA 180-80 | 1798     | 620      |
| a=90       | b=38     | c=114    |

| Mod. HOOK     | hi<br>mm | Li<br>mm |
|---------------|----------|----------|
| HOOK 180-10   | 1720     | 40       |
| HOOK 180-20   | 1720     | 120      |
| HOOK 180-30   | 1720     | 220      |
| HOOK 210-10   | 2020     | 40       |
| HOOK 210-20   | 2020     | 120      |
| HOOK 210-30   | 2020     | 220      |
| HOOK-2 180-20 | 1720     | 160      |
| HOOK-2 210-20 | 2020     | 160      |
| HOOK-2 180-30 | 1720     | 260      |
| HOOK-2 210-30 | 2020     | 260      |
| a=40          | b=80     | c=80     |

# SCALDASALVIETTE

## Mod. KORE-COR e CROM

|      | hi<br>mm | Li<br>mm |
|------|----------|----------|
| K... | 55-55    | 504      |
| K... | 55-80    | 504      |
| K... | 80-55    | 754      |
| K... | 80-80    | 754      |
| K... | 120-32   | 1134     |
| K... | 120-55   | 1134     |
| K... | 180-32   | 1764     |
| K... | 180-55   | 1764     |
|      | a=36     | b=36     |
|      |          | c=36     |



## Mod. KORE

|      | hi<br>mm | Li<br>mm |
|------|----------|----------|
| KORE | 55-55    | 393      |
| KORE | 55-80    | 393      |
| KORE | 80-55    | 643      |
| KORE | 80-80    | 643      |
| KORE | 120-32   | 1023     |
| KORE | 120-55   | 1023     |
| KORE | 180-32   | 1653     |
| KORE | 180-55   | 1653     |
| KORE | 180-65   | 1653     |
| KORE | 180-80   | 1653     |
|      | a=95     | b=147    |
|      |          | c=147    |

## Mod. KUAD

|      | hi<br>mm | Li<br>mm |
|------|----------|----------|
| KUAD | 75-45    | 697      |
| KUAD | 75-50    | 697      |
| KUAD | 75-55    | 697      |
| KUAD | 75-75    | 697      |
| KUAD | 112-45   | 1072     |
| KUAD | 112-50   | 1072     |
| KUAD | 112-55   | 1072     |
| KUAD | 112-60   | 1072     |
| KUAD | 150-35   | 1447     |
| KUAD | 150-45   | 1447     |
| KUAD | 150-50   | 1447     |
| KUAD | 150-55   | 1447     |
| KUAD | 150-60   | 1447     |
| KUAD | 175-35   | 1697     |
| KUAD | 175-45   | 1697     |
| KUAD | 175-50   | 1697     |
| KUAD | 175-60   | 1697     |
|      | a=40     | b=53     |
|      |          | c=72     |

## Mod. MAHN

|      | hi<br>mm | Li<br>mm |
|------|----------|----------|
| MAHN | 70-50    | 629      |
| MAHN | 90-50    | 839      |
| MAHN | 90-60    | 839      |
| MAHN | 120-50   | 1114     |
| MAHN | 120-60   | 1114     |
| MAHN | 150-28   | 1389     |
| MAHN | 150-50   | 1389     |
| MAHN | 150-60   | 1389     |
| MAHN | 180-28   | 1719     |
| MAHN | 180-50   | 1719     |
| MAHN | 180-60   | 1719     |
| MAHN | 180-75   | 1719     |
|      | a=90     | b=54     |
|      |          | c=69     |

## Mod. PACO

|         | hi<br>mm | Li<br>mm |
|---------|----------|----------|
| PACO 24 | 80-32    | 720      |
| PACO 24 | 80-56    | 720      |
| PACO 24 | 80-80    | 720      |
| PACO 32 | 80-32    | 720      |
| PACO 32 | 80-56    | 720      |
| PACO 32 | 80-80    | 720      |
| PACO 24 | 128-32   | 1200     |
| PACO 24 | 128-56   | 1200     |
| PACO 32 | 128-32   | 1200     |
| PACO 32 | 128-56   | 1200     |
| PACO 24 | 180-32   | 1720     |
| PACO 24 | 180-56   | 1720     |
| PACO 32 | 180-32   | 1720     |
| PACO 32 | 180-56   | 1720     |
|         | a=10     | b=80     |
|         |          | c=80     |

## Mod. PLATT/UNIPLATT

|       | hi<br>mm | Li<br>mm |
|-------|----------|----------|
| PLATT | 80-49    | 670      |
| PLATT | 130-49   | 1170     |
| PLATT | 130-63   | 1170     |
| PLATT | 180-35   | 1670     |
| PLATT | 180-49   | 1670     |
| PLATT | 180-63   | 1670     |
|       | a=70     | b=130    |
|       |          | c=130    |
| PLATT | 84-50    | 775      |
| PLATT | 133-50   | 1265     |
|       | a=60     | b=65     |
|       |          | c=40     |

## Mod. PLATT/UNIPLATT

|        | hi<br>mm | Li<br>mm |
|--------|----------|----------|
| PLUS12 | 90-40    | 840      |
| PLUS12 | 90-50    | 840      |
| PLUS12 | 120-40   | 1140     |
| PLUS12 | 120-50   | 1140     |
| PLUS12 | 150-40   | 1440     |
| PLUS12 | 150-50   | 1440     |
| PLUS12 | 150-60   | 1440     |
| PLUS12 | 180-40   | 1740     |
| PLUS12 | 180-50   | 1740     |
| PLUS12 | 180-60   | 1740     |
| PLUS12 | 180-75   | 1740     |
|        | a=50     | b=60     |
|        |          | c=60     |

## Mod. QUAR

|           | hi<br>mm | Li<br>mm |
|-----------|----------|----------|
| QUAR      | 90-46    | 785      |
| QUAR      | 120-46   | 1105     |
| QUAR      | 120-54   | 1105     |
| QUAR      | 150-30   | 1425     |
| QUAR      | 150-46   | 1425     |
| QUAR      | 150-54   | 1425     |
| QUAR      | 150-62   | 1425     |
| QUAR      | 180-30   | 1745     |
| QUAR      | 180-46   | 1745     |
| QUAR      | 180-54   | 1745     |
| QUAR      | 180-62   | 1745     |
| QUAR      | 180-70   | 1745     |
| QUAR PLUS | 150-54   | 1450     |
| QUAR PLUS | 150-62   | 1450     |
| QUAR PLUS | 180-54   | 1740     |
| QUAR PLUS | 180-62   | 1740     |
| QUAR PLUS | 180-70   | 1740     |
|           | a=40     | b=80     |
|           |          | c=80     |

## Mod. SHAR

|      | hi<br>mm | Li<br>mm |
|------|----------|----------|
| SHAR | 70-45    | 661      |
| SHAR | 70-50    | 661      |
| SHAR | 70-60    | 661      |
| SHAR | 70-75    | 661      |
| SHAR | 110-45   | 1046     |
| SHAR | 110-50   | 1046     |
| SHAR | 110-60   | 1046     |
| SHAR | 140-33   | 1348     |
| SHAR | 140-45   | 1348     |
| SHAR | 140-50   | 1348     |
| SHAR | 140-60   | 1348     |
| SHAR | 180-33   | 1761     |
| SHAR | 180-45   | 1761     |
| SHAR | 180-50   | 1761     |
| SHAR | 180-60   | 1761     |
| SHAR | 180-75   | 1761     |
| SHAR | 180-90   | 1761     |
|      | a=65     | b=54     |
|      |          | c=56     |

## Mod. SLIDE

|       | hi<br>mm | Li<br>mm |
|-------|----------|----------|
| SLIDE | 48-128   | 400      |
| SLIDE | 62-152   | 540      |
| SLIDE | 136-50   | 840      |
| SLIDE | 180-50   | 1240     |
|       | a=40     | b=80     |
|       |          | c=80     |

## Mod. SO-FLEX

|         | hi<br>mm | Li<br>mm |
|---------|----------|----------|
| SO-FLEX | 77-80    | 705      |
| SO-FLEX | 77-120   | 705      |
|         | a=60     | b=65     |
| SO-FLEX | 130-49   | 1170     |
| SO-FLEX | 130-63   | 1170     |
| SO-FLEX | 180-49   | 1670     |
| SO-FLEX | 180-63   | 1670     |
| SO-FLEX | 133-50   | 1200     |
|         | a=70     | b=130    |
|         |          | c=130    |

## Mod. START, STARTCURVO

|       | hi<br>mm                 | Li<br>mm |
|-------|--------------------------|----------|
| START | 75-45                    | 700      |
| START | 75-55                    | 700      |
| START | 75-70                    | 700      |
| START | 90-45                    | 850      |
| START | 90-55                    | 850      |
| START | 90-60                    | 850      |
| START | 120-45                   | 1150     |
| START | 120-55                   | 1150     |
| START | 120-60                   | 1150     |
| START | 150-35                   | 1450     |
| START | 150-45                   | 1450     |
| START | 150-55                   | 1450     |
| START | 150-60                   | 1450     |
| START | 150-70                   | 1450     |
| START | 180-35                   | 1750     |
| START | 180-45                   | 1750     |
| START | 180-55                   | 1750     |
| START | 180-60                   | 1750     |
| START | 180-70                   | 1750     |
|       | a=45 (a=50 per ST-Curvo) | b=50     |
|       |                          | c=97     |

## Mod. SUVAS

|       | hi<br>mm | Li<br>mm |
|-------|----------|----------|
| SUVAS | 50-140   | 450      |
| SUVAS | 60-140   | 550      |
| SUVAS | 75-140   | 700      |
|       | b=50     | a=50     |

## Mod. THUN

|      | hi<br>mm | Li<br>mm |
|------|----------|----------|
| THUN | 100-50   | 960      |
| THUN | 140-50   | 1373     |
| THUN | 180-50   | 1785     |
|      | a=95     | b=57     |
|      |          | c=57     |

## Mod. THUN MULTI

|        | hi<br>mm | Li<br>mm |
|--------|----------|----------|
| THUN 2 | 55-97    | 960      |
| THUN 2 | 55-130   | 1373     |
| THUN 3 | 55-144   | 1785     |
| THUN 2 | 66-97    | 960      |
| THUN 2 | 66-130   | 1373     |
| THUN 3 | 66-144   | 1785     |
| THUN 2 | 80-97    | 960      |
| THUN 2 | 80-130   | 1373     |
|        | a=95     | b=57     |
|        |          | c=57     |

## Mod. VISION e VISION Sf

|           | hi<br>mm | Li<br>mm |
|-----------|----------|----------|
| VISION    | 48-48    | 410      |
| VISION    | 56-56    | 490      |
| VISION    | 64-64    | 570      |
| VISION    | 48-80    | 410      |
| VISION    | 56-96    | 490      |
| VISION    | 64-112   | 570      |
| VISION Sf | 80-48    | 710      |
| VISION Sf | 96-56    | 890      |
| VISION Sf | 128-48   | 1210     |
| VISION Sf | 128-56   | 1210     |
| VISION Sf | 176-40   | 1690     |
| VISION Sf | 176-48   | 1690     |
| VISION Sf | 176-56   | 1690     |
|           | a=70     | b=70     |
|           |          | c=70     |



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