SECHE-SERVIETTES & PANNEAUX RADIANTS "PRO": EN STOCK

SECHE-SERVIETTES et PANNEAUX
disponibles en stock dans la couleur standard blanc.

- Expédition en 7 jours (12 jours avec peinture d'après nuancier Brem)
- Demander les délais de livraison pour l'exécution du modèle électrique

TOWEL RAILS & RADIATING PANELS "PRO": READY IN STOCK

TOWEL RAILS and PANELS ready in stock in standard white.

- Delivery in 7 days (12 days for all other colors of BREM color list)
- Request delivery times for the execution of the electric model

CALENTADORES DE TOALLAS & PLACAS "PRO": EN STOCK

CALENTADORES DE TOALLAS y PLACAS
disponibles en almacén en color de serie blanco.

- Envío 7 días (12 días en el color elegido por la tabla de colores Brem)
- Solicitar plazos de entrega para la ejecución del modelo eléctrico.

TARIF 2018 : PRIX 2017+3%
LIST 2018: 2017 PRICE +3%
LISTA 2018: PRECIOS 2017+3%

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CANN 160/190-40

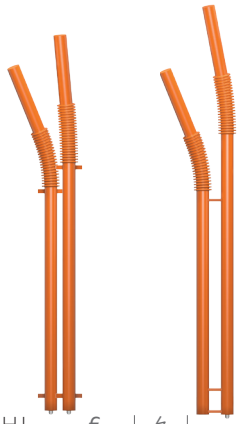
CANNUCCIA PAILLE/STRAW/PAJA

design Bettazzi+Percoco

PAILLE est un sympathique radiateur design qui fait un clin d'œil à ce petit tuyau en plastique que nous utilisons pour boire. Un objet pop qui dégage un air de fête et d'insouciance pour amener une note de couleur et de joie dans la maison.

STRAW is a funny heated towel rail inspired by the famous plastic straw used for drinks.
A popular object that reminds us to happiness, introducing in our home a touch of colour and a smile!

Paia es un lindo calentador de toallas inspirado en el famoso tubo de plástico utilizado para saborear bebidas. Un objeto pop inspirado en la idea de fiesta y despreo cupado que introduce una nota de color y una sonrisa en las casas.



MOD. "PRO"	H-L cm	€ SB 9016	ϟ W	Supplement KIT electr.	Supplement Idro/water
CANN 160/175-40		775,20	400	page246	40,20 €
CANN 160/190-40		792,50	400		40,20 €

PRONTA CONSEGNA
EN STOCK
READY IN STOCK
EN STOCK

CROSS 56-152

CROSS est un nouveau projet à la fois raffiné et minimaliste, un système offrant des variantes et des possibilités de personnalisation innombrables. Les formes géométriques peuvent se multiplier toujours en train de créer des ensembles de grande harmonie.

Interwoven squares and rectangles to create a radiator with an unusual look. The geometric shapes can be multiplied at will, always resulting in a harmonious whole.

design Luigi Brembilla

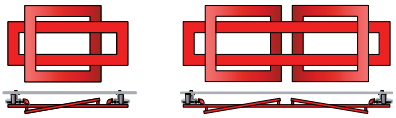
CROSS es un nuevo proyecto, refinado y minimalista, un sistema con infinidad de variantes y personalizaciones que puede usarse tanto en vertical como en horizontal. Dos o más formas geométricas elementales unidas entre sí crean este nuevo calentador de toallas.

CROSS 88-120

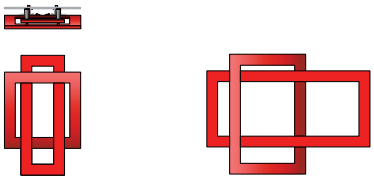
CROSS

AVEC CARRES CROISES
WITH CROSSED SQUARES
EN CUADROS CRUZADOS

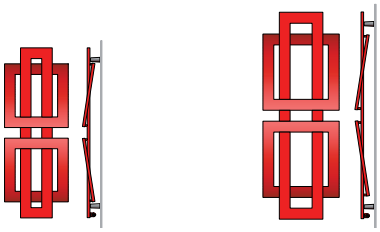
DIMENSIONS/DIMENSIONES
L: 48/56/88/120/128/152 cm
H: 48/56/88/128/152/184 cm
P : 14,5 cm



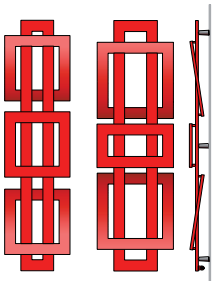
MOD.	H-L cm	€	Δt 50K watt	▲▽ cm	ϟ W
CROSS	48-88	611,70	394	74	400
CROSS	48-128	849,20	635	114	650
CROSS	56-88	637,00	429	74	400
CROSS	56-152	920,60	772	138	800



MOD.	H-L cm	€	Δt 50K watt	▲▽ cm	ϟ W
CROSS	88-48	600,50	394	19	400
CROSS	88-120	748,10	617	106	650



MOD.	H-L cm	€	Δt 50K watt	▲▽ cm	ϟ W
CROSS	128-48	879,60	623	19	650
CROSS	152-56	912,70	757	19	800



MOD.	H-L cm	€	Δt 50K watt	▲▽ cm	ϟ W
CROSS	184-48	1095,50	890	19	900
CROSS	184-56	1142,50	956	19	900

CROSS 184-56

PRONTA CONSEGNA
EN STOCK
READY IN STOCK
EN STOCK

CROSS-Q

CARRES SUPERPOSES - OVERLAID SQUARES
EN CUADROS SUPERPUESTOS

design Luigi Brembilla

CROSS-Q radiateur, dans la version avec cadres carrés superposés, est proposé en différentes dimensions pour rechauffer n'importe quelle pièce.

CROSS-Q, radiator and towel rail, in the version with overlapping, is proposed in different dimensions suitable to heat all kind of room.

Radiador CROSS-Q, en versión de cuadros superpuestos, se presenta en los tamaños adecuados para calentar todos los espacios.

MOD.	H-L cm	€	Δt 50K watt	▲▽ cm	ϟ W
CROSS-Q	48-88	582,60	394	43	400
CROSS-Q	48-128	808,80	635	99	650
CROSS-Q	88-48	571,90	394	37	400
CROSS-Q	88-120	712,50	617	69	650
CROSS-Q	128-48	802,60	623	37	650
CROSS-Q	152-56	869,20	757	45	800
CROSS-Q	168-64	928,90	875	45	900
CROSS-Q	184-48	1043,30	890	37	900
CROSS-Q	184-56	1088,10	956	45	900

CROSS-Q 184-48

CROSS-V

Des tubes rectangulaires de grandes dimensions, assemblés différemment, pour arriver à un radiateur innovant.

Large, variously assembled, rectangular tubes are used to produce an innovative radiator.

Tubos rectangolares de gran tamaño y formas geometricas que componen un radiador innovador.

MOD.	H-L cm	€	Δt 50K watt	▲▽ cm	ϟ W
CROSS-V	184-24	463,00	422	5	400
CROSS-V	184-52	843,50	845	28	900

CROSS-V 184-52

CROSS-Q 184-48

CROSS-R

CROSS-R 70-144

CROSS-R 177-64

MOD.	H-L cm	€	Δt 50K watt	▲▽ cm	ϟ W
CROSS-R	70-104	660,70	433	90	400
CROSS-R	70-144	785,50	523	130	500
CROSS-R	137-56	732,10	479	19	500
CROSS-R	177-64	945,20	585	19	650

CLARK

CLARK 180-35/...

design Luigi Brembilla

Clark se compose d'une plaque radiante en acier ultra-mince, d'une épaisseur de 2,3 cm, coupée transversalement et asymétriquement par un cadre chauffant rectangulaire de tubes en acier de même épaisseur.

Clark is an ultra-thin steel plate, just 2,3 cm thick, that has been cross cuta symmetrically and set in a rectangular warming framework of steel tubes of similar thickness.

Clark está compuesto por una placa radiante de acero. Ultrafino, solo 2,3 cm de grosor, corte transversal. Asimétricamente por un mango de calentamiento rectangular de tubos de acero de espesor similar.

MOD.	H-L cm	€	Δt 50K watt	▲▽ cm	ϟ W
CLARK	80-27/64	855,30	401	22,7	400
CLARK	130-27/84	965,00	594	22,7	650
CLARK	180-27/84	1089,00	743	22,7	800
CLARK	180-35/64	1292,60	871	31,4	900
CLARK	180-35/84	1318,00	915	31,4	900

FREE

MOD. "PRO"	H-L cm	€ SB 9016	Δt 50 watt	ϟ W	Supplement KIT electr.	Supplement idro/water
FREE	24-64	253,40	158	250	pag.248	40,20 €
FREE	24-84	276,00	202	250		40,20 €

PRONTA CONSEGNA

EN STOCK

READY IN STOCK

EN STOCK

ESSEN

design Luigi Brembilla

ESSEN : un grand cadre remplace les collecteurs traditionnels et garantie des hauts rendements calorifiques.

ESSEN: a big frame which has a rectangular section takes place of usual manifolds and avoids high heating outputs.

ESSEN: un gran marco de sección rectangular reemplaza los colectores habituales y permite aumentar los rendimientos calóricos.

MOD. "PRO"	H-L cm	€ SB 9016	Δt 50 K watt	▲▽ cm	ϟ W
ESSEN	72-40	503,40	238	19	250
ESSEN	104-52	581,60	387	19	400
ESSEN	136-52	698,00	497	19	500
ESSEN	168-52	774,30	607	19	650
Essen PLUS	168-52	1045,10	928	19	900

MOD. "PRO"	H-L cm	€	Δt 50 K watt	▲▽ cm	ϟ W
Essen CROM	104-52	1279,20	309	19	300
Essen CROM	136-52	1535,90	427	19	400
Essen CROM	168-64	1739,40	590	19	650

ESSEN

ESSEN

ESSEN CROM 136-52

ESSEN : le sèche-serviettes à la géométrie simple réalisé en version horizontale et verticale.

ESSEN: a simple geometry formed towel rail composed in a vertical and horizontal version.

ESSEN: un toallero térmico con geometría elemental realizado en versión horizontal y vertical.

MOD. "PRO"	H-L cm	€ SB 9016	Δt 50 K watt	▲▽ cm	ϟ W
ESSEN	72-130	751,20	587	116	650
ESSEN	72-152	909,10	713	138	800

ESSEN 72-152

ESSEN 72-130

PIT 176-48

PIT

design Pietro Facheris

PIT est un porte-serviettes parfait aussi pour les petits coins de la salle de bains. Un radiateur design, élégant et minimaliste, avec trois rectangles rayonnants superposés qui évoluent à la verticale.

PIT is perfect to fit even the tightest space of the bathroom. This towel rail has an elegant minimalist design, with three vertical radiant rectangles, overlapping each other.

PIT es un toallero para adaptarse incluso a los espacios más estrechos del baño. Un radiador decorativo de diseño elegante y esencial con tres rectángulos radiantes desarrollados en vertical y superpuestos entre sí.

MOD. "PRO"	H-L cm	€ SB 9016	Δt 50 K watt	▲▽ cm	ϟ W
PIT	132-32	781,40	567	19	500
PIT	132-48	835,70	663	19	650
PIT	176-32	902,50	720	19	800
PIT	176-48	956,90	839	19	900

QUAR 120-46

QUAR

design Luigi Brembilla

QUAR: un sèche-serviettes original de forme géométrique élémentaire avec les tubes à section carrée.

QUAR: an original towel rail with a pure geometrical expression with square section tubes.

QUAR es un calentador de toallas original con una expresión geométrica elemental con tubos de sección cuadrada.

MOD. "PRO"	H-L cm	€ SB 9016	Δt 50K watt	▲▽ cm	ϟ W
QUAR	120-46	775,60	466	19	400
QUAR	150-46	860,30	581	19	650
QUAR	150-54	878,60	632	19	650
QUAR	180-54	977,70	755	19	800

LAME

design Davide Brembilla

LAME se compose de tubes rectangulaires.
Les éléments du radiateur fendent l'air comme des lames, se rapprochent l'un de l'autre dans l'espace proposant une variété et une légèreté étonnantes.
Le résultat: une nouvelle forme chauffante, différente de toutes les autres, qui donne vie une fois de plus à un objet de décoration moderne, une véritable sculpture.

LAME is composed of rectangular tubes.
The heating elements cut the air like knives and stand alongside one another in light and varied configuration to create a new heating shape like no other and enliven modern sculpture for interior décor.

LAME está formado por tubos rectangulares.
Los elementos del radiador cortan el aire como cuchillas, se acercan unos a otros en el espacio de una manera ligera y variada para construir una nueva forma de calentamiento, que se diferencia de todas las demás y que, una vez más, da vida a una moderna escultura decorativa.

MOD. "PRO"	H-L cm	€ SB 9016	Δt 50K watt	▲▽ cm	ϟ W
LAME	190-2 (11)	497,70	350	6	400
LAME	190-3 (17)	611,80	496	6	500
LAME	190-4 (23)	726,00	652	12	650

LAME 190-3

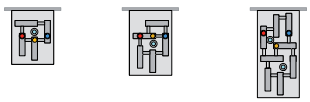
LAME-UP

design Davide Brembilla

LAME-UP est un radiateur à poser, dont le corps de chauffe, que l'on peut installer au milieu d'une pièce, se transforme en une tour sculpturale.

LAME-UP is free-standing radiator its heating body acting like a totem pole in the centre of a room.

LAME-UP es un radiador de apoyo cuyo cuerpo calefactor, que puede colocarse en la pared o en el centro de la habitación, se transforma en una torre escultórea.

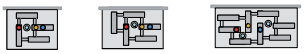


MOD. "PRO"	H-L cm	€ SB9016	Δt 50K watt	▲▽ cm	ϟ W
LAME-UP	200-4 (15)	822,20	641	9	650
LAME-UP	200-5 (15)	1018,40	809	9	800
LAME-UP	200-8 (15)	1483,20	1250	9	1200
LAME-UP	230-8 (15)	1600,50	1502	9	1500

Sur demande - LED - Résistance électrique *p.266*
Position côté long contre le mur

On request - LED - Electric Heating Element
Long side of the base agains the wall

Bajo pedido - LED - Résistance électrique *p.266*
Posicionamiento del lado largo en la pared



LAME-UP 200-4

LAMATH 190-3

LAMATH

design Davide Brembilla

Des lames droites, compactes et très épaisses qui fendent l'uniformité des murs, pour une nouvelle idée de sèche-serviettes avec lesquels animer et dessiner les murs de la salle de bains. La forme, insolite et tout à fait inattendue, surprend comme une sculpture.

Straight, compact, and high thickness fins that cut the uniformity of the wall express a new concept for heated towel rails that enliven and furnish bathroom walls. The unusual and absolutely unexpected shape is as surprising as good sculpture can be.

Las hojas rectas, compactas y gruesas que cortan la uniformidad de las paredes, aportan un nuevo concepto de calentadores de toallas para animar y diseñar la pared del baño. La forma, insólita e absolutamente inesperada, sorprende como una escultura.

MOD.	H-L cm	€ SB 9016	Δt 50K watt	▲▽ cm	ϟ W
LAMATH	190-2 (43)	576,00	467	6	400
LAMATH	190-3 (43)	682,60	555	6	500
LAMATH	190-4 (49,5)	789,90	700	12	650

LAME SLIM 190-3

LAME SLIM

design Davide Brembilla

Des lames droites, compactes et très épaisses qui fendent l'uniformité des murs, pour une nouvelle idée de sèche-serviettes avec lesquels animer et dessiner les murs de la salle de bains.

Straight, compact, and high thickness fins that cut the uniformity of the wall express a new concept for heated towel-rails that enliven bathroom walls.

Las hojas rectas, compactas y gruesas que cortan la uniformidad de las paredes, aportan un nuevo concepto de calentadores de toallas para animar y diseñar la pared del baño.

MOD.	H-L cm	€ SB 9016	Δt 50K watt	▲▽ cm	ϟ W
Lame SLIM	190/2 (30)	567,80	350	6	400
Lame SLIM	190/3 (30)	682,20	496	6	500
Lame SLIM	190/4 (30)	796,20	652	12	650

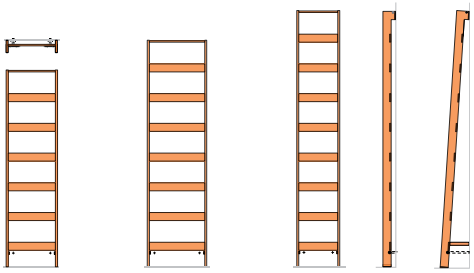
HERG-ÖT

design Luigi Brembilla

HERG-ÖT évoque la forme iconique d'une échelle et peut être positionné perpendiculairement ou légèrement incliné. Les tubes parallèles, transversaux et plats, donnent une sensation de confort et de chaleur à la salle de bains, tout en servant d'appui désinvolte pour vêtements, peignoirs de bain et serviettes.

HERG-ÖT is reminiscent of the iconic form of a ladder and can be fitted either perpendicular to the wall or at a slight angle. The parallel tubes (crosswise and flat) provide comfort and warm to the bathroom, at the same time acting as a casual hook for clothes, towelling robes and towels.

Herg-ÖT recuerda la forma icónica de la espalier (escalera) y se puede colocar perpendicular o ligeramente inclinada.
Los tubos paralelos, los travesaños y las placas, dan comodidad y calidez al baño y funcionan como un soporte informal para la ropa, batas y toallitas.



MOD.	H-L cm	€ SB 9016	Δt 50K watt	▲▽ cm	ϟ W
HERG-ÖT	184-42	792,50	625	27	650
HERG-ÖT	184-50	810,10	669	35	650
HERG-ÖT	216-42	906,80	735	27	650
HERG-ÖT	216-50	926,20	787	35	800

HERG-ÖT 216-42

HERG-ÖT.I

MOD. "PRO" incline/angled/pendiente	H-L cm	€ SB 9016	Δt 50K watt	▲▽ cm	ϟ W
HERG-ÖT.I	216-42	993,30	735	27	650
HERG-ÖT.I	216-50	1012,70	787	35	800

Art.HOI *inclus/included/*incluido

HERG-ÖT.I 216-50

HOOK 180-20

HOOK 180-30

HOOK

design Luigi Brembilla

Selon votre choix, HOOK peut être utilisé n'importe où dans la maison et complète des appendices soudé, il peut aussi chauffer la salle de bains.

According to your choice, HOOK can be used environment complete with welded hanger-sand in its multiple version, it can also heat the bathroom.

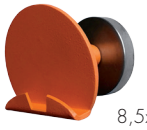
HOOK se puede instalar en cualquier entorno completo con perillas soldadas percha y también puede calentar el baño.

MOD. "PRO"	H-L cm	€ SB 9016	Δt 50K watt	▲▽ cm	ϟ W
HOOK	180-20	655,80	378	15	400
HOOK	180-30	836,60	543	25	500

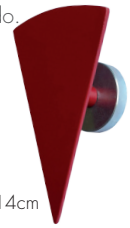
Sur demande sans supplément, patere magnétique en couleur blanc ou en couleur du radiateur commandé.

On request, without supplement, standard white magnetic Knob or in the color of the ordered radiator.

A petición sin suplemento perillas magnética blanco estándar o en el color del radiador pedido.



8,5x7cm



9x14cm

EXTRA *PATERE/KNOB/* PERILLAS

Art. POMC 91,20€ Art. HKMC 91,20€

Art. POM - Art. HKM : *PATERE avec fixation murale / KNOB with wall fixing* /PERILLAS de pared

Art. POM 91,20€ Art. HKM 91,20€

VISION 56-56

VISION

design Luigi Brembilla

Comme lorsque l'on regarde d'une fenêtre, ou du haut d'un escalier : les espaces se réduisent pour former un cadre, un volume qui habille et réchauffe, et qui ne passe jamais inaperçu. Avec VISION la fonction de chauffer passe au second plan.

Like looking out of a window or down a stairwell. Spaces that get smaller and smaller, forming a 3D frame that both heats and decorates. Spaces that create an absolutely novel radiator that will never go unobserved: only later is it discovered and remarked upon.

Es como mirar una ventana, o desde una escalera. Espacios posteriores que se encogen, que forman una imagen a volumen, ese vestido y calor, que nunca pasan desapercibidos. La visión se propone tan inesperadamente en un entorno que la función de calefacción ocupa el segundo lugar.

MOD. "PRO"	H-L cm	€	Δt 50 K watt	▲▽ cm	ϟ W
VISION-1	48-48	571,80	322	27	300
VISION-1	56-56	595,20	391	35	400

S-PLATT

PANNEAUX S-PLATT disponible en stock dans la couleur standard blanc sablé.

S-PLATT RADIATING PANELS ready in stock in standard white sablé

PIASTRE S-PLATT disponibles en almacén en color de serie blanco sablé

MOD. "PRO"	H-L cm	€ SB 9016	Δt 50K watt	▲▽ cm	P cm
SPH	190-42	728,00	744	5	3,7
SPH	190-49	787,30	867	5	3,7
SPH	190-56	851,60	991	5	3,7
SPH	190-63	913,30	1115	5	3,7
SPLH	190-49	1122,90	1277	5	6,2
SPLH	190-56	1312,40	1459	5	6,2

- *Raccords centraux EG entraxe 5 cm*
- *Purgeur et 4 consoles inclus dans l'emballage*
- *Hauteur spéciale 190 cm*

- *Central EG fittings, tapping centres 5 cm*
- *Air vent and 4 brackets included in the packaging*
- *Special height: 190 cm*

- Conexiones EG centrales ▲▽ 5 cm
- Válvula de ventilación y 4 estantes incluidos
- Altura especial 190 cm

S-PLATT SPH 190-42

UNI-PLATT

design Francesca Mocchi

MOD. "PRO"	H-L cm	€ SB 9016	Δt 50K watt	▲▽ cm	ϟ W
UNI-PLATT	80-49	591,10	388	45	-
UNI-PLATT	130-49	778,90	610	45	-
UNI-PLATT	180-42	878,30	701	38	-
UNI-PLATT	180-49	942,30	817	45	-
UNI-PLATT	77-50	617,10	395	46,8	400
UNI-PLATT	126-50	845,80	614	46,8	650
UNI-PLATT	140-60	974,60	810	56,8	800

UNI-PLATT 80-49

UNI-PLATT 130-49

PLATT COLOR 130-49

PLATT COLOR

MOD. "PRO"	H-L cm	€ SB 9016	Δt 50K watt	▲▽ cm	ϟ W
PLATT COLOR	80-49	683,80	388	45	
PLATT COLOR	130-49	896,10	610	45	-
PLATT COLOR	180-35	986,70	584	31	-
PLATT COLOR	180-49	1097,90	817	45	-
PLATT COLOR	84-50	742,10	427	46,8	400
PLATT COLOR	133-50	1003,60	645	46,8	650
PLATT COLOR	140-60	1136,30	810	56,8	800

UNI-LAM

UNI-LAM avec lamelles radiantes à l'arrière
UNI-LAM with radiating fins at the rear.
UNI-LAM con listones radiantes en la espalda.

MOD. "PRO"	H-L cm	€ SB 9016	Δt 50K watt	▲▽ cm	ϟ W
UNI-LAM	80-49	593,50	619	45	-
UNI-LAM	120-49	787,30	863	45	-

Barre chromée : supplément 70,30 € chacun
Chromed handle: supplement 60.90 € each.
Mango cromado: suplemento 60,90 € cada uno

UNI-LAM 120-49

UNI-LAM 80-49

PRONTA CONSEGNA

EN STOCK

READY IN STOCK

EN STOCK

START CURVO

design Luigi Brembilla

Le sèche-serviettes START CURVO est le premier sèche-serviettes produit avec une surface arrondie. La ligne extrêmement pure et légèrement cintrée du design original de START CURVO le rend unique.

The START CURVO is the first heated towel rail with rounded surfaces. The original design of pure and slightly arched lines makes START unique in shape while increasing its practicality.

START CURVO ha sido el primer calentador de toallas de superficie curvada (patente 1991) para sobresalir de la pared lo menos posible.

MOD. "PRO"	H-L cm	€ SB 9016	Δt 50K watt	▲▽ cm	ϟ W
ST-CURVO	120-55	677,90	654	39,5	650
ST-CURVO	150-55	827,10	832	39,5	800

MOD. "PRO"	H-L cm	€ SB 9016	Δt 50K watt	▲▽ cm	ϟ W
C-CROM	90-55	1219,30	387	39,5	400
C-CROM	120-55	1416,30	523	39,5	500
C-CROM	150-55	1727,70	666	39,5	650

START

VERSION :
Avec des tuyaux droits/With straight pipes/Con tubos rectos

MOD. "PRO"	H-L cm	€ SB 9016	Δt 50K watt	▲▽ cm	ϟ W
START	90-45	407,50	409	31	400
START	90-55	424,90	484	41	500
START	120-45	487,30	552	31	500
START	120-55	504,90	654	41	650
Start SLIM	150-35	591,40	573	21	500
START	150-45	608,70	703	31	650
START	150-55	634,70	832	41	900
Start SLIM	180-35	680,60	706	21	650
START	180-45	697,90	861	31	900
START	180-55	723,90	1016	41	-

MOD. "PRO"	H-L cm	€ SB 9016	Δt 50K watt	▲▽ cm	ϟ W
ST-CROM	90-45	907,60	409	31	300
ST-CROM	120-45	1084,40	552	31	400
ST-CROM	120-55	1123,50	654	41	500
ST-CROM	150-55	1414,30	832	41	650

KUAD

design Luigi Brembilla

Une nouvelle harmonie dans la salle de bains : KUAD est le sèche-serviettes réversible qui peut être installé avec, en vue, le devant des collecteurs carré ou cintré.

A new sense of harmony in the bathroom: KUAD is a reversible towel-heater that can be fitted with either the flat or the curved side of the collectors in full view.

Armonía nueva en el baño: KUAD es el calentador de toallas reversible que se puede instalar con el frente de los colectores a la vista, cuadrado o curvo.

MOD. "PRO"	H-L cm	€	Δt 50K watt	▲▽ cm	ϟ W
KUAD	75-45	328,80	371	30,5	400
KUAD	75-50	334,60	415	35,5	400
KUAD	112-45	490,00	546	30,5	500
KUAD	112-50	499,30	609	35,5	650
Kuad SLIM	150-35	599,20	553	20,5	500
KUAD	150-45	613,10	713	30,5	650
KUAD	150-50	621,80	792	35,5	800
Kuad SLIM	175-35	676,00	643	20,5	650
KUAD	175-45	692,90	821	30,5	800
KUAD	175-50	708,40	910	35,5	900

C-CROM 90-55

KUAD 75-50

PLUS 12 150-50

PLUS 12

Le sèche-serviettes PLUS 12 est fabriqué avec des tubes fins majorés pour obtenir de très hautes performances.

The PLUS 12 towel heater has three series of thin tubes to offer high output.

El calentador de toallas PLUS12 se fabrica con tubos finos de tamaño aumentado para ofrecer excelentes rendimientos.

MOD. "PRO"	H-L cm	€	Δt 50K watt	▲▽ cm	ϟ W
PLUS 12	90-40	313,70	415	37	400
PLUS 12	90-50	319,80	481	47	500
PLUS 12	120-40	446,40	575	37	500
PLUS 12	120-50	459,50	667	47	650
PLUS 12	150-40	511,60	725	37	800
PLUS 12	150-50	527,70	841	47	900
PLUS 12	180-40	584,70	892	37	900
PLUS 12	180-50	612,20	1035	47	900

SHAR 116-50

SHAR

SHAR rappelle le radiateur sèche-serviettes traditionnel et résume ses caractéristiques principales. Il est agréable à voir, grâce à la forme demi-ovale de ses collecteurs.

SHAR has all the main characteristics of a traditional heated towel rail. Its aesthetic harmony arises from the semi-oval shape of the manifolds.

SHAR recoge el tema tradicional del radiador calentador de toallas, adoptando sus principales características. La forma semioval de los colectores, unidos a los tubos radiantes de 15 mm de diámetro, realzan su ligereza, solidez y carácter práctico, y le dan una estética agradable.

MOD.	H-L cm	€ Ral 9016	Δt 50K watt	▲▽ cm	ϟ W
SHAR PRO	69-50	259,70	373	47	400
SHAR PRO	116-50	372,40	612	47	650
SHAR PRO	160-50	469,70	823	47	800

PLANK 90-50

PLANK

Standard Ral 9016

MOD. "PRO"	H-L cm	€ Ral 9016	Δt 50K watt	▲▽ cm	ϟ W	*KIT TE €
PLANK	90-50	302,40	463	47	500	546,00
PLANK	125-50	403,20	640	47	650	659,40
PLANK	170-50	534,60	957	47	900	818,80
SUR DEMANDE / ON DEMANDE / BAJO PEDIDO						
PLANK	90-40	291,20	390	37	400	523,70
PLANK	125-40	389,80	539	37	500	633,40
PLANK	125-60	416,60	741	57	800	688,00
PLANK	180-40	572,30	806	37	800	843,70
PLANK	180-60	608,20	1110	57	1200	910,80

DIMENSIONS/DIMENSIONES
L: 40/50/60 cm
H: 88/124/172/180 cm
P: 9,6 cm

TUBES/TUBOS
20X20 mm - Ø 30 mm

* Thermostat page 244

Sablé : blanc-white-blanco
(SB9016 e SB9010) +15%

Couleurs /colors Brem+15/25%

PLUS 20 125-50

PLUS 20

Standard Ral 9016

DIMENSIONS/DIMENSIONES
L: 40/50/60 cm
H: 78/123/160/182 cm
P: 9,6 cm

TUBES/TUBOS
20X20 mm - Ø 30 mm

* Thermostat page 244

Sablé : blanc-white-blanco
(SB9016 e SB9010) +15%

Couleurs /colors Brem+15/25%

MOD. "PRO"	H-L cm	€ Ral 9016	Δt 50K watt	▲▽ cm	ϟ R.E. W	*KIT TE €
PLUS 20	80-50	240,80	410	45	400	463,30
PLUS 20	125-50	313,60	620	45	650	569,80
PLUS 20	160-50	380,80	788	45	800	652,20
SUR DEMANDE / ON DEMANDE / BAJO PEDIDO						
PLUS 20	125-40	302,40	523	35	500	546,00
PLUS 20	160-40	364,00	665	35	650	620,20
PLUS 20	180-50	448,00	928	45	900	732,20
PLUS 20	180-60	467,00	1084	55	1200	769,60

HEATING and SAVING
Everyone, and every designer, systems engineer, builder, and lawmaker is looking for ways to save on energy costs today in order to:
• reduce polluting atmospheric emissions;
• optimize comfort performance;
• lower energy consumption.

The world's two most common heating systems are:

THE RADIATOR SYSTEM,
The classic heating system with a boiler or heat pump and radiators that thanks to rapid heat transmission **(low thermal inertia)** can:
• work with both low and high system water temperatures;
• ensure nearly instantaneous adjustments to temperature variation with user-friendly and inexpensive regulation systems in single rooms or entire areas;
• facilitate installation with lower costs;
• minimize pump electric power consumption.

The low thermal inertia of the radiators makes it easy to keep the room at comfort temperature (20 °C) only when necessary, in this way permitting significant energy savings.

THE UNDERFLOOR RADIANT HEATING SYSTEM
(only with **high thermal inertia**) consists of cross-linked polyethylene or multilayer pipes laid on insulating panel incorporated in the floor's substrate screed and one or more circuits for the area to be heated.
• Floor surface temperature must never exceed 29 °C in the living areas and 35 °C in the service areas.
• Room temperate regulation can be either on/off type with water circulation interruption or delivery water temperature modulation type.
• Temperatures in single rooms/areas are adjusted by motorized valves in every circuit.
• Because the panels cannot ensure adequate comfort, bathrooms are supplied with a heated towel rail with either mixed or electric power.

The heat is initially transmitted to the floor screed and then transferred to the room for heating (high thermal inertia) **with a substantial delay of usually no less than 6 hours between the request for/interruption of heat emission and the perception of heat in the room, in this way leading to higher energy consumption.**

A BUILDING'S ENERGY REQUIREMENT
depends on numerous physical phenomena associated with thermal exchange, heat transmission, and the type and characteristics of the heat generators and heating elements.

The main factors Involved in determining the energy required to heat a building are therefore:
• the thermohygrometric characteristics of the building's constructive materials;
• the efficiency of the technological systems;
• auxiliary electric power consumption;
• building/heating system interaction;
• the building's intended use.

Maximum efficiency and sustainability means achieving the maximum level of every parameter involved.

THE BUILDING ENVELOPE
is the most important element in determining the energy required to meet its heating needs. The quantity of heat needed to heat a building and therefore its energy requirement depends solely on its constructive features.
The thermal power that must be provided by the heating system to keep the building at a temperature of 20 °C Is always the same regardless of the type of heating system used.

For example:

Energy class	Heated area	Thermal power required
- Class A	100 sq m	4,050 W
- Class G	100 sq m	13,000 W

The thermal power requires depends on the building's insulation.

BUILDING/HEATING SYSTEM INTERACTION
The building's intended use affects the heating system's operating modes:
• continuous;
• discontinuous.
For this reason, the heating system must be capable of optimizing its output as required by the operating mode.
Residential buildings, offices and schools are not occupied uninterruptedly and for such reason can be heated discontinuously, which is very useful whenever energy must be saved (current regulations specify heating system operation to different temperatures during the day).

A home's comfort temperature (20 °C) must be constantly maintained only when its inhabitants are at home.

HEATING SYSTEM EFFICIENCY
is the heating system's performance in terms of:
• output, which depends on the characteristics of the heat generator;
• distribution, which depends on the characteristics of the hydraulic network;
• emission, which depends on the characteristics of the radiators in the room;
• regulation, which depends on the thermal inertia of the radiators.

- OUTPUT EFFICIENCY depends on the characteristics of the heat generator and the heating elements.
The combustion efficiency for condensing boilers or the COP (coefficient of performance) for heat pumps depends on the average temperature of the system water. The lower this average temperature is, the higher the efficiency is.

- COMBUSTION EFFICIENCY depends on:
• the length of the connection network between the heat generator and the heating bodies (the length of the piping must be kept as short as possible and efficient insulation must be used);
• the average temperature of the water inside the piping and above all, its insulation (low temperature: < 50 °C);
• electrical power consumption (circulation pumps, motorized valves): the higher the consumption, the lower the efficiency.
The use of the following heating elements that operate at low temperature is also advised:
• fan coils;
• radiant panels;
• heating elements/Radiators.
Regardless of their constructive material, all radiators are suited operation at both high and low temperature.

- EMISSION EFFICIENCY is one characteristic of heating elements.
The thermal power delivered is indicated in the manufacturers' catalogs.

- REGULATION EFFICIENCY depends on numerous parameters, the most important of which is the heating system's thermal inertia. One positive aspect of radiators is the possibility they offer to take advantage of "bonus" temperature rises (sunshine, mid-seasonal rises, indoor heat, the presence of people, etc.) because their low thermal inertia allows them to immediately Interrupt heat delivery (a form of regulation that is scarcely efficient for radiant panel systems).

Low thermal inertia systems follow variations in temperature rapidly (both inside and outside the building) and vaunt higher regulation efficiency than high thermal inertia systems.

IN SHORT: THE ENERGY NEED DEPENDS ON THE BUILDING.

THE DELIVERY OF THE ENERGY NEEDED DEPENDS ON THE HEATING SYSTEM.

THE PERFORMANCE OBTAINED BY THE EFFICIENCY OF REGULATION OF DELIVERY IS FUNDAMENTAL.

RADIANT PANEL and RADIATOR PERFORMANCE COMPARED

RESEARCH CONDUCTED BY ENG. FRANCESCO PAOLETTI PUBLISHED IN: WWW.BREM.IT/RISCALDARE-RISPARMIARE

RESEARCH AGREEMENT between the "Sergio Stecco" Energy Department at the UNIVERSITY OF FIRENZE and GLOBAL Srl.

The comparison was made in 2 test chambers of identical dimension, constructive type, and energy needs equivalent to an approx. 50-60 sq m Class A building, one with radiant panels and the other radiators, both equipped with a 7.5 kW heat pump.
The thermal profile of the two test chambers may be considered reasonably comparable and therefore assumed as representative.
The comparison between the energy consumed by the two systems is unconnected to the type of heat source used and is and based on the actual heat entering each system.

ANALYSIS OF THE RESULTS
Analyzing the energy charts and consumptions of the two systems shows that under all circumstances and operating modes (continuous/discontinuous):
• the radiant panel heating system consumes more energy than the radiator heating system;
• the electrical power consumptions of the radiant panel systems are always higher than those of the radiator system;
• at equivalent temperature set points, and despite the more refined regulation, the temperature of the room heated by radiant panels tends to be always higher than the other room. In particular, during time-band operation, higher temperatures are observed even with the system switched off, which in practice corresponds to moments in which the building is not occupied and therefore no need for heating exists.
This becomes more evident as outdoor temperatures rise and daily temperature variations increase (in mid-season), a condition typical to most heating system operating hours in most parts of Italy.
Also in the tests conducted with radiator water set at higher temperatures that seriously penalized consumption, significant savings were observed in radiator systems (in demonstration of the fact that the optimization of output efficiency may be all in vain if the emission system is not in the condition to maximize regulation efficiency).
In addition to thermal consumptions being always higher, also the electric consumptions of the radiant panel system were also always higher due to the higher pumping power necessary for the circulation of a higher quantity of water than in the radiator circuit.

RESULTS OF FIRST TEST CAMPAIGN
Total energy consumed from 10/02 to 01/05
Continuous 24 hour operation
Discontinuous operation with 2 time-bands
Discontinuous operation with 3 time-bands
Radiant panel on/off regulation
Radiator on/off regulation
Radiant panel average delivery temperature: 40 °C
Heat pump set-point temperature: 45 °C
Radiant panel active energy: 861.898 kW
Radiator active energy: 638.999 kW

RADIANT PANEL ENERGY CONSUMPTION +34.9%

Days		Energy Consumption		Energy Consumption
		Panels	Radiators	DIFFERENCE
from	to	kWht	kWht	Panel-Radiator
16/2	20/2	87,4	79,0	+ 10,6%
24/2	3/03	115,9	82,9	+39,8%
19/3	8/04	221,7	178,2	+24,4%

RRESULTS OF SECOND TEST CAMPAIGN
Total energy consumed from 23/11 to 15/04
Continuous 24 hour operation
Discontinuous operation with 3 time-bands
Radiant panel on/off regulation
Radiator on/off regulation
Radiant panel average delivery temperature: 35 °C
Heat pump set-point temperature: 40 °C
Radiant panel active energy: 1756.700 kW
Radiator active energy: 1591.400 kW

RADIANT PANEL CONSUMPTION +10.4%

The second test campaign was conducted with a structure oriented at optimizing the radiant panel system (continuous operation at low temperature) while feeding radiators with water at higher temperatures at the same time (a choice that penalizes heat pump efficiency and consumption)

THE ENERGY CONSUMPTIONS OF THE RADIANT PANEL system exceeded those of the RADIATOR system by 10 - 40%

COMPARISON OF THE PERFORMANCES OF THE TWO SYSTEMS
The data selection criteria permitted the identification of the five days that may be considered representative of the different conditions of operation of the two systems in question.

Radiant panel systems clearly show higher thermal consumptions than radiator systems with differences in the range of 4 - 44% on the typical test days considered.
The differences are minimal under continuous operation but increase significantly with time-band operation, in this way confirming the tendency of radiant panels to operate continuously due to their high thermal inertia.

The thermal consumptions of each of the two systems were obtained from the differences in water delivery and return temperatures and the ambient temperature after electrical absorption values were detracted

The results showed the radiator system to have less thermal consumption, varying from 5% under continuous operation (optimum for radiant panels) to 40% for highly discontinuous operation.

The difference between the electric power consumptions and the thermal consumptions of the two systems gradually increased as the warmer months approached in which reduced requests for heat increased the incidence of the heating circulators.

• In all tests, the average temperature of the room with radiant panels was observed to be higher than the room with radiators due to the higher thermal inertia of the radiant panels.
• This explains also why the radiant panel system generally consumes more energy than radiators during hours in which operation is discontinuous.

The table provides total thermal and electric power consumptions in the 24 hours of the five typical days

TYPICAL DAY	Tot. Thermal Consumption		DIFFERENCE	Electric Power Consumption		DIFFERENCE
	PANELS	RADIATORS	Thermal consumption	PANELS	RADIATORS	electric consumption
	kWht	kWht	Panel-Radiator	kWht	kWht	Panel-Radiator
1	41,5	39,7	+ 4,5%	17,1	15,2	+12,5%
2	33,1	26,5	+24,9%	15,0	10,3	+45,6%
3	19,3	16,7	+15,6%	10,2	9,2	+10,9%
4	17,7	9,9	+78,8%	9,6	7,2	+33,3%
5	13,6	11,6	+17,2%	8,5	3,6	+ 236%

THE USER CAN ASSESS HOW MUCH SAVING CAN BE MADE USING THE RADIATOR HEATING SYSTEM IN DISCONTINUOUS OPERATION

The inadequacy and economic disadvantages of radiant panel heating for newly constructed Class A civil buildings characterized by very low heating loads and very low thermal inertia is plainly clear to see.

The absence of radiators occupying wall space is proposed as an advantage offered by floor heating, which makes no visual impact of its own, but choosing attractive radiators with original shapes built expressly for the spaces available can enable authentic interior architecture that can be personalized by color or rendered nearly invisible by matching the finishing given to the walls

Making the right decision to heat your home is a choice of fundamental importance: the highly vaunted economic advantages of the radiant panel system have been proven to be untrue.
The possibility to switch heating on and off quickly and suddenly (the one and only real saving in energy) is still the most appropriate solution today.

"SLIM"
SECHE-SERVIETTES / TOWEL RAILS / CALENTADORES DE TOALLAS

BREM, toujours attentif à occuper l'espace de la manière la plus appropriée, propose les modèles «SLIM» de la collection de seche-serviettes, avec des largeurs très petites (de 10 à 35 cm) pour être insérées n'importe où.

BREM, always careful to occupy the space in the most appropriate way, proposes "SLIM" models of the towel-rails collection, with widths very small (from 10to 35 cm) to be inserted anywhere.

BREM, siempre atenta a ocupar el espacio del modo más adecuado, propone modelos SLIM de la colección de calentadores de toallas, de anchos muy reducidos (de 10 a 36 cm) para facilitar su colocación en todas partes.

KUO

INDEX "SLIM" MOD.	H-L cm	NEWS 2018 page	TARIF Price List 2017 page
STRAW/PAILLE/PAJA			
CANN	160/175-40	37	246
CANN	160/190-40	37	246
HOOK	180-10	47	84
HOOK	180-20	47	84
HOOK	180-30	47	84
KUO	150-25	30	-
KUO	180-25	30	-
KUO	150-35	30	-
KUO	180-35	30	-
LAME SLIM	180-30	45	64
QUAR SLIM	150-30	-	38
QUAR SLIM	180-30	-	38
PIT	132-32	43	46
PIT	176-32	43	46
PLATT Color	180-35	49	104
KORE	120-32	-	140
KORE	150-32	-	140
KORE	175-32	-	140
KUAD	150-35	50	222
KUAD	175-35	50	222
MAHN SLIM	150-28	-	224
MAHN SLIM	180-28	-	224
SHAR SLIM	140-33	-	228
SHAR SLIM	180-33	-	228
START SLIM	150-35	50	230
START SLIM	180-35	50	230

MAHN

SHAR

Colore Copertina: SB 9016 Bianco sablé colore di serie - Couleur de la couverture : BREM Blanc sablé standard SB 9016
Cover color: BREM Standard white sablé SB 9016 - Color de cubierta: SB 9016 Color blanco sablé como estándar

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