

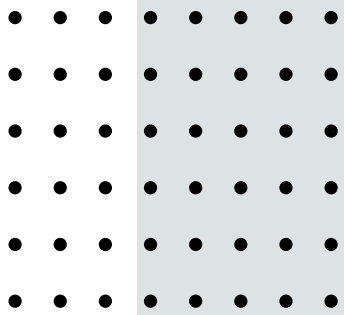


Inspiring design

 **fondital**

BE INNOVATIVE ● ○ ●





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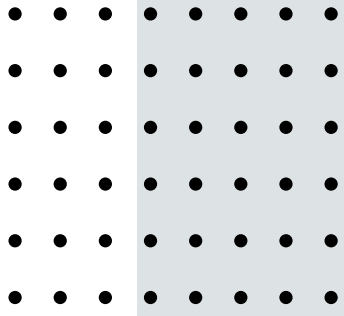
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Inspiring design

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The word "Aleternum" is written in a black, elegant cursive script. It is centered within a large, light grey circle that overlaps the right side of the page's main content area.

01 TOTAL ANTICORROSION TREATMENT

Corrosion is the main cause of malfunction in heating systems.

In addition to degrading system components, it significantly reduces heat output over the years, which consequently leads to a greater economic burden.

For instance, in heating systems with cast-iron or steel radiators, the sludge produced by corrosion will settle at the bottom and obstruct radiators and pipes, reducing or completely hindering heat output and resulting in an unbalanced heat distribution.

To prevent the radiator from corroding, **Fondital developed Aleternum®**, **the exclusive resin-based inner surface treatment** to protect the radiator's water chamber.

Aleternum® by Fondital opens up a new era of **total protection**, safety and high output rates for heating systems. *Your heating system will always remain as new as day one!*

WHAT IS CORROSION?

Chemical-physical interaction of metal with an aqueous environment resulting in modifications in the metal properties and often leading to loss of functionality of the metal, the environment or the system they operate in.

METAL + WATER+ OXIDISING AGENT = CORROSION

There are different types of corrosion, depending on the way metallic parts are affected by it:

- **GENERAL CORROSION**

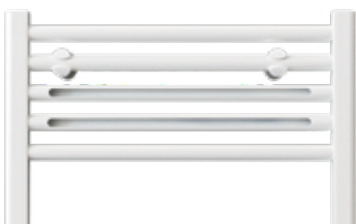
(Also called widespread corrosion) when the **entire surface area** of the material is affected by corrosion.

- **UNIFORM CORROSION**

When corrosion affects the entire surface area of the material and causes **the same amount of damage at all points of the surface**.

- **LOCALISED CORROSION**

Corrosion affects **only certain areas of the material**; the area affected by corrosion may present different morphologies, such as pits, craters, cavities, pinholes, cracks.



*Anticorrosive characteristics are ensured if the product is installed in a **closed-circuit heating installation**, in which all the cleaning and water treatment operations have to be made **according to the relevant specific installation standards**.

FONDITAL ALUMINIUM

- **EXTERNAL TREATMENT**

Fondital Aluminium has characteristics that **prevent any external corrosion;**

- **INTERNAL TREATMENT**

Thanks to the Aleternum treatment, the **radiator is always clean**, free from rust and sludge;

- **SYSTEM WATER**

Unlike steel radiators, the water in the system is **always clean and free from residues and impurities;**

- **TYPE OF COATING**

Our radiators feature a **double** coating: an antioxidant layer to protect the aluminium and an external finish;

- **PATENTED CONNECTION**

Connections between pipes and columns of our radiators are **patented and tested** for your safety;

- **WEIGHT FACTOR**

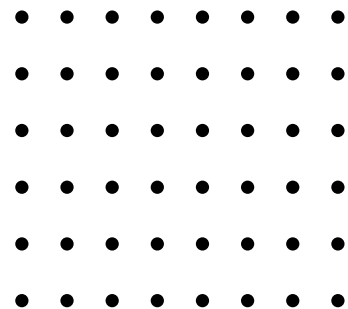
Our radiators are **easy to handle, transport and assemble;**

- **PRICE**

The value for money of our radiators is **excellent!**

Design collections

Fondital is a **premium brand** of heating systems. Established over 50 years ago, the company has now developed into a well-established, **internationally renowned business enterprise**. Fondital's new design ranges are the top choice for architects who want to add a sophisticated touch to their projects with a wide range of finishes, dimensions and colours. **Heating solutions that are true work of art:** the new design radiators combine beautiful appearance and optimal heat output.



02

Mood & Tribeca

Rediscover the vintage modern style with **Mood & Tribeca**. This radiator combines a **traditional look with cutting-edge aluminium technology**. Thanks to the wide range of finishes and colours available, the radiators of this collection are true pieces of interior design.

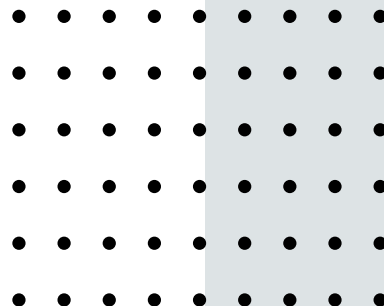
ADVANTAGES

- 15-YEAR WARRANTY
- WORKING PRESSURE 16 BAR
- ALETERNUM TREATMENT INCLUDED IN THE PRICE
- TWO COLUMNS FOR THE POWER OF THREE
- LIGHTNESS



Models Mood and Tribeca are available in a number of colours, **see table on page 45**

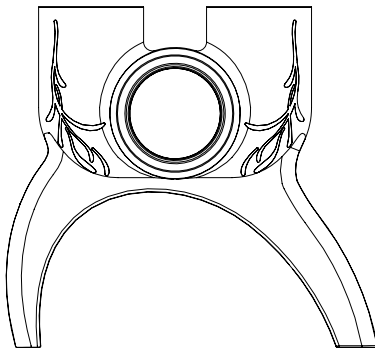
Apply a 45% surcharge based on the gloss white (RAL 9010)





Mood

WITH DECORATION



The MOOD radiator stands out for its **decoration on the upper and lower parts.**

The Mood model with supporting feet is supplied with centre distances from 1000 to 2000 mm. The supporting feet for this model only have an aesthetic function. The radiator **must be secured to the wall with brackets.**

Mood colour palette
Rubino cod. 2A



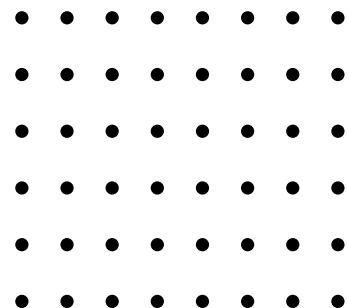
Tribeca

WITHOUT DECORATION



All **MOOD & TRIBECA** models have a warranty of **15 years** from the date of installation against manufacturing defects, provided that the system is implemented in compliance with the highest standards.

Tribeca colour palette
Silver cod. 2F

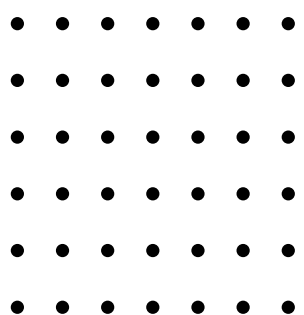


TECHNICAL SPECIFICATIONS

MODEL	DEPTH (mm)	HEIGHT* (mm)	CENTRE DISTANCE	LENGTH (mm)	CONNECTION DIAMETERS	WATER CONTENT (l/sect.)	EXPONENT (n)	COEFFICIENT (K _m)
235	90	284	235	50	G1	0.43	1.2665	0.2158
335	90	384	335	50	G1	0.58	1.2792	0.2718
350	90	399	350	50	G1	0.71	1.2800	0.2799
435	90	484	435	50	G1	0.85	1.2849	0.3243
500	90	549	500	50	G1	0.95	1.2885	0.3566
535	90	584	535	50	G1	1.00	1.2905	0.3734
600	90	649	600	50	G1	1.10	1.2942	0.4037
685	90	734	685	50	G1	1.15	1.2990	0.4418
700	90	749	700	50	G1	1.18	1.2999	0.4484
800	90	849	800	50	G1	1.34	1.3055	0.4907
835	90	884	835	50	G1	1.38	1.3075	0.5050
900	90	949	900	50	G1	1.50	1.3091	0.5353
935	90	984	935	50	G1	1.56	1.3100	0.5514
1000	90	1049	1000	50	G1	1.66	1.3115	0.5812
1135	90	1184	1135	50	G1	1.88	1.3149	0.6420
1200	90	1249	1200	50	G1	1.98	1.3164	0.6809
1400	90	1449	1400	50	G1	2.28	1.3213	0.7583
1435	90	1484	1435	50	G1	2.36	1.3210	0.7771
1600	90	1649	1600	50	G1	2.60	1.3192	0.8673
1735	90	1784	1735	50	G1	2.85	1.3178	0.9430
1800	90	1849	1800	50	G1	2.95	1.3171	0.9801
1935	90	1984	1935	50	G1	3.10	1.3156	1.0585
2000	90	2049	2000	50	G1	3.22	1.3150	1.0970

* Models with feet are 54 mm higher

Feet are available on Mood radiator only



MODEL	ΔT 30 (W/sect.)	ΔT 40 (W/sect.)	ΔT 50 (W/sect.)	ΔT 60 (W/sect.)	ΔT 70 (W/sect.)	MODEL	ΔT 30 (W/sect.)	ΔT 40 (W/sect.)	ΔT 50 (W/sect.)	ΔT 60 (W/sect.)	ΔT 70 (W/sect.)
235	16.0	23.1	30.6	38.6	46.9	935	47.5	69.2	92.7	117.7	144.0
335	21.1	30.5	40.5	51.1	62.3	1000	50.3	73.4	98.3	124.9	152.8
350	21.8	31.5	41.9	52.9	64.4	1135	56.2	82.0	110.0	139.8	171.2
435	25.6	37.1	49.4	62.5	76.1	1200	59.9	87.5	115.7	149.3	182.8
500	28.5	41.3	55.1	69.7	85.0	1400	67.9	99.2	133.3	169.6	207.9
535	30.1	43.6	58.2	73.6	89.8	1435	69.5	101.6	136.4	173.5	212.7
600	32.9	47.8	63.8	80.8	98.6	1600	77.1	112.6	151.2	192.3	235.6
685	36.6	53.3	71.2	90.2	110.2	1735	83.4	121.8	163.4	207.8	254.6
700	37.3	54.2	72.5	91.8	112.2	1800	86.4	126.3	169.4	215.4	263.9
800	41.6	60.6	81.1	102.8	125.8	1935	92.9	135.7	181.9	231.3	283.3
835	43.1	62.8	84.1	106.7	130.5	2000	96.1	140.2	188.1	239.0	292.7
900	45.9	67.0	89.7	113.9	139.3						

Maximum working pressure: **1600 kPa (16 bar)**

Characteristic equation of the **model** $\Phi = K_m \Delta T^n$ (reference EN 442-1)

The heat output values shown comply with the European Standard EN 442-1 and are certified by the MRT Lab of the Milan Polytechnic, notified body N°1695.

MOOD CONFIGURATIONS:

CENTRE DISTANCES	BATTERY COMPOSITION
235 - 335 - 350 - 435 - 500 - 535 - 600	Radiator made of 4 to 20 sections
685 - 700 - 800 - 835	Radiator made of 4 to 16 sections
900 - 935 - 1000 - 1135 - 1200 - 1400 1435 - 1600 - 1735 - 1800 - 1935 - 2000	Radiator made of 4 to 9 sections

MOOD CONFIGURATIONS (with supporting feet):

CENTRE DISTANCES	BATTERY COMPOSITION
1000 - 1135 - 1200 - 1400 - 1435 1600 - 1735 - 1800 - 1935 - 2000	Radiator made of 4 to 9 sections

TRIBECA CONFIGURATIONS:

CENTRE DISTANCES	BATTERY COMPOSITION
235 - 335 - 350 - 435 - 500 - 535 - 600	Radiator made of 4 to 20 sections
685 - 700 - 800 - 835	Radiator made of 4 to 16 sections
900 - 935 - 1000 - 1135 - 1200 1400 - 1435 - 1600 - 1735 - 1935	Radiator made of 4 to 9 sections
1800 - 2000	Radiator made of 4 to 12 sections



MOOD CODE EXTRAPOLATION:

To obtain the radiator code, it is necessary to add to the code the four final digits relating to the **colour and number of sections**.

MODEL	CODE	MODEL	CODE	MODEL with supporting feet	CODE
235	EA11A0 xx xx	935	EA11G0 xx xx	1000	EA30G0 xx xx
335	EA11B0 xx xx	1000	EA10G0 xx xx	1135	EA31H0 xx xx
350	EA10A0 xx xx	1135	EA11H0 xx xx	1200	EA30H0 xx xx
435	EA11C0 xx xx	1200	EA10H0 xx xx	1400	EA30I0 xx xx
500	EA10B0 xx xx	1400	EA10I0 xx xx	1435	EA31I0 xx xx
535	EA11D0 xx xx	1435	EA11I0 xx xx	1600	EA30L0 xx xx
600	EA10C0 xx xx	1600	EA10L0 xx xx	1735	EA31L0 xx xx
685	EA11E0 xx xx	1735	EA11L0 xx xx	1800	EA30M0 xx xx
700	EA10D0 xx xx	1800	EA10M0 xx xx	1935	EA31M0 xx xx
800	EA10E0 xx xx	1935	EA11M0 xx xx	2000	EA30N0 xx xx
835	EA11F0 xx xx	2000	EA10N0 xx xx		
900	EA10F0 xx xx				

TRIBECA EXTRAPOLATION CODE:

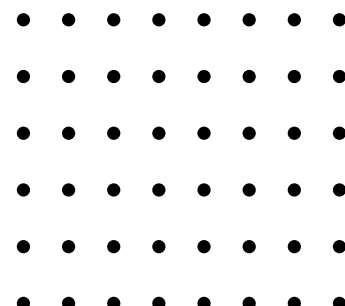
To obtain the radiator code, it is necessary to add to the code the four final digits relating to the **colour and number of sections**.

MODEL	CODE	MODEL	CODE	MODEL	CODE
235	EA21A0 xx xx	700	EA20D0 xx xx	1400	EA20I0 xx xx
335	EA21B0 xx xx	800	EA20E0 xx xx	1435	EA21I0 xx xx
350	EA20A0 xx xx	835	EA21F0 xx xx	1600	EA20L0 xx xx
435	EA21C0 xx xx	900	EA20F0 xx xx	1735	EA21L0 xx xx
500	EA20B0 xx xx	935	EA21G0 xx xx	1800	EA20M0 xx xx
535	EA21D0 xx xx	1000	EA20G0 xx xx	1935	EA21M0 xx xx
600	EA20C0 xx xx	1135	EA21H0 xx xx	2000	EA20N0 xx xx
685	EA21E0 xx xx	1200	EA20H0 xx xx		

Example

MOOD radiator 600 with 10 sections - Gloss white

Es: EA10C0 + 04 + 10



ACCESSORIES


Mood & Tribeca

Fixing kit with pincers + plugs and adapters:




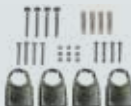
- 1 FLAT ½ BLEED VALVE
- 2 PLASTIC COVERS
- 1 FLAT ½ PLUG
- 2 RH ADAPTERS
- 2 LH ADAPTERS
- 4 O-RING SEALS 1"
- 3 METAL SHEET BRACKETS
- 3 PLASTIC COVERS
- 3 RH PINCERS
- 3 LH PINCERS
- 1 RUBBER RETAINING PLUG

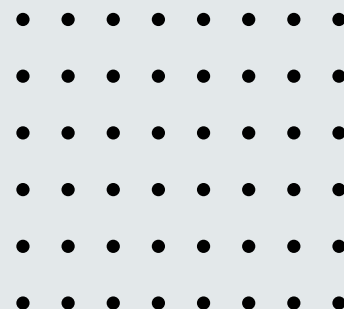
ITEM	COLOUR	CODE
	White	550122
	White - pearl	550122MP
	Corvino textured matt	550122L
	Corvino gloss	550122LL
	Pearl pearl	550122NP
	Pearl gloss	550122NL
	Pearl matt	550122NO
	Organza gloss	550122DL
	Organza matt	550122DO
	Turtle matt	550122PO
	Turtle textured matt	550122P
	Copper gloss	550122CL
	Copper textured matt	550122C
	Silver gloss	550122FL
	Silver textured matt	550122F
	Ardesia gloss	550122EL
	Ardesia textured matt	550122E
	Rubino gloss	550122BL
	Heloise textured matt	550122H
	Turquoise beach gloss	550122IL
Grafite textured matt	550122R	
Terra bruciata gloss	550122SL	
Black coffee textured matt	550122V	
Metropolitan textured matt	550122T	

Towel rack kit, with decoration:

ITEM	WIDTH	CODE
	237 mm	570125
	337 mm	570126
	437 mm	570127
	537 mm	570128

Other accessories:

ITEM	DESCRIPTION	CODE
	A 30/2 Lockshield plug 50 mm (water diaphragm)	521011M
	A 32/1 O-ring seal for nipples, plugs and adapters	530102
	A 74 Fixing kit for horizontal installation - White	550120
	A 75 Fixing kit for horizontal installation - Chrome	550121



03

Cool

Cool was designed to meet an increasing commercial demand for **functional, sophisticated and high-quality design** radiators, with an environmentally friendly approach aimed at minimising consumption and improving environmental sustainability.

Cool is elegant, technological and innovative, 100% Made in Italy.

Cool features versatile bathroom furnishing solutions available in a wide range of finishes and dimensions:
20 models, centre distances between 400 and 600, heights from 858 to 1740.

ADVANTAGES

- 12-YEAR WARRANTY
- MADE IN ITALY
- ALETERNUM TOTAL ANTICORROSION TREATMENT
- 100% FULLY RECYCLABLE ALUMINIUM
- WIDE RANGE OF COLOURS AND FINISHINGS
- DOUBLE COATING
- 2 TYPES OF HYDRAULIC CONNECTIONS
- PATENTED ASSEMBLY SYSTEM
- HIGH MECHANICAL EFFICIENCY



Models **Cool** are available in a number of colours, **see table on page 45**

Apply a 45% surcharge based on the gloss white (RAL 9010)



TECHNICAL SPECIFICATIONS

- **AVAILABLE CENTRE-TO-CENTRE DISTANCES (A):**

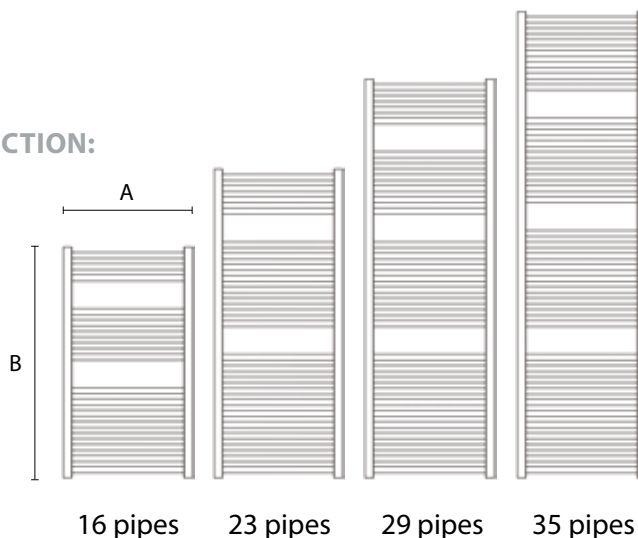
400 mm, 450 mm, 500 mm, 550 mm, 600 mm

- **AVAILABLE HEIGHTS (B):**

858 mm, 1152 mm, 1488 mm, 1740 mm

- **POSSIBILITY OF DOUBLE HYDRAULIC CONNECTION:**

Traditional and central from below (AC)



MODEL	HEIGHT (B)	DEPTH (mm)	CENTRE DISTANCE (A) (mm)	WIDTH (mm)	WATER CONTENT (l)	EXPONENT (n)	COEFFICIENT (K _n)
860/400	858	26	400	428	2.4	1.2015	3.1596
860/450	858	26	450	478	2.7	1.2443	2.8430
860/500	858	26	500	528	2.9	1.2468	3.0374
860/550	858	26	550	578	3.2	1.2492	3.2277
860/600	858	26	600	628	3.4	1.2517	3.4143
1160/400	1160	26	400	428	3.4	1.2029	4.1431
1160/450	1160	26	450	478	3.8	1.2479	3.8033
1160/500	1160	26	500	528	4.1	1.2487	4.1156
1160/550	1160	26	550	578	4.5	1.2495	4.4259
1160/600	1160	26	600	628	4.9	1.2502	4.7339
1490/400	1490	26	400	428	4.4	1.2045	5.3470
1490/450	1490	26	450	478	4.8	1.2520	4.9057
1490/500	1490	26	500	528	5.2	1.2509	5.3720
1490/550	1490	26	550	578	5.7	1.2497	5.8423
1490/600	1490	26	600	628	6.1	1.2486	6.3166
1740/400	1740	26	400	428	5.3	1.2182	6.0193
1740/450	1740	26	450	478	5.7	1.2406	6.0741
1740/500	1740	26	500	528	6.3	1.2408	6.6300
1740/550	1740	26	550	578	6.8	1.2410	7.1851
1740/600	1740	26	600	628	7.5	1.2412	7.7391

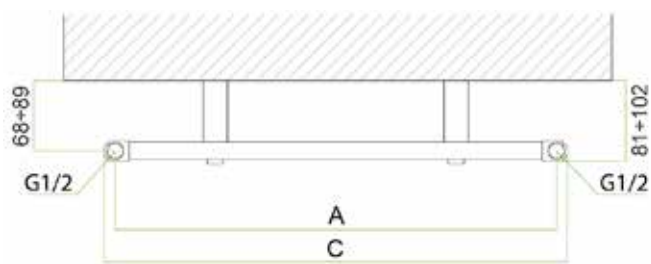
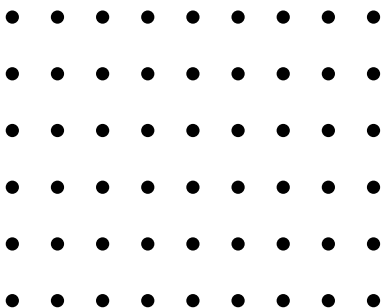
MODEL (B/A)	ΔT 30 (W)	ΔT 40 (W)	ΔT 50 (W)	ΔT 60 (W)	ΔT 70 (W)
860/400	188	266	348	433	521
860/450	196	280	370	464	562
860/500	211	302	399	501	607
860/550	226	324	428	537	651
860/600	241	346	457	574	696
1160/400	248	350	458	571	687
1160/450	265	380	502	630	763
1160/500	288	412	544	684	829
1160/550	310	444	587	737	894
1160/600	333	477	630	791	959
1490/400	322	455	595	741	892
1490/450	347	497	658	826	1002
1490/500	378	542	717	900	1092
1490/550	410	587	776	975	1182
1490/600	441	632	835	1049	1271
1740/400	379	539	707	883	1065
1740/450	413	590	778	976	1181
1740/500	451	645	850	1066	1291
1740/550	489	699	922	1156	1400
1740/600	527	754	994	1247	1509

Maximum working pressure:

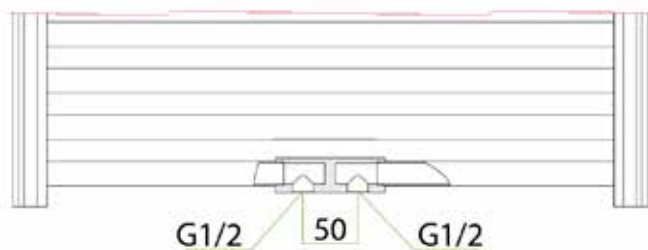
1600 kPa (16 bar)

Characteristic equation of the model $\Phi = K_m \Delta T^n$ (reference EN 442-1)

The thermal efficiency values shown comply with the European Standard EN 442-1 and are certified by the MRT Lab of the Milan Polytechnic, notified body N°1695.



LATERAL CONNECTION



CENTRAL CONNECTION (AC)

COOL EXTRAPOLATION CODE:

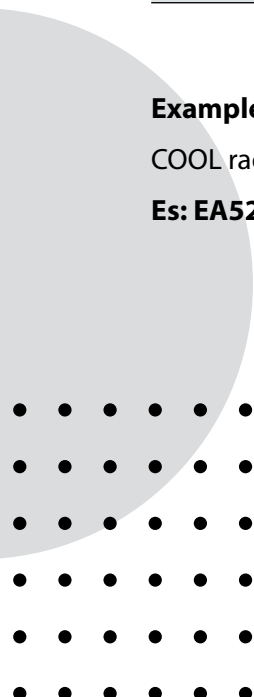
To obtain the radiator code, it is necessary to add to the code the two final digits relating to the finishing and the desired colour.

MODEL	LATERAL CONNECTION VERSION		CENTRAL CONNECTION VERSION	
	White RAL 9010	Colours	White RAL 9010	Colours
860/400	EA42E0 04	EA52E0 xx	EA62E0 04	EA62E0 xx
860/450	EA42A0 04	EA52A0 xx	EA62A0 04	EA62A0 xx
860/500	EA42B0 04	EA52B0 xx	EA62B0 04	EA62B0 xx
860/550	EA42C0 04	EA52C0 xx	EA62C0 04	EA62C0 xx
860/600	EA42D0 04	EA52D0 xx	EA62D0 04	EA62D0 xx
1160/400	EA42L0 04	EA52L0 xx	EA62L0 04	EA62L0 xx
1160/450	EA42F0 04	EA52F0 xx	EA62F0 04	EA62F0 xx
1160/500	EA42G0 04	EA52G0 xx	EA62G0 04	EA62G0 xx
1160/550	EA42H0 04	EA52H0 xx	EA62H0 04	EA62H0 xx
1160/600	EA42I0 04	EA52I0 xx	EA62I0 04	EA62I0 xx
1490/400	EA42Q0 04	EA52Q0 xx	EA62Q0 04	EA62Q0 xx
1490/450	EA42M0 04	EA52M0 xx	EA62M0 04	EA62M0 xx
1490/500	EA42N0 04	EA52N0 xx	EA62N0 04	EA62N0 xx
1490/550	EA42O0 04	EA52O0 xx	EA62O0 04	EA62O0 xx
1490/600	EA42P0 04	EA52P0 xx	EA62P0 04	EA62P0 xx
1740/400	EA42V0 04	EA52V0 xx	EA62V0 04	EA62V0 xx
1740/450	EA42R0 04	EA52R0 xx	EA62R0 04	EA62R0 xx
1740/500	EA42S0 04	EA52S0 xx	EA62S0 04	EA62S0 xx
1740/550	EA42T0 04	EA52T0 xx	EA62T0 04	EA62T0 xx
1740/600	EA42U0 04	EA52U0 xx	EA62U0 04	EA62U0 xx

Example









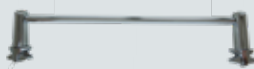
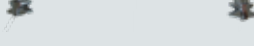
COOL radiator 1160/500 - Ardesia gloss.

Es: EA52G0 2B



ACCESSORIES

Accessories for installation:

ITEM	DESCRIPTION	CODE
 A 77	Installation kit 3 points with bleed valve and plug - White (standard supply)	550124
 A 79	Installation kit 3 points central connection with bleed valve and 3 plugs - White (standard supply)	550126
 A 78	Installation kit 3 points with bleed valve and plug - Chrome (standard supply)	550125
 A 89	Installation kit 3 points central connection with bleed valve and 3 plugs - Chrome (standard supply)	550127
	Supports for Cool - White (2 pieces)	570135
	Supports for Cool - Chrome (2 pieces)	570135C
	Towel rail 450/500/550 - White	570133
	Towel rail 600 - White	570134
	Towel rail 450/500/550 - Chrome	570133C
	Towel rail 600 - Chrome	570134C

TONDERA series valve for central connection

- 50 mm angle lockshield valve and **valve with thermostat option assembly**, interchangeable copper and multilayer pipe connection, non-drip end; RH.

COLOUR	CODE
Ral 9010 White	8496811
Chrome	8496812

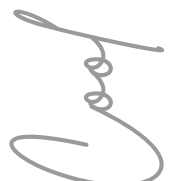


- 50 mm angle lockshield valve and **thermostat valve assembly**, interchangeable copper and multilayer pipe connection, non-drip end; RH.

COLOUR	CODE
Ral 9010 White	8496841
Chrome	8496842



DESCRIPTION	CODE
Reversible screw for Tondera from RH to LH - Gold	8490471



eCool Ed

E-Cool ED, the aluminum electric towel rail radiator, with standard **Aleternum anti-corrosion treatment**, ensures excellent durability and **prolonged resistance to corrosive agents**. Available in a **wide range of heat outputs and central distances**, it meets any residential needs while respecting the environment. In fact, the utilization of Fondital electric radiators permits to exploit **renewable energy sources** such as solar photovoltaic panels and wind energy, contributing to energy saving and air pollution reduction.

ADVANTAGES

- **LOW THERMAL INERTIA**
- **LCD BACKLIGHT INTERFACE**
- **DAILY AND WEEKLY PROGRAMMING OPTIONS**
- **WINDOW OPENING DETECTION**
- **CHILD SAFETY LOCK**
- **FIXING SYSTEM INCLUDED**
- **SCHUKO PLUG**
- **ALETERNUM TOTAL ANTICORROSION TREATMENT**



CLASSE II



Double isolation



Electric and electronic components are guaranteed **2 years from the date of purchase of the radiator.**

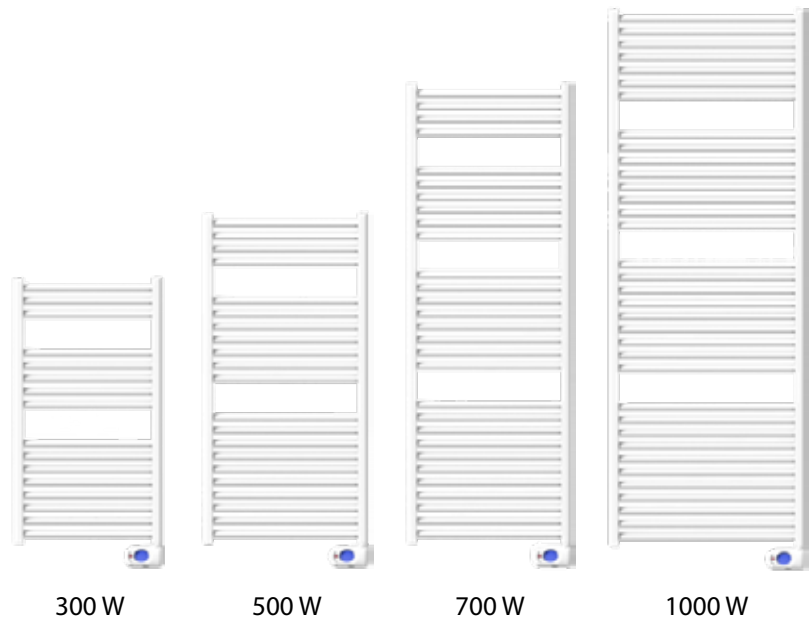
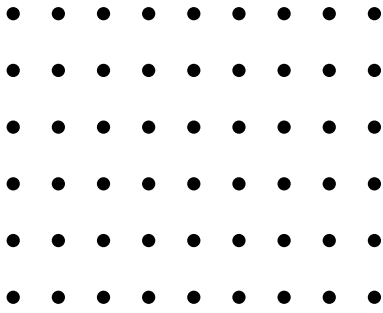
The aluminium alloy body is guaranteed against manufacturing defects for **5 years from date of purchase.**



INTEGRATED CHRONOTHERMOSTAT

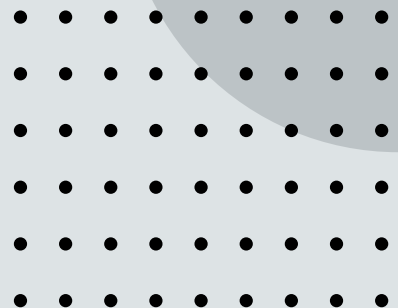


Fondital - Inspiring Design



TECHNICAL SPECIFICATIONS

MODEL	CODE	OUTPUT (W)	VOLTAGE (Vac)	FREQUENCY (Hz)	WIDTH (mm)	HEIGHT (mm)	DEPTH (mm)
300	FCA0M1YD30	300	230	50/60	478	933	45
500	FCA0M1YD50	500	230	50/60	528	1143	45
700	FCA0M1YD70	700	230	50/60	528	1563	45
1000	FCA0M1YDA0	1000	230	50/60	628	1815	45





04

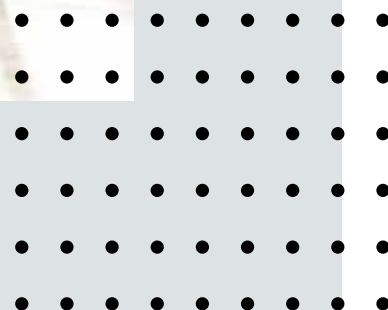
Pop

Being the result of an accurate development project, **Pop** is an innovative radiator that combines versatility and efficiency. In fact, it can be used in three different configurations: bathroom furnishing, home furnishing and standard. Thanks to its sophisticated and refined design, it can be installed in any environment, vertically or horizontally, to best satisfy different needs without sacrificing performance and efficiency.



ADVANTAGES

- 10-YEAR WARRANTY
- MADE IN ITALY
- 3 TYPES OF CONFIGURATION
- EXCLUSIVE DESIGN
- PATENTED TECHNICAL SOLUTION
- LOW THERMAL INERTIA
- LOW WATER CONTENT



POP - HOME FURNISHING CONFIGURATION



Home and bathroom furnishing configuration






Towel Rack:

It is possible to purchase as many as you need and they can be installed in the most convenient and desired position.

The handle position can be changed even after installation.

ACCESSORIES

Home and Bathroom Furnishing Configuration:

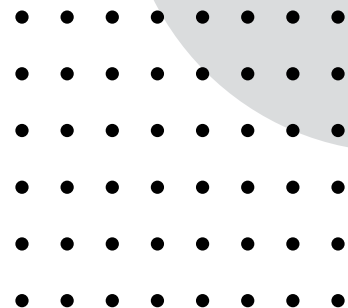
ITEM	DESCRIPTION	CODE
	Mounting kit - Home and bathroom furnishing configuration	550143
	Towel rack kit	550145
	The radiator fixing kit includes: 2 Rh G 1/2" adapters; 2 Lh G 1/2" adapters; 4 sealing gaskets; 1 G 1/2" manual bleed valve; 1 G 1/2" blind plug with seal	550103

TECHNICAL SPECIFICATIONS

Home and Bathroom Furnishing Configuration:

MODEL	CODE	DEPTH (mm)	HEIGHT (mm)	CENTRE DISTANCE (mm)	LENGTH (mm)	CONNECTION DIAMETERS	WATER CONTENT (l)	EXPONENT (n)	COEFFICIENT (K _m)
500/50-5	V33103405	50	400	500	553	G1	1.75	1.2332	1.7930
500/50-6	V33103406	50	480	500	553	G1	2.10	1.2332	2.1516
500/50-8	V33103408	50	640	500	553	G1	2.80	1.2332	2.8688
500/50-10	V33103410	50	800	500	553	G1	3.50	1.2332	3.5860
500/50-12	V33103412	50	960	500	553	G1	4.20	1.2332	4.3032
500/50-14	V33103414	50	1120	500	553	G1	4.90	1.2332	5.0204
500/50-16	V33103416	50	1280	500	553	G1	5.60	1.2332	5.7376
500/50-18	V33103418	50	1440	500	553	G1	6.30	1.2332	6.4548
500/50-20	V33103420	50	1600	500	553	G1	7.00	1.2332	7.1720
500/50-22	V33103422	50	1760	500	553	G1	7.70	1.2332	7.8892

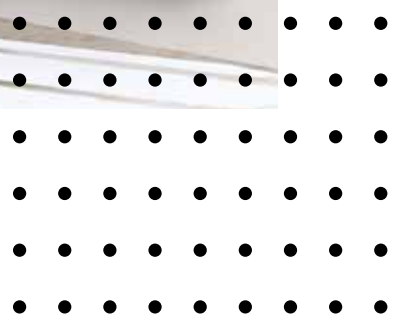
MODEL	ΔT 30 (W)	ΔT 40 (W)	ΔT 50 (W)	ΔT 60 (W)	ΔT 70 (W)
500/50-5	119.0	169.5	223.0	279.5	338.0
500/50-6	142.8	203.4	267.6	335.4	405.6
500/50-8	190.4	271.2	356.8	447.2	540.8
500/50-10	238.0	339.0	446.0	559.0	676.0
500/50-12	285.6	406.8	535.2	670.8	811.2
500/50-14	333.2	474.6	624.4	782.6	946.4
500/50-16	380.8	542.4	713.6	894.4	1081.6
500/50-18	428.4	610.2	802.8	1006.2	1216.8
500/50-20	476.0	678.0	892.0	1118.2	1352.0
500/50-22	523.6	745.8	981.2	1229.8	1487.2



Standard configuration



POP - STANDARD CONFIGURATION



ACCESSORIES

Standard Configuration:

ITEM	DESCRIPTION	CODE
	Mounting kit - Standard configuration	550144
	The radiator fixing kit includes: 2 Rh G 1/2" adapters; 2 Lh G 1/2" adapters; 4 sealing gaskets; 1 G 1/2" manual bleed valve; 1 G 1/2" blind plug with seal	550103

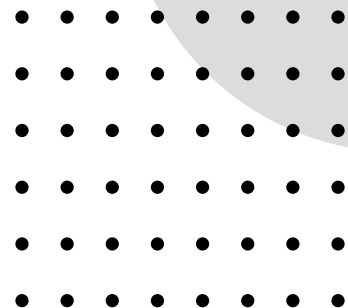
TECHNICAL SPECIFICATIONS

Standard Configuration:

MODEL	CODE	DEPTH (mm)	HEIGHT (mm)	CENTRE DISTANCE (mm)	LENGTH (mm)	CONNECTION DIAMETERS	WATER CONTENT (l)	EXPONENT (n)	COEFFICIENT (K _n)
500/50-5	V33103405	50	553	500	400	G1	1.75	1.2839	2.3010
500/50-6	V33103406	50	553	500	480	G1	2.10	1.2839	2.7612
500/50-8	V33103408	50	553	500	640	G1	2.80	1.2839	3.6816
500/50-10	V33103410	50	553	500	800	G1	3.50	1.2839	4.6020
500/50-12	V33103412	50	553	500	960	G1	4.20	1.2839	5.5224
500/50-14	V33103414	50	553	500	1120	G1	4.90	1.2839	6.4428
500/50-16	V33103416	50	553	500	1280	G1	5.60	1.2839	7.3632
500/50-18	V33103418	50	553	500	1440	G1	6.30	1.2839	8.2836
500/50-20	V33103420	50	553	500	1600	G1	7.00	1.2839	9.2040
500/50-22	V33103422	50	553	500	1760	G1	7.70	1.2839	10.1244

MODEL	ΔT 30 (W)	ΔT 40 (W)	ΔT 50 (W)	ΔT 60 (W)	ΔT 70 (W)
500/50-5	181.5	262.5	349.5	441.5	538.0
500/50-6	217.8	315.0	419.4	529.8	645.6
500/50-8	290.4	420.0	559.2	706.4	860.8
500/50-10	363.0	525.0	699.0	883.0	1076.0
500/50-12	435.6	630.0	838.8	1059.6	1291.2
500/50-14	508.2	735.0	978.6	1236.2	1506.4
500/50-16	580.8	840.0	1118.4	1412.8	1721.6
500/50-18	653.4	945.0	1258.2	1589.4	1936.8
500/50-20	726.0	1050.0	1398.0	1766.0	2152.0
500/50-22	798.6	1155.0	1537.8	1942.6	2367.2

Pop



Accessories

05

Fondital offers an **exhaustive range of accessories** to meet any installation needs. Valves and lockshield valves are available in **different design styles and finishes**, and will fit any type of pipes with 1/2" connection diameter, with straight or angle body pattern.

Valves

ALFA series valves 1/2" connection

Valves supplied without fitting



DESCRIPTION	WHITE CHROME	CHROME	GOLD
Angle valve, iron pipe connection	8493051	8493052	8493053
Straight valve, iron pipe connection	8493061	8493062	8493063
Angle lockshield valve, iron pipe connection	8493031	8493032	8493033
Straight lockshield valve, iron pipe connection	8493041	8493042	8493043
Angle valve, copper/PE/multilayer pipe connection	8493151	8493152	8493153
Straight valve, copper/PE/multilayer pipe connection	8493161	8493162	8493163
Angle lockshield valve, copper/PE/multilayer pipe connection	8493131	8493132	8493133
Straight lockshield valve, copper/PE/multilayer pipe connection	8493141	8493142	8493143

BETA series valves 1/2" connection

Valves supplied without fitting

DESCRIPTION	WHITE CHROME	CHROME
Angle valve, iron pipe connection	8483351	8483352
Straight valve, iron pipe connection	8483361	8483362
Angle lockshield valve, iron pipe connection	8493531	8493532
Straight lockshield valve, iron pipe connection	8493541	8493542
Angle valve, copper/PE/multilayer pipe connection	8483451	8483452
Straight valve, copper/PE/multilayer pipe connection	8483461	8483462
Angle lockshield valve, copper/PE/multilayer pipe connection	8493631	8493632
Straight lockshield valve, copper/PE/multilayer pipe connection	8493641	8493642



GAMMA series valves 1/2" connection

Valves supplied without fitting

DESCRIPTION	WHITE CHROME	CHROME
Angle valve, iron pipe connection	8484351	8484352
Straight valve, iron pipe connection	8484361	8484362
Angle lockshield valve, iron pipe connection	8494531	8494532
Straight lockshield valve, iron pipe connection	8494541	8494542
Angle valve, copper/PE/multilayer pipe connection	8484451	8484452
Straight valve, copper/PE/multilayer pipe connection	8484461	8484462
Angle lockshield valve, copper/PE/multilayer pipe connection	8494631	8494632
Straight lockshield valve, copper/PE/multilayer pipe connection	8494641	8494642



LIBERTY series valve 1/2" connection

Valves supplied without fitting*

DESCRIPTION	WHITE	RAL 1036
Angle valve, iron pipe connection, non-drip end	8493251	8493256
Angle lockshield valve, iron pipe connection, non-drip end	8493231	8493236



DESCRIPTION	CAST IRON	BRONZE
Angle valve, iron pipe connection, non-drip end	8493254	8493255
Angle lockshield valve, iron pipe connection, non-drip end	8493234	8493235



*An adapter is required for copper multilayer pipes

Adapter for copper and multilayer LIBERTY series pipes

PIPE SIZE	GOLD*	BRONZE
3/4" X 24/19	8493283	8493285

* Can be used with valves and lockshield valves in white, RAL 1036 and cast iron

Fondital - Inspiring Design

OLD STYLE series valve 1/2" connection

Valves supplied without fitting

DESCRIPTION	WHITE	CHROME
Thermostatic angle valve, iron pipe connection, non-drip end	8493671	8493672
Angle valve, iron pipe connection, non-drip end	8493371	8493372
Angle lockshield valve, iron pipe connection, non-drip end	8493411	8493412
Thermostatic straight valve, iron pipe connection, non-drip end	8493681	8493682
Straight valve, iron pipe connection, non-drip end	8493381	8493382
Straight lockshield valve, iron pipe connection, non-drip end	8493421	8493422
Thermostatic angle valve, copper and multilayer pipe connection, non-drip end	8493691	8493692
Angle valve, copper and multilayer pipe connection, non-drip end	8493391	8493392
Angle lockshield valve, copper and multilayer pipe connection, non-drip end	8493431	8493432
Thermostatic straight valve, copper and multilayer pipe connection, non-drip end	8493701	8493702
Straight valve, copper and multilayer pipe connection, non-drip end	8493401	8493402
Straight lockshield valve, copper and multilayer pipe connection, non-drip end	8493441	8493442

DESCRIPTION	BRONZE
Thermostatic angle valve, iron pipe connection, non-drip end	8493675
Angle valve, iron pipe connection, non-drip end	8493375
Angle lockshield valve, iron pipe connection, non-drip end	8493415
Thermostatic straight valve, iron pipe connection, non-drip end	8493685
Straight valve, iron pipe connection, non-drip end	8493385
Straight lockshield valve, iron pipe connection, non-drip end	8493425
Thermostatic angle valve, copper and multilayer pipe connection, non-drip end	8493695
Angle valve, copper and multilayer pipe connection, non-drip end	8493395
Angle lockshield valve, copper and multilayer pipe connection, non-drip end	8493435
Thermostatic straight valve, copper and multilayer pipe connection, non-drip end	8493705
Straight valve, copper and multilayer pipe connection, non-drip end	8493405
Straight lockshield valve, copper and multilayer pipe connection, non-drip end	8493445



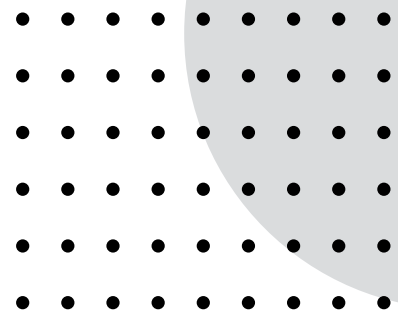
TONDERA series valve 1/2" connection

Valves supplied without fitting

DESCRIPTION	WHITE
Angle valve with thermostat option, copper and multilayer pipe connection, non-drip end	8496131
Thermostatic angle valve, copper and multilayer pipe connection, non-drip end	8496331
Manual adjustment angle valve, copper and multilayer pipe connection, non-drip end	8496231
Angle lockshield valve, copper and multilayer pipe connection, non-drip end	8496731
Straight valve with thermostat option, copper and multilayer pipe connection, non-drip end	8496151
Thermostatic straight valve, copper and multilayer pipe connection, non-drip end	8496351
Manual adjustment straight valve, copper and multilayer pipe connection, non-drip end	8496251
Straight lockshield valve, copper and multilayer pipe connection, non-drip end	8496751



DESCRIPTION	CHROME
Angle valve with thermostat option, copper and multilayer pipe connection, non-drip end	8496132
Thermostatic angle valve, copper and multilayer pipe connection, non-drip end	8496332
Manual adjustment angle valve, copper and multilayer pipe connection, non-drip end	8496232
Angle lockshield valve, copper and multilayer pipe connection, non-drip end	8496732
Straight valve with thermostat option, copper and multilayer pipe connection, non-drip end	8496152
Thermostatic straight valve, copper and multilayer pipe connection, non-drip end	8496352
Manual adjustment straight valve, copper and multilayer pipe connection, non-drip end	8496252
Straight lockshield valve, copper and multilayer pipe connection, non-drip end	8496752



Fondital - Inspiring Design

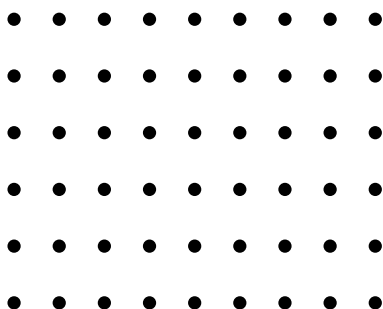
MINIMAL series valve 1/2" connection

Valves supplied without fitting

DESCRIPTION	WHITE
Angle valve with thermostat option, interchangeable copper and multilayer pipe connection, non-drip end	8493851
Thermostatic angle valve, interchangeable copper and multilayer pipe connection, non-drip end	8493651
Angle lockshield valve, copper/PE/multilayer pipe connection	8493631
Angle valve with thermostat option, iron pipe connection, non-drip end	8493751
Thermostatic angle valve, iron pipe connection, non-drip end	8493551
Angle lockshield valve, iron pipe connection	8493531



DESCRIPTION	CHROME
Angle valve with thermostat option, interchangeable copper and multilayer pipe connection, non-drip end	8493852
Thermostatic angle valve, interchangeable copper and multilayer pipe connection, non-drip end	8493652
Angle lockshield valve, copper/PE/multilayer pipe connection	8493632
Angle valve with thermostat option, iron pipe connection, non-drip end	8493752
Thermostatic angle valve, iron pipe connection, non-drip end	8493552
Angle lockshield valve, iron pipe connection	8493532



Fittings for copper pipe

ALFA, BETA and MINIMAL fittings for copper pipes

PIPE SIZE	CHROME	GOLD
10 mm	849381210	849381310
12 mm	849381212	849381312
14 mm	849381214	849381314
15 mm	849381215	849381315
16 mm	849381216	849381316
18 mm	849381218	849381318



GAMMA and TONDERA fittings for copper pipes

PIPE SIZE	CHROME
10 mm	849481210
12 mm	849481212
14 mm	849481214
15 mm	849481215
16 mm	849481216
18 mm	849481218



LIBERTY fittings for copper pipes

PIPE SIZE	BRONZE	GOLD*
10 mm	849381510	849381310
12 mm	849381512	849381312
14 mm	849381514	849381314
15 mm	849381515	849381315
16 mm	849381516	849381316
18 mm	849381518	849381318



*Combinable with white, RAL 1036 and cast iron valves and lockshield valves

Fondital - Inspiring Design

OLD STYLE fittings for copper pipes

PIPE SIZE	CHROME*	BRONZE
10 mm	849481210	849481510
12 mm	849481212	849481512
14 mm	849481214	849481514
15 mm	849481215	849481515
16 mm	849481216	849481516
18 mm	849481218	849481518



*Combinable with chrome and white valves and lockshield valves

Fittings for multilayer pipes

ALFA and BETA fittings for multilayer pipes

PIPE SIZE	CONNECTION	CHROME	GOLD
9.5/10-14	24 - 19	849383210	849383310
11.5/12-16	24 - 19	8493832115	8493833115



GAMMA and TONDERA fittings for multilayer pipes

PIPE SIZE	CONNECTION	CHROME
7.5/8-12	24 - 19	84948320812
9.5/10-14	24 - 19	849483210
9.5/10-15	24 - 19	84948321015
10.5/11-15	24 - 19	84948321115
10.5/11-16	24 - 19	84948321116
11.5/12-16	24 - 19	8494832115
11.5/12-17	24 - 19	84948321217
12.5/13-17	24 - 19	84948321317
12.5/13-18	24 - 19	84948321318
13.5/14-18	24 - 19	84948321418
14.5/15-20	24 - 19	84948321520
15/15.5-20	24 - 19	849483215520
15.5/16-20	24 - 19	84948321620



LIBERTY fittings for multilayer pipes

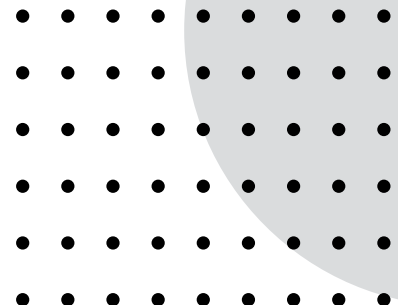
PIPE SIZE	CONNECTION	GOLD*	BRONZE
7.5/8-12	24 - 19	84938330812	84938350812
9.5/10-14	24 - 19	849383310	84938351014
9.5/10-15	24 - 19	84938331015	84938351015
10.5/11-15	24 - 19	84938331115	84938351115
10.5/11-16	24 - 19	84938331116	84938351116
11.5/12-16	24 - 19	8493833115	84938351216
11.5/12-17	24 - 19	84938331217	84938351217
12.5/13-17	24 - 19	84938331317	84938351317
12.5/13-18	24 - 19	84938331318	84938351318
13.5/14-18	24 - 19	84938331418	84938351418
14.5/15-20	24 - 19	84938331520	84938351520
15/15.5-20	24 - 19	849383315520	849383515520
15.5/16-20	24 - 19	84938331620	84938351620



*Combinable with white, RAL 1036 and cast iron valves and lockshield valves

MINIMAL fittings for multilayer pipes

PIPE SIZE	CONNECTION	CHROME
7.5/8-12	24 - 19	84938320812
9.5/10-14	24 - 19	849383210
9.5/10-15	24 - 19	84938321015
10.5/11-15	24 - 19	84938321115
10.5/11-16	24 - 19	84938321116
11.5/12-16	24 - 19	8493832115
11.5/12-17	24 - 19	84938321217
12.5/13-17	24 - 19	84938321317
12.5/13-18	24 - 19	84938321318
13.5/14-18	24 - 19	84938321418
14.5/15-20	24 - 19	84938321520
15/15.5-20	24 - 19	849383215520
15.5/16-20	24 - 19	84938321620



OLD STYLE fittings for multilayer pipes

PIPE SIZE	CONNECTION	BRONZE	CHROME
7.5/8-12	24 - 19	84948350812	84948320812
9.5/10-14	24 - 19	84948351014	849483210
9.5/10-15	24 - 19	84948351015	84948321015
10.5/11-15	24 - 19	84948351115	84948321115
10.5/11-16	24 - 19	84948351116	84948321116
11.5/12-16	24 - 19	84948351216	8494832115
11.5/12-17	24 - 19	84948351217	84948321217
12.5/13-17	24 - 19	84948351317	84948321317
12.5/13-18	24 - 19	84948351318	84948321318
13.5/14-18	24 - 19	84948351418	84948321418
14.5/15-20	24 - 19	84948351520	84948321520
15/15.5-20	24 - 19	849483515520	849483215520
15.5/16-20	24 - 19	84948351620	84948321620



Fittings for polyethylene pipes

ALFA and BETA fittings for polyethylene pipes

PIPE SIZE	CHROME	GOLD
12 - 16	849382212	849382312
13 - 18	849382213	849382313
14 - 18	849382214	849382314



GAMMA fittings for polyethylene pipes

PIPE SIZE	CHROME
12 - 16	849482212
13 - 18	849482213
14 - 18	849482214



Thermostatic head

Thermostatic head for BETA, GAMMA, TONDERA and MINIMAL valves

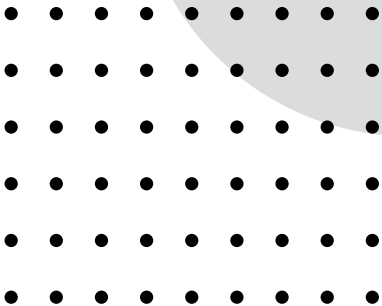
DESCRIPTION	WHITE CHROME
Thermostatic head for valves with liquid sensor	8480931






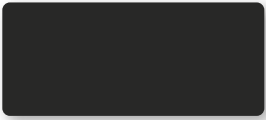
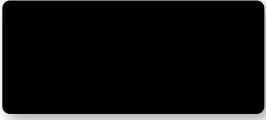
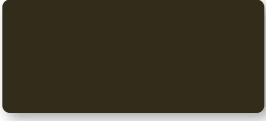
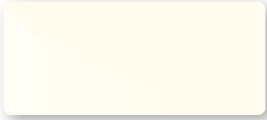
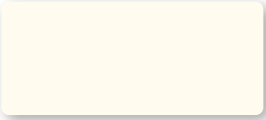
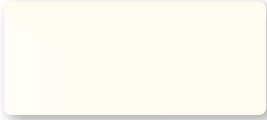
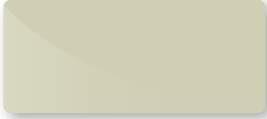
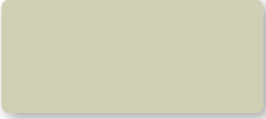




06

Colour palette

A wide range of colours and finishes to meet all design and furnishing needs. Colours are available with **Gloss, Matt, Textured Matt and Pearl** finish.



Colour palette

	GLOSS	MATT	TEXTURED MATT	PEARL
WHITE	 Cod:04			 Cod:4M
CORVINO	 Cod:2L		 Cod:3L	
METROPOLITAN			 Cod:3T	
BLACK COFFEE			 Cod:3V	
PEARL	 Cod:2N	 Cod:5N		 Cod:4N
ORGANZA	 Cod:2D	 Cod:5D		
TURTLE		 Cod:5P	 Cod:3P	
COPPER	 Cod:2C		 Cod:3C	

Colour palette

GLOSS

MATT

TEXTURED MATT

PEARL

TERRA
BRUCIATA



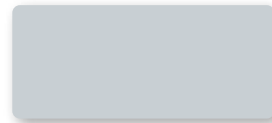
Cod:2S

SILVER



Cod:2F

GRAFITE



Cod:3F

ARDESIA



Cod:2B



Cod:3R

RUBINO

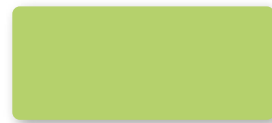


Cod:2A



Cod:3B

HELOISE

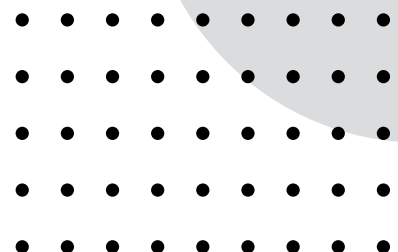


Cod:3H

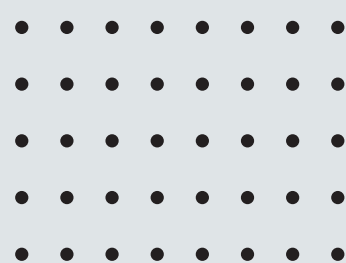
TURQUOISE
BEACH



Cod:2I



AZIENDA CON SISTEMA
DI GESTIONE QUALITÀ
CERTIFICATO DA DNV GL
= ISO 9001 =



The manufacturer reserves the right to implement modifications without notice.

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