fondital

Cool Aleternum®



CLASSIC: SILVER



SPECIAL: THE FONDITAL RED

- **Low thermal inertia**
- **Low water content**
- **Aleternum patent**
- **Available in 18 colors**
- **Double painting: anaphoresis + epoxy powders**
- **Corrosion resistance**

CE 14

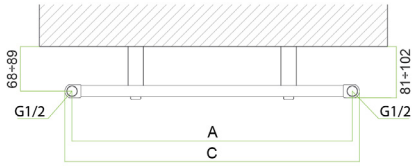
WARRANTY 12 YEARS WARRANTY

100% ALUMINIUM

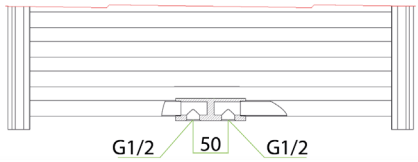
Centre-to-centre distances (mm)	400 - 450 - 500 -550 - 600
Heights (mm)	858 - 1152 - 1488 - 1740
Colours	see colours table
Maximum working pressure	16 bar
Test pressure	24 bar
Included in the package	Installation kit
Aleternum treatment	Supplied as standard

This product is suitable for use with radiant heating systems. The patented Aleternum treatment reduces the build-up of residues, impurities and sludge. It keeps the system water clean at all times.

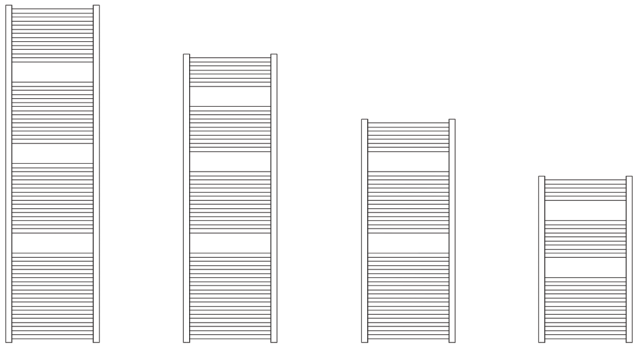
All models **Cool** are guaranteed **12 years** from installation date on manufacturing faults, provided that the installation has been performed in compliance with the current norms and respecting the instructions relating to the installation, the correct use and the correct maintenance as illustrated on this catalogue.



LATERAL CONNECTION



CENTRAL CONNECTION



35 PIPES **Model 1740**

29 PIPES **Model 1490**

23 PIPES **Model 1160**

16 PIPES **Model 860**

Model	Height	Heat output					
		ΔT 20	ΔT 30	ΔT 40	ΔT 50	ΔT 60	ΔT 70
	mm	W	W	W	W	W	W
860/400	858	116	188	266	348	433	521
860/450	858	118	196	280	370	464	562
860/500	858	127	211	302	399	501	607
860/550	858	136	226	324	428	537	651
860/600	858	145	241	346	457	574	696
1160/400	1152	152	248	350	458	571	687
1160/450	1152	160	265	380	502	630	763
1160/500	1152	173	288	412	544	684	829
1160/550	1152	187	310	444	587	737	894
1160/600	1152	200	333	477	630	791	959

Model	Height	Heat output					
		ΔT 20	ΔT 30	ΔT 40	ΔT 50	ΔT 60	ΔT 70
	mm	W	W	W	W	W	W
1490/400	1488	197	322	455	595	741	892
1490/450	1488	209	347	497	658	826	1002
1490/500	1488	228	378	542	717	900	1092
1490/550	1488	247	410	587	776	975	1182
1490/600	1488	266	441	632	835	1049	1271
1740/400	1740	231	379	539	707	883	1065
1740/450	1740	250	413	590	778	976	1181
1740/500	1740	273	451	645	850	1066	1291
1740/550	1740	296	489	699	922	1156	1400
1740/600	1740	319	527	754	994	1247	1509

Model	Height	Depth	Centre distance	Length	Water capacity	Exponent	Coefficient
	mm	mm	mm	mm	litres	n	Km
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	1152	26	400	428	3,4	1,2029	4,1431
1160/450	1152	26	450	478	3,8	1,2479	3,8033
1160/500	1152	26	500	528	4,1	1,2487	4,1156
1160/550	1152	26	550	578	4,5	1,2495	4,4259
1160/600	1152	26	600	628	4,9	1,2502	4,7339
1490/400	1488	26	400	428	4,4	1,2045	5,3470
1490/450	1488	26	450	478	4,8	1,2520	4,9057
1490/500	1488	26	500	528	5,2	1,2509	5,3720
1490/550	1488	26	550	578	5,7	1,2497	5,8423
1490/600	1488	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

TONDERA series for central connection

Item	Description	Code
	Thermostatic valve and lockshield assembly 50 mm square, interchangeable connection for copper and multilayer pipe, anti-drip tang (thermostatic head code 8480931 to be purchased separately). RIGHT - Colour Pure White RAL 9010	8496811
	Thermostatic valve and lockshield assembly 50 mm square, interchangeable connection for copper and multilayer pipe, anti-drip tang (thermostatic head code 8480931 to be purchased separately). RIGHT - Chromed Colour	8496812
	Thermostatic valve and lockshield assembly 50 mm square, interchangeable connection for copper and multilayer pipe, anti-drip tang (supplied with manual head, it is possible to add a thermostatic head, code 8480931). RIGHT - Colour Pure White RAL 9010	8496841
	Thermostatic valve and lockshield assembly 50 mm square, interchangeable connection for copper and multilayer pipe, anti-drip tang (supplied with manual head, it is possible to add a thermostatic head, code 8480931). RIGHT - Chromed Colour	8496842

Valves viewed from the back (wall side).

CODE OBTAINING EXAMPLE

Cool radiator 860/400, PURE WHITE RAL 9010 colour
Ex: **EA42E0 04**

Cool radiator 1160/500, GRAPHITE colour
Ex: **EA52G0 3R**

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

Model	Side connection version		Central connection version	
	PURE WHITE RAL 9010	Colours	PURE 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*

Model	Side connection version		Central connection version	
	PURE WHITE RAL 9010	Colours	PURE WHITE RAL 9010	Colours
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*

COLOURS

See table on the following page

Item		Description	Code
	A 77	Installation kit for Cool 3 points lateral connection with bleed valve and 1 plug - Colour: White (supplied as standard with Pure White RAL 9010 radiators colour code 04)	550124
	-	Installation kit for Cool 3 points lateral connection with bleed valve and 1 plug - Colour: Neutral White (supplied as standard with the coloured radiators Neutral White colour code 06)	55012406
		Installation kit for Cool 3 points lateral connection with bleed valve and 1 plug - Colour: Silver (supplied as standard with the coloured radiators Silver colour code 07)	55012407
		Installation kit for Cool 3 points lateral connection with bleed valve and 1 plug - Colour: Bronze (supplied as standard with the coloured radiators Bronze colour code 08)	55012408
		Installation kit for Cool 3 points lateral connection with bleed valve and 1 plug - Colour: Graphite (supplied as standard with the coloured radiators Graphite colour code 3R)	5501243R
		Installation kit for Cool 3 points lateral connection with bleed valve and 1 plug - Colour: Slate Grey (supplied as standard with the coloured radiators Slate Grey colour code 3B)	5501243B
		Installation kit for Cool 3 points lateral connection with bleed valve and 1 plug - Colour: Black Coffee (supplied as standard with the coloured radiators Black Coffee colour code 3V)	5501243V
	A 78	Cool 3-point installation kit for central connection with bleed valve and 3 plugs - Colour: Chrome (supplied with the STYLE and SPECIAL ranges of coloured radiators).	550125
	A 79	Installation kit for Cool 3 points central connection with bleed valve and 3 plugs - Colour: White (supplied as standard with Pure White RAL 9010 radiators colour code 04)	550126
	-	Cool 3-point installation kit for central connection with bleed valve and 3 plugs – Colour: Neutral White (supplied with Neutral White radiators, colour code 06).	55015806
		Cool 3-point installation kit for central connection with bleed valve and 3 plugs – Colour: Silver (supplied with Silver radiators, colour code 07).	55015807
		Cool 3-point installation kit for central connection with bleed valve and 3 plugs – Colour: Bronze (supplied with Bronze radiators, colour code 08).	55015808
		Cool 3-point installation kit for central connection with bleed valve and 3 plugs – Colour: Bronze (supplied with Bronze radiators, colour code 3R).	5501583R
		Cool 3-point installation kit for central connection with bleed valve and 3 plugs – Colour: Slate Grey (supplied with Slate Grey radiators, colour code 3B).	5501583B
		Cool 3-point installation kit for central connection with bleed valve and 3 plugs – Colour: Black Coffee (supplied with Black Coffee radiators, colour code 3V).	5501583V
	A 89	Cool 3-point installation kit for central connection with bleed valve and 3 plugs – Colour: Chrome (supplied with the STYLE and SPECIAL ranges of coloured radiators)	550127
	-	White towel hanger for Cool - n° 2	570135
	-	Chrome towel hanger for Cool - n° 2	570135C
	-	Towel rail Cool 450/500/550 - Colour: White	570133
	-	Towel rail COOL 600 - Colour: White	570134
	-	Towel rail Cool 450/500/550 - Colour: Chrome	570133C
	-	Towel rail COOL 600 - Colour: Chrome	570134C

CLASSIC



PURE WHITE RAL 9010
Cod.04

NEUTRAL WHITE
Cod.06

SILVER
Cod.07

GRAPHITE
Cod.3R

SLATE GREY
Cod.3B

BLACK COFFEE
Cod.3V

BRONZE
Cod.08

STYLE



LIGHT SHELL
Cod.09

LIGHT GREY
Cod.10

MIDNIGHT GREEN
Cod.12

MIDNIGHT BLUE
Cod.11

BLACK RAVEN
Cod.3L

CHOCOLATE
Cod.13

CINNAMON
Cod.14

FOREST GREEN
Cod.16

DUSTY ROSE
Cod.15

SPECIAL



THE FONDITAL RED
Cod.2A

HAMMERED BLACK
Cod.17

The colours shown are merely indicative and not binding, as they may slightly differ, due to the printing process.

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