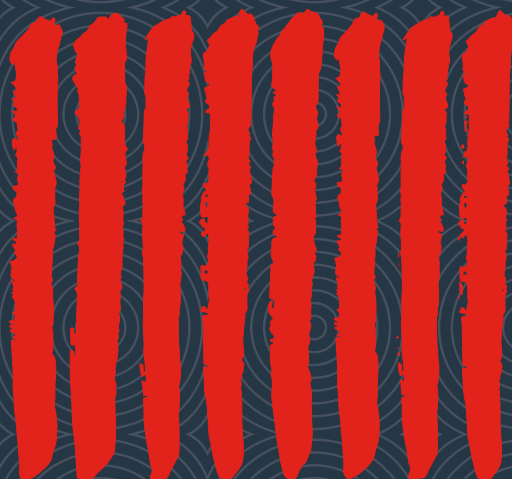




RADIATORS
ITALIAN PREMIUM HEATING

INT
Catalogue

*Multicolonna
2017*



Index

Production plants

Moimacco

Strada Statale 54, 21
33040 Moimacco
Udine - Italy

Fossalta di Piave

Via delle Industrie, 2
30020 Fossalta di Piave
Venice - Italy



DL Radiators is a company of the **De Longhi Industrial group** known worldwide as a leading Italian manufacturer of **heating** and **home comfort** products. Passionate high-level **professionalism, investments, organisational skills, advanced technologies, full Italian creativity** and a focus on market expectations are all constituent elements of DL Radiators' thirty-year experience for the manufacturing of **leading edge products**.

Faithful to its mission of favouring innovation, DL Radiators offers **radiators** that combine **functionality** and **accurate finishes**. Our focus is put on the technical details and materials we use, we address refined consumers as well as picky and challenging architects and installers.

Quality radiators

Quality in all products is DL Radiators' key founding value. All customers are offered superior energy efficiency, practicality of connection to existing systems, reliability and ultimate design in all products.

Made in Italy

Durability, little maintenance, efficiency and beauty, these promises are all kept by DL Radiators in all of its products. In order to ensure this is attained, the company has chosen to make the **radiators** in Italy, caring for the most invisible of details such as finishings or welds.

Premium materials

DL Radiators uses only top-quality steel from certified suppliers. Each coil undergoes strict checks to guarantee the technical and style perfection of the **radiator**.

Protecting the environment

A sound production cycle and pioneering products that aim at saving energy and obtaining the ultimate efficiency, DL Radiators protects the environment, making this one of its cornerstone values.

The range

A **wide range** of items is offered in various sizes, colours, heat sources and shapes. Products include hydronic, electric and combined radiators with no limits as to customers' or professionals' choices.



MULTICOLONNA

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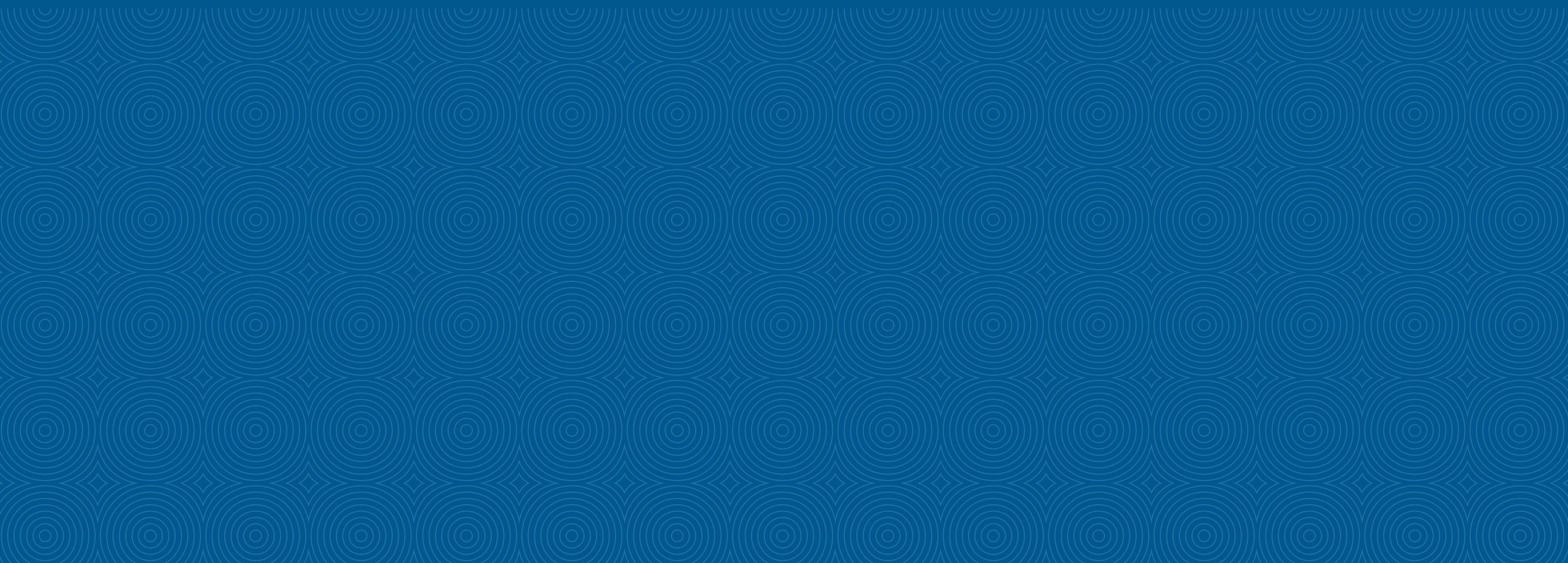
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Hydronic





Multicolonna

2—3—4—5—6 COLUMNS



Guaranteed for 10 years

The moulding, welding, assembly and final control of Multicolonna radiators have reached such a high level of quality and precision that DL Radiators guarantee Multicolonna line products for 10 years.

Quality and performance

The quality of Multicolonna is obvious whichever way you look at it. The glossy finish of the three-phase painting and soft rounded lines of the elements make it so attractive it becomes a genuine interior design accessory wherever it is installed. The precise laser welding of the shells produces heads perfectly smooth outside and clean inside. This important characteristic, together with precise junctions between heads and tubes, enables elements to be produced completely free from shape defects and internal residues. The constituent elements of Multicolonna are made from a particular type of high quality sheet metal designed for deep moulding. The metal used is 1.25 mm thick for the heads and 1.2 mm thick for the 25 mm diameter tubes. The end of production quality controls are stringent and rigorous to guarantee a product with a unique appearance and impeccable construction. In-depth study of thermodynamic flows has optimised the conduction, radiation and convection processes generated by the product, making it a reference point among tubular radiators, the best possible compromise between heat output and design.

Multicolonna range

A particular feature of the Multicolonna range is its high design flexibility, allowing it to be adapted to any space or type of application, making it a genuine interior design accessory able to enhance any room where it is installed. It is available in 2, 3, 4, 5 and 6 column versions with heights of from 300 to 3000 mm. The range includes the standard four connection version, Multicolonna with valve, Multicolonna Clinic for installation in environments where cleanliness is particularly important, Multicolonna with special tappings centre (cast iron, aluminium and bar) to replace old radiators and finally special curved or corner Multicolonna versions for shapes to satisfy the needs of those furnishing the rooms. A single battery of elements can be as much as 168 cm long. For installations exceeding the maximum number of elements available, Multicolonna can be supplied in blocks to be nipped on site.

Welding process

The shells forming the heads of the elements are moulded on machines able to obtain finely defined shapes with precise junction edges and tolerance margins tending towards zero. Only moulding with this level of precision allows subsequent laser welding of the shells, a special technology DL Radiators can offer. Capacitor discharge welding is used to join the heads and tubes to make the basic element in the battery. The two phases of the advanced welding process without the addition of material ensure that products comply with the cleanliness, safety and appearance criteria

Painting

The Multicolonna line has a top quality painted finish created using an industrial process from the automotive sector giving each element a glossy long-lasting colour. Multicolonna radiators are painted using a three-phase system:

- Hot degreasing and basic phosphatisation
- Electrophoretic dip coating to apply the base colour evenly in the innermost and outermost parts of the radiator, followed by baking at 185 °C
- Epoxy powder coating and baking at 170 °C to give the Multicolonna a bright glossy finish

The colour is DL Radiators characteristic RAL9016 white.



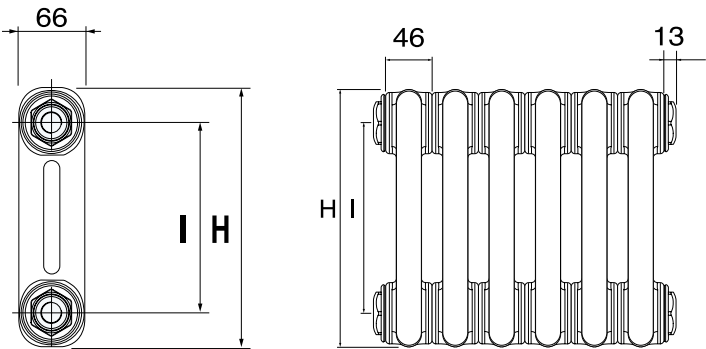
Height H (mm)	Code *	Tappings center I (mm)	Empty weight Kg	Water content L	Max n. of elements as single block	Output Δt 50 °C W	Output Δt 40°C W	Output Δt 30°C W	Output Δt 20°C W	Exp. n
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white or coloured

300	00f020300xyAAC0	230	0,5	0,4	60	24,3	18,4	12,9	7,6	1,244
400	00f020400xyAAC0	330	0,6	0,5	60	31,1	23,5	16,4	9,6	1,249
500	00f020500xyAAC0	430	0,8	0,6	60	38,0	28,7	20,0	11,7	1,255
600	00f020600xyAAC0	530	0,9	0,7	60	44,8	33,8	23,5	13,7	1,261
750	00f020750xyAAC0	680	1,1	0,8	60	55,0	41,4	28,7	16,7	1,270
800	00f020800xyAAC0	730	1,2	0,8	60	58,4	43,9	30,5	17,7	1,273
900	00f020900xyAAC0	830	1,4	0,9	60	65,1	48,9	33,9	19,6	1,279
1000	00f021000xyAAC0	930	1,5	1,0	60	72,1	54,1	37,4	21,6	1,285
1200	00f021200xyAAC0	1.130	1,8	1,1	30	85,6	64,1	44,2	25,4	1,294
1500	00f021500xyAAC0	1.430	2,2	1,4	30	106,4	79,5	54,6	31,2	1,307
1800	00f021800xyAAC0	1.730	2,6	1,6	30	127,7	95,1	65,0	37,0	1,321
2000	00f022000xyAAC0	1.930	2,9	1,7	30	142,3	106,0	72,5	41,3	1,320
2200	00f022200xyAAC0	2.130	3,2	1,9	30	157,2	117,1	80,1	45,6	1,320
2500	00f022500xyAAC0	2.430	3,6	2,1	20	180,1	134,2	91,8	52,3	1,319
2800	00f022800xyAAC0	2.730	4,0	2,3	20	203,9	151,9	104,0	59,2	1,318
3000	00f023000xyAAC0	2.930	4,3	2,4	20	217,9	162,4	111,1	63,3	1,318

* The following must be defined to compile the code correctly: colour (f), number of elements (xy), connections (AA) and configuration (C); for precise details see the Multicolonna Code page and following pages.

Data per element. Available Lenghts for each Height and power output are in the table on the following pages.



Features

Connections

The standard configuration has 4 connections 1/2" on radiator's sides, and a pre-mounted 1/2" blind cap. For other possible connections see on page "Connections". Removing side connections (plug reductions) damages the radiator.

Brackets

Brackets are to be ordered separately. Brackets are not included in Multicolonna packaging.

Safety

- Max. working pressure 10 bar
- Testing pressure 13 bar
- Max. working temperature 110 °C

Possible lengths and nipping

Multicolonna radiators can be ordered with a maximum number of 20-60 elements according to the height (see the height/length table on the next page). Radiators with a larger number of elements are assembled directly on site by nipping batteries with fewer elements; nipples, gasket and standard connections can be included on request (see connections pages).

Certification and compliance marks

Multicolonna radiators have the CE European compliance mark and respect the specifications of the French NF (www.certita.fr). All heat outputs are measured and certified according to the European EN 442 standard.

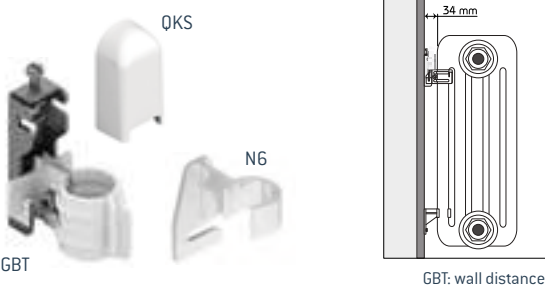
Packaging

Every DL Radiators radiator is packaged individually in special polystyrene packaging covered with a sheet of plastic heat shrink film. The packaging may be used on site until the entire installation has been inspected and tested. At the end of work, it can be totally eliminated. The instruction sheet contained in the packaging gives important information on installation, connection and precautions for use.

Optional

Special brackets for Multicolonna 2

(other brackets on page Accessories)



Brackets GBT, N6 and QKS included cod. 550Q040000 (2 GBT, 2 N6, 2 QKS)	white
cod. 550Q061000 (2 GBT, 2 N6, 2 QKS)	coloured
cod. 550Q030000 (3 GBT, 2 N6, 3 QKS)	white
cod. 550Q071000 (3 GBT, 2 N6, 3 QKS)	coloured

R12V

N5

Brackets R12V
cod. 550Q001600 (2 pcs)

white

Wall spacer N5
cod. 550Q000900 (1 pcs)

white

Floor brackets PGT60, cover included
cod. 550Q003600 (2 pcs)

white

x = 50-80 mm with R12V

PGT60
H from the floor
120-175 mm

3 columns

Width 107 mm



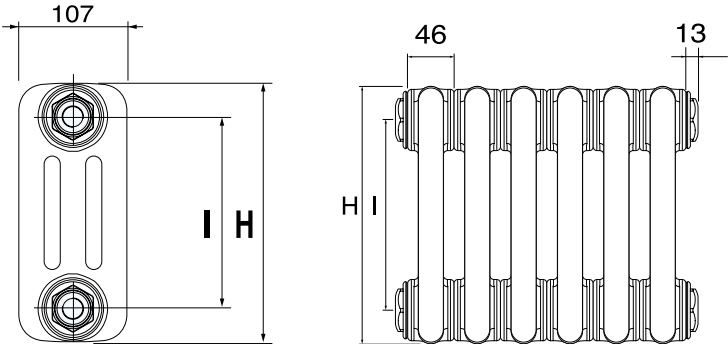
Height H (mm)	Code *	Tappings center I (mm)	Empty weight Kg	Water content L	Max n. of elements as single block	Output Δt 50 °C W	Output Δt 40°C W	Output Δt 30°C W	Output Δt 20°C W	Exp. n
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white or coloured

300	00f030300xyAAC0	230	0,5	0,6	60	33,1	25,0	17,5	10,3	1,249
400	00f030400xyAAC0	330	0,8	0,7	60	42,3	32,0	22,3	13,1	1,254
500	00f030500xyAAC0	430	1,0	0,8	60	51,6	39,0	27,1	15,9	1,258
600	00f030600xyAAC0	530	1,3	1,0	60	60,8	45,9	31,9	18,6	1,263
750	00f030750xyAAC0	680	1,4	1,1	55	74,5	56,1	38,9	22,6	1,270
800	00f030800xyAAC0	730	1,8	1,2	55	79,1	59,5	41,3	24,0	1,272
900	00f030900xyAAC0	830	1,7	1,3	55	88,2	66,3	45,9	26,6	1,277
1000	00f031000xyAAC0	930	2,1	1,4	55	97,4	73,2	50,6	29,3	1,281
1200	00f031200xyAAC0	1.130	2,5	1,6	30	116,0	87,0	60,0	34,6	1,290
1500	00f031500xyAAC0	1.430	2,7	2,0	30	144,4	108,0	74,3	42,6	1,302
1800	00f031800xyAAC0	1.730	3,3	2,3	30	173,6	129,5	88,7	50,6	1,315
2000	00f032000xyAAC0	1.930	4,0	2,6	30	193,7	144,5	99,0	56,5	1,313
2200	00f032200xyAAC0	2.130	4,4	2,8	30	214,2	159,9	109,6	62,7	1,311
2500	00f032500xyAAC0	2.430	4,8	3,2	20	246,0	183,7	126,1	72,2	1,308
2800	00f032800xyAAC0	2.730	5,3	3,6	20	279,0	208,5	143,2	82,1	1,305
3000	00f033000xyAAC0	2.930	6,0	3,8	20	301,8	225,7	155,1	88,9	1,303

* The following must be defined to compile the code correctly: colour {f}, number of elements {xy}, connections {AA} and configuration {C}; for precise details see the Multicolonna Code page and following pages.

Data per element. Available Lenghts for each Height and power output are in the table on the following pages.



Connections

The standard configuration has 4 connections 1/2" on radiator's sides, and a pre-mounted 1/2" blind cap. For other possible connections see on page "Connections". Removing side connections (plug reductions) damages the radiator.

Brackets

Brackets are to be ordered separately. Brackets are not included in Multicolonna packaging.

Safety

- Max. working pressure 10 bar
- Testing pressure 13 bar
- Max. working temperature 110 °C

Possible lengths and nipping

Multicolonna radiators can be ordered with a maximum number of 20-60 elements according to the height (see the height/length table on the next page). Radiators with a larger number of elements are assembled directly on site by nipping batteries with fewer elements; nipples, gasket and standard connections can be included on request (see connections pages).

Certification and compliance marks

Multicolonna radiators have the CE European compliance mark and respect the specifications of the French NF (www.certita.fr). All heat outputs are measured and certified according to the European EN 442 standard.

Packaging

Every DL Radiators radiator is packaged individually in special polystyrene packaging covered with a sheet of plastic heat shrink film. The packaging may be used on site until the entire installation has been inspected and tested. At the end of work, it can be totally eliminated. The instruction sheet contained in the packaging gives important information on installation, connection and precautions for use.



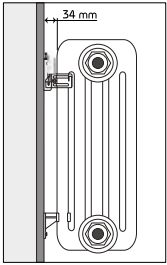
3
COLUMNS

Features

Optional

Special brackets for Multicolonna 3

(other brackets on page Accessories)

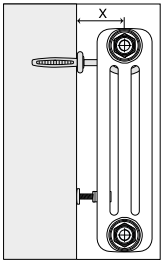


GBT: wall distance

Brackets GBT, N6 and QKS included cod. 550Q040000 (2 GBT, 2 N6, 2 QKS)	white
cod. 550Q061000 (2 GBT, 2 N6, 2 QKS)	coloured
cod. 550Q030000 (3 GBT, 2 N6, 3 QKS)	white
cod. 550Q071000 (3 GBT, 2 N6, 3 QKS)	coloured



Brackets R12V cod. 550Q001700 (2 pcs)	white
Wall spacer N5 cod. 550Q000900 (1 pcs)	white



x = 80-110 mm with R12V



Floor brackets PGT60, cover included cod. 550Q003600 (2 pcs)	white
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PGT60
H from the floor
120-175 mm

4 columns



Width 148 mm

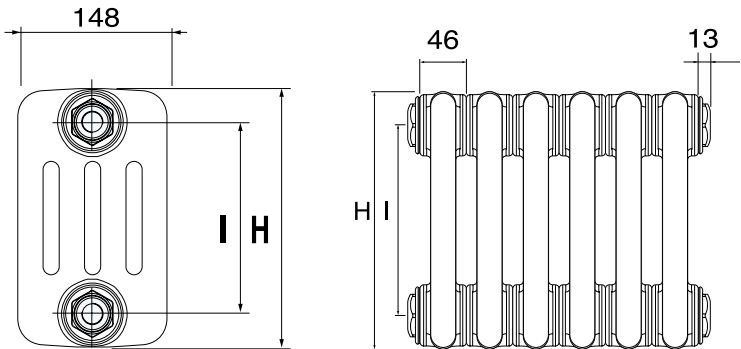
Height	Code *	Tappings center	Empty weight	Water content	Max n. of elements as single block	Output Δt 50 °C	Output Δt 40°C	Output Δt 30°C	Output Δt 20°C	Exp.
H (mm)		I (mm)	Kg	L		W	W	W	W	n

white or coloured

300	00f040300xyAAC0	230	0,9	0,8	60	42,3	32,0	22,3	13,1	1,252
400	00f040400xyAAC0	330	1,2	0,9	60	55,5	41,9	29,2	17,1	1,257
500	00f040500xyAAC0	430	1,5	1,1	60	68,3	51,5	35,8	20,9	1,263
600	00f040600xyAAC0	530	1,8	1,2	60	81,1	61,1	42,4	24,7	1,268
750	00f040750xyAAC0	680	2,2	1,5	50	100,0	75,2	52,1	30,2	1,276
800	00f040800xyAAC0	730	2,4	1,6	50	106,3	79,9	55,3	32,1	1,279
900	00f040900xyAAC0	830	2,6	1,7	50	118,9	89,3	61,7	35,7	1,284
1000	00f041000xyAAC0	930	2,9	1,9	50	131,5	98,6	68,0	39,2	1,290
1200	00f041200xyAAC0	1.130	3,5	2,2	30	156,6	117,2	80,7	46,4	1,297
1500	00f041500xyAAC0	1.430	4,4	2,7	30	194,3	145,1	99,6	57,0	1,308
1800	00f041800xyAAC0	1.730	5,3	3,1	30	232,3	173,1	118,5	67,5	1,318
2000	00f042000xyAAC0	1.930	5,8	3,4	30	257,8	192,2	131,7	75,1	1,315
2200	00f042200xyAAC0	2.130	6,3	3,8	30	283,5	211,6	145,1	82,9	1,311
2500	00f042500xyAAC0	2.430	7,1	4,2	20	322,3	240,9	165,5	94,8	1,305
2800	00f042800xyAAC0	2.730	7,8	4,7	20	361,6	270,6	186,2	107,0	1,299
3000	00f043000xyAAC0	2.930	8,4	5,0	20	388,1	290,7	200,3	115,2	1,295

* The following must be defined to compile the code correctly: colour (f), number of elements (xy), connections (AA) and configuration (C); for precise details see the Multicolonna Code page and following pages.

Data per element. Available Lenghts for each Height and power output are in the table on the following pages.



Connections

The standard configuration has 4 connections 1/2" on radiator's sides, and a pre-mounted 1/2" blind cap. For other possible connections see on page "Connections". Removing side connections (plug reductions) damages the radiator.

Brackets

Brackets are to be ordered separately. Brackets are not included in Multicolonna packaging.

Safety

- Max. working pressure 10 bar
- Testing pressure 13 bar
- Max. working temperature 110 °C

Possible lengths and nipping

Multicolonna radiators can be ordered with a maximum number of 20-60 elements according to the height (see the height/length table on the next page). Radiators with a larger number of elements are assembled directly on site by nipping batteries with fewer elements; nipples, gasket and standard connections can be included on request (see connections pages).

Certification and compliance marks

Multicolonna radiators have the CE European compliance mark and respect the specifications of the French NF (www.certita.fr). All heat outputs are measured and certified according to the European EN 442 standard.

Packaging

Every DL Radiators radiator is packaged individually in special polystyrene packaging covered with a sheet of plastic heat shrink film. The packaging may be used on site until the entire installation has been inspected and tested. At the end of work, it can be totally eliminated. The instruction sheet contained in the packaging gives important information on installation, connection and precautions for use.



4

COLUMNS

Features

Optional

Special brackets for Multicolonna 4

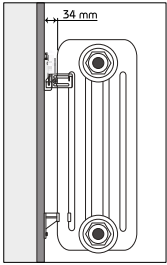
(other brackets on page Accessories)



GBT

N6

QKS



GBT: wall distance

Brackets GBT, N6 and QKS included

cod. 550Q040000 [2 GBT, 2 N6, 2 QKS]	white
cod. 550Q061000 [2 GBT, 2 N6, 2 QKS]	coloured
cod. 550Q030000 [3 GBT, 2 N6, 3 QKS]	white
cod. 550Q071000 [3 GBT, 2 N6, 3 QKS]	coloured

R12V



Brackets R12V
cod. 550Q001700 [2 pcs]

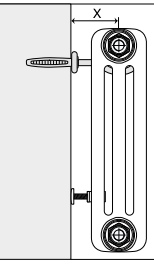
white

N5



Wall spacer N5
cod. 550Q000900 [1 pcs]

white



x = 80-110 mm with R12V



Floor brackets PGT60, cover included
cod. 550Q003600 [2 pcs]

white

PGT60
H from the floor
120-175 mm

5 columns

Width 189 mm



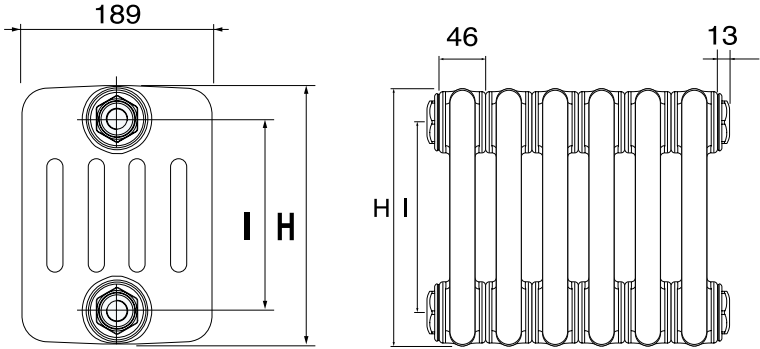
Height H (mm)	Code *	Tappings center I (mm)	Empty weight Kg	Water content L	Max n. of elements as single block	Output Δt 50 °C W	Output Δt 40°C W	Output Δt 30°C W	Output Δt 20°C W	Exp. n
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white or coloured

300	00f050300xyAAC0	230	1,2	1,0	55	51,9	39,2	27,4	16,0	1,253
400	00f050400xyAAC0	330	1,6	1,2	55	67,2	50,7	35,3	20,6	1,261
500	00f050500xyAAC0	430	1,9	1,4	55	82,2	61,9	43,0	25,0	1,270
600	00f050600xyAAC0	530	2,3	1,6	55	97,0	72,9	50,5	29,3	1,278
750	00f050750xyAAC0	680	2,8	1,8	45	119,0	89,2	61,5	35,5	1,291
800	00f050800xyAAC0	730	3,1	1,9	45	126,3	94,6	65,2	37,5	1,295
900	00f050900xyAAC0	830	3,3	2,1	45	140,8	105,3	72,4	41,5	1,303
1000	00f051000xyAAC0	930	3,7	2,3	45	155,4	116,0	79,5	45,4	1,312
1200	00f051200xyAAC0	1.130	4,4	2,7	30	184,5	137,4	94,0	53,5	1,320
1500	00f051500xyAAC0	1.430	5,5	3,3	25	228,4	169,7	115,7	65,5	1,332
1800	00f051800xyAAC0	1.730	6,5	3,9	25	272,9	202,1	137,3	77,3	1,345
2000	00f052000xyAAC0	1.930	7,2	4,3	25	302,9	224,7	152,9	86,4	1,338
2200	00f052200xyAAC0	2.130	7,9	4,7	15	333,3	247,6	168,8	95,6	1,332
2500	00f052500xyAAC0	2.430	9,0	5,3	15	379,7	282,7	193,3	109,9	1,322
2800	00f052800xyAAC0	2.730	10,1	5,9	12	427,1	318,7	218,5	124,8	1,312
3000	00f053000xyAAC0	2.930	10,8	6,2	12	459,3	343,2	235,7	135,0	1,306

* The following must be defined to compile the code correctly: colour {f}, number of elements {xy}, connections {AA} and configuration {C}; for precise details see the Multicolonna Code page and following pages.

Data per element. Available Lenghts for each Height and power output are in the table on the following pages.



Connections

The standard configuration has 4 connections 1/2" on radiator's sides, and a pre-mounted 1/2" blind cap. For other possible connections see on page "Connections". Removing side connections (plug reductions) damages the radiator.

Brackets

Brackets are to be ordered separately. Brackets are not included in Multicolonna packaging.

Safety

- Max. working pressure 10 bar
- Testing pressure 13 bar
- Max. working temperature 110 °C

Possible lengths and nipping

Multicolonna radiators can be ordered with a maximum number of 12-55 elements according to the height (see the height/length table on the next page). Radiators with a larger number of elements are assembled directly on site by nipping batteries with fewer elements; nipples, gasket and standard connections can be included on request (see connections pages).

Certification and compliance marks

Multicolonna radiators have the CE European compliance mark and respect the specifications of the French NF (www.certita.fr). All heat outputs are measured and certified according to the European EN 442 standard.

Imballo

Ogni radiatore DL Radiators è imballato individualmente con un rivestimento speciale in polistirolo e avvolto da una pellicola in plastica termoretraibile. L'imballo può essere mantenuto in cantiere fino al momento del collaudo dell'intero impianto; a lavori ultimati lo si può eliminare completamente. Il foglio di istruzioni all'interno contiene informazioni importanti sull'installazione, gli attacchi e le precauzioni d'uso.



5
COLUMNS

Features

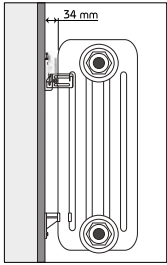
Optional

Special brackets for Multicolonna 5

(other brackets on page Accessories)



GBT



GBT: wall distance

Brackets GBT, N6 and QKS included

cod. 5500040000 (2 GBT, 2 N6, 2 QKS)	white
cod. 5500061000 (2 GBT, 2 N6, 2 QKS)	coloured
cod. 5500030000 (3 GBT, 2 N6, 3 QKS)	white
cod. 5500071000 (3 GBT, 2 N6, 3 QKS)	coloured

R12V



Brackets R12V
cod. 5500001800 (2 pcs)

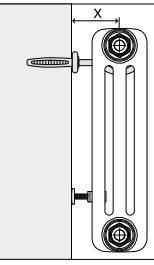
white

N5



Wall spacer N5
cod. 5500000900 (1 pcs)

white



x = 110-150 mm with R12V



Floor brackets PGT60, cover included
cod. 5500003600 (2 pcs)

white

PGT60
H from the floor
120-175 mm

6 columns

Width 230 mm

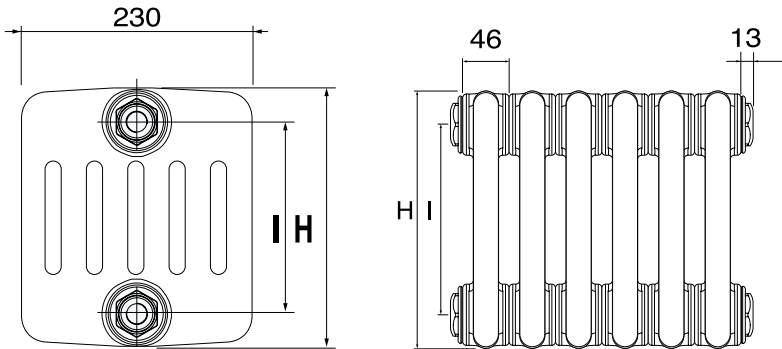
Height H (mm)	Code *	Tappings center I (mm)	Empty weight Kg	Water content L	Max n. of elements as single block	Output Δt 50 °C W	Output Δt 40°C W	Output Δt 30°C W	Output Δt 20°C W	Exp. n
------------------	--------	------------------------------	-----------------------	-----------------------	--	-------------------------	------------------------	------------------------	------------------------	-----------

white or coloured

300	00f060300xyAAC0	230	1,5	1,1	50	62,3	47,0	32,7	19,1	1,262
400	00f060400xyAAC0	330	1,9	1,3	50	81,0	61,0	42,3	24,6	1,270
500	00f060500xyAAC0	430	2,3	1,6	50	99,4	74,7	51,7	30,0	1,278
600	00f060600xyAAC0	530	2,7	1,8	50	117,5	88,2	60,9	35,1	1,287
750	00f060750xyAAC0	680	3,4	2,2	40	144,4	108,1	74,4	42,7	1,299
800	00f060800xyAAC0	730	3,8	2,3	40	153,3	114,6	78,8	45,2	1,303
900	00f060900xyAAC0	830	4,0	2,5	40	171,0	127,6	87,5	50,0	1,311
1000	00f061000xyAAC0	930	4,4	2,8	40	188,6	140,5	96,1	54,8	1,319
1200	00f061200xyAAC0	1.130	5,2	3,3	30	223,8	166,6	113,9	64,8	1,322
1500	00f061500xyAAC0	1.430	6,5	4,0	20	276,3	205,6	140,4	79,8	1,325
1800	00f061800xyAAC0	1.730	7,7	4,7	20	328,9	244,5	166,8	94,6	1,329
2000	00f062000xyAAC0	1.930	8,6	5,2	15	364,0	270,6	184,7	104,8	1,328
2200	00f062200xyAAC0	2.130	9,5	5,7	13	399,2	297,0	202,8	115,1	1,326
2500	00f062500xyAAC0	2.430	10,8	6,4	13	452,4	336,6	229,9	130,6	1,325
2800	00f062800xyAAC0	2.730	12,1	7,2	10	505,9	376,5	257,2	146,2	1,324
3000	00f063000xyAAC0	2.930	13,3	7,7	10	541,9	403,5	275,8	156,9	1,322

* The following must be defined to compile the code correctly: colour (f), number of elements (xy), connections (AA) and configuration (C); for precise details see the Multicolonna Code page and following pages.

Data per element. Available Lenghts for each Height and power output are in the table on the following pages.



Connections

The standard configuration has 4 connections 1/2" on radiator's sides, and a pre-mounted 1/2" blind cap. For other possible connections see on page "Connections". Removing side connections (plug reductions) damages the radiator.

Brackets

Brackets are to be ordered separately. Brackets are not included in Multicolonna packaging.

Safety

- Max. working pressure 10 bar
- Testing pressure 13 bar
- Max. working temperature 110 °C

Possible lengths and nipping

Multicolonna radiators can be ordered with a maximum number of 10-50 elements according to the height (see the height/length table on the next page). Radiators with a larger number of elements are assembled directly on site by nipping batteries with fewer elements; 1"¼ nipples, gaskets and standard 1/2" connections can be included on request.

Certification and compliance marks

Multicolonna radiators have the CE European compliance mark and respect the specifications of the French NF (www.certita.fr). All heat outputs are measured and certified according to the European EN 442 standard.

Packaging

Every DL Radiators radiator is packaged individually in special polystyrene packaging covered with a sheet of plastic heat shrink film. The packaging may be used on site until the entire installation has been inspected and tested. At the end of work, it can be totally eliminated. The instruction sheet contained in the packaging gives important information on installation, connection and precautions for use.



6
COLUMNS

Features

Optional

Special brackets for Multicolonna 6

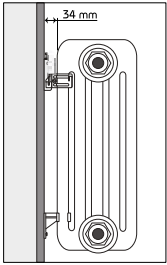
(other brackets on page Accessories)



GBT

N6

QKS



GBT: wall distance

Brackets GBT, N6 and QKS included

cod. 550Q040000 [2 GBT, 2 N6, 2 QKS]	white
cod. 550Q061000 [2 GBT, 2 N6, 2 QKS]	coloured
cod. 550Q030000 [3 GBT, 2 N6, 3 QKS]	white
cod. 550Q071000 [3 GBT, 2 N6, 3 QKS]	coloured

R12V

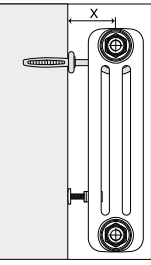


Brackets R12V
cod. 550Q001800 [2 pcs]

N5



Wall spacer N5
cod. 550Q000900 [1 pcs]



x = 110-150 mm with R12V



Floor brackets PGT60, cover included
cod. 550Q003600 [2 pcs]

PGT60
H from the floor
120-175 mm

Height 300

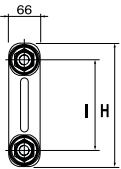
Output Δt 50°C

Columns			2	3	4	5	6
Exponent n			1,244	1,249	1,252	1,253	1,262
max. num. of elements			60	60	60	55	50
Lenght (mm)	92	W	49	66	85	104	125
Elements (n)	2						
Lenght (mm)	138	W	73	99	127	156	187
Elements (n)	3						
Lenght (mm)	184	W	97	132	169	208	249
Elements (n)	4						
Lenght (mm)	230	W	122	166	212	260	312
Elements (n)	5						
Lenght (mm)	276	W	146	199	254	311	374
Elements (n)	6						
Lenght (mm)	322	W	170	232	296	363	436
Elements (n)	7						
Lenght (mm)	368	W	194	265	338	415	498
Elements (n)	8						
Lenght (mm)	414	W	219	298	381	467	561
Elements (n)	9						
Lenght (mm)	460	W	243	331	423	519	623
Elements (n)	10						
Lenght (mm)	506	W	267	364	465	571	685
Elements (n)	11						
Lenght (mm)	552	W	292	397	508	623	748
Elements (n)	12						
Lenght (mm)	598	W	316	430	550	675	810
Elements (n)	13						
Lenght (mm)	644	W	340	463	592	727	872
Elements (n)	14						
Lenght (mm)	690	W	365	497	635	779	935
Elements (n)	15						
Lenght (mm)	736	W	389	530	677	830	997
Elements (n)	16						
Lenght (mm)	782	W	413	563	719	882	1.059
Elements (n)	17						
Lenght (mm)	828	W	437	596	761	934	1.121
Elements (n)	18						
Lenght (mm)	874	W	462	629	804	986	1.184
Elements (n)	19						
Lenght (mm)	920	W	486	662	846	1.038	1.246
Elements (n)	20						
Lenght (mm)	966	W	510	695	888	1.090	1.308
Elements (n)	21						
Lenght (mm)	1.012	W	535	728	931	1.142	1.371
Elements (n)	22						
Lenght (mm)	1.058	W	559	761	973	1.194	1.433
Elements (n)	23						
Lenght (mm)	1.104	W	583	794	1.015	1.246	1.495
Elements (n)	24						
Lenght (mm)	1.150	W	608	828	1.058	1.298	1.558
Elements (n)	25						
Lenght (mm)	1.196	W	632	861	1.100	1.349	1.620
Elements (n)	26						
Lenght (mm)	1.242	W	656	894	1.142	1.401	1.682
Elements (n)	27						
Lenght (mm)	1.288	W	680	927	1.184	1.453	1.744
Elements (n)	28						
Lenght (mm)	1.334	W	705	960	1.227	1.505	1.807
Elements (n)	29						
Lenght (mm)	1.380	W	729	993	1.269	1.557	1.869
Elements (n)	30						
Lenght (mm)	1.426	W	753	1.026	1.311	1.609	1.931
Elements (n)	31						
Lenght (mm)	1.472	W	778	1.059	1.354	1.661	1.994
Elements (n)	32						
Lenght (mm)	1.518	W	802	1.092	1.396	1.713	2.056
Elements (n)	33						
Lenght (mm)	1.564	W	826	1.125	1.438	1.765	2.118
Elements (n)	34						
Lenght (mm)	1.610	W	851	1.159	1.481	1.817	2.181
Elements (n)	35						
Length (mm)	1.656	W	875	1.192	1.523	1.868	2.243
Elements (n)	36						

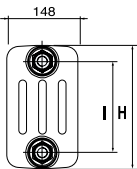
Lenght of the radiator: further 26 mm (plug reductions)



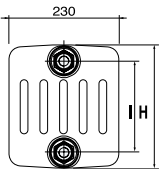
2 COLUMNS



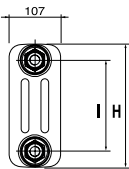
4 COLUMNS



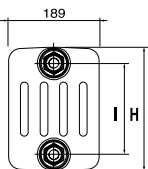
6 COLUMNS



3 COLUMNS



5 COLUMNS



columns	elements	brackets
2 columns	2-19	2
	20-39	3
	40-59	4
	60	5
3 columns	2-14	2
	15-19	2
	20-30	3
	31-39	3
	40-55	4
	56-59	4
	60	5
	2-16	2
4 columns	17-19	2
	20	3
	21-26	3
	27-30	3
	31-39	3
	40-50	4
	51-59	4
	60	5
	2-12	2
	13-15	2
5 columns	16-19	2
	20-25	3
	26-30	3
	31-35	3
	36-39	3
	40-45	4
	46-55	4
	2-10	2
	11-13	2
	14-15	2
6 columns	16-19	2
	20	3
	21-35	3
	26-30	3
	31-36	3
	37-38	3
	39-40	4
	41-50	4
	2-10	2
	11-13	2
	14-15	2
	16-19	2

Height 400

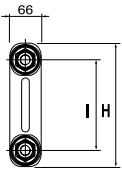
Output Δt 50°C

Columns			2	3	4	5	6
Exponent n			1,249	1,254	1,257	1,261	1,270
max. num. of elements			60	60	60	55	50
Lenght (mm)	92	W	62	85	111	134	162
Elements (n)	2						
Lenght (mm)	138	W	93	127	167	202	243
Elements (n)	3						
Lenght (mm)	184	W	124	169	222	269	324
Elements (n)	4						
Lenght (mm)	230	W	156	212	278	336	405
Elements (n)	5						
Lenght (mm)	276	W	187	254	333	403	486
Elements (n)	6						
Lenght (mm)	322	W	218	296	389	470	567
Elements (n)	7						
Lenght (mm)	368	W	249	338	444	538	648
Elements (n)	8						
Lenght (mm)	414	W	280	381	500	605	729
Elements (n)	9						
Lenght (mm)	460	W	311	423	555	672	810
Elements (n)	10						
Lenght (mm)	506	W	342	465	611	739	891
Elements (n)	11						
Lenght (mm)	552	W	373	508	666	806	972
Elements (n)	12						
Lenght (mm)	598	W	404	550	722	874	1.053
Elements (n)	13						
Lenght (mm)	644	W	435	592	777	941	1.134
Elements (n)	14						
Lenght (mm)	690	W	467	635	833	1.008	1.215
Elements (n)	15						
Lenght (mm)	736	W	498	677	888	1.075	1.296
Elements (n)	16						
Lenght (mm)	782	W	529	719	944	1.142	1.377
Elements (n)	17						
Lenght (mm)	828	W	560	761	999	1.210	1.458
Elements (n)	18						
Lenght (mm)	874	W	591	804	1.055	1.277	1.539
Elements (n)	19						
Lenght (mm)	920	W	622	846	1.110	1.344	1.620
Elements (n)	20						
Lenght (mm)	966	W	653	888	1.166	1.411	1.701
Elements (n)	21						
Lenght (mm)	1.012	W	684	931	1.221	1.478	1.782
Elements (n)	22						
Lenght (mm)	1.058	W	715	973	1.277	1.546	1.863
Elements (n)	23						
Lenght (mm)	1.104	W	746	1.015	1.332	1.613	1.944
Elements (n)	24						
Lenght (mm)	1.150	W	778	1.058	1.388	1.680	2.025
Elements (n)	25						
Lenght (mm)	1.196	W	809	1.100	1.443	1.747	2.106
Elements (n)	26						
Lenght (mm)	1.242	W	840	1.142	1.499	1.814	2.187
Elements (n)	27						
Lenght (mm)	1.288	W	871	1.184	1.554	1.882	2.268
Elements (n)	28						
Lenght (mm)	1.334	W	902	1.227	1.610	1.949	2.349
Elements (n)	29						
Lenght (mm)	1.380	W	933	1.269	1.665	2.016	2.430
Elements (n)	30						
Lenght (mm)	1.426	W	964	1.311	1.721	2.083	2.511
Elements (n)	31						
Lenght (mm)	1.472	W	995	1.354	1.776	2.150	2.592
Elements (n)	32						
Lenght (mm)	1.518	W	1.026	1.396	1.832	2.218	2.673
Elements (n)	33						
Lenght (mm)	1.564	W	1.057	1.438	1.887	2.285	2.754
Elements (n)	34						
Lenght (mm)	1.610	W	1.089	1.481	1.943	2.352	2.835
Elements (n)	35						
Length (mm)	1.656	W	1.120	1.523	1.998	2.419	2.916
Elements (n)	36						

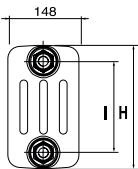
Lenght of the radiator: further 26 mm (plug reductions)



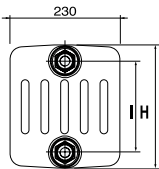
2 COLUMNS



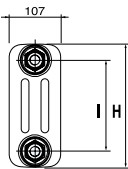
4 COLUMNS



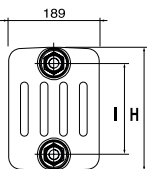
6 COLUMNS



3 COLUMNS



5 COLUMNS



columns	elements	brackets
2 columns	2-19	2
	20-39	3
	40-59	4
	60	5
3 columns	2-14	2
	15-19	2
	20-30	3
	31-39	3
	40-55	4
	56-59	4
	60	5
	2-16	2
4 columns	17-19	2
	20	3
	21-26	3
	27-30	3
	31-39	3
	40-50	4
	51-59	4
	60	5
	2-12	2
	13-15	2
5 columns	16-19	2
	20-25	3
	26-30	3
	31-35	3
	36-39	3
	40-45	4
	46-55	4
	2-10	2
	11-13	2
	14-15	2
6 columns	16-19	2
	20	3
	21-35	3
	26-30	3
	31-36	3
	37-38	3
	39-40	4
	41-50	4
	2-10	2
	11-13	2
	14-15	2
	16-19	2

Height 500

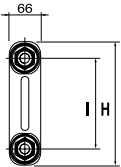
Output Δt 50°C

Columns			2	3	4	5	6
Exponent n			1,255	1,258	1,263	1,270	1,278
max. num. of elements			60	60	60	55	50
Lenght (mm)	92	W	76	103	137	164	199
Elements (n)	2						
Lenght (mm)	138	W	114	155	205	247	298
Elements (n)	3						
Lenght (mm)	184	W	152	206	273	329	398
Elements (n)	4						
Lenght (mm)	230	W	190	258	342	411	497
Elements (n)	5						
Lenght (mm)	276	W	228	310	410	493	596
Elements (n)	6						
Lenght (mm)	322	W	266	361	478	575	696
Elements (n)	7						
Lenght (mm)	368	W	304	413	546	658	795
Elements (n)	8						
Lenght (mm)	414	W	342	464	615	740	895
Elements (n)	9						
Lenght (mm)	460	W	380	516	683	822	994
Elements (n)	10						
Lenght (mm)	506	W	418	568	751	904	1.093
Elements (n)	11						
Lenght (mm)	552	W	456	619	820	986	1.193
Elements (n)	12						
Lenght (mm)	598	W	494	671	888	1.069	1.292
Elements (n)	13						
Lenght (mm)	644	W	532	722	956	1.151	1.392
Elements (n)	14						
Lenght (mm)	690	W	570	774	1.025	1.233	1.491
Elements (n)	15						
Lenght (mm)	736	W	608	826	1.093	1.315	1.590
Elements (n)	16						
Lenght (mm)	782	W	646	877	1.161	1.397	1.690
Elements (n)	17						
Lenght (mm)	828	W	684	929	1.229	1.480	1.789
Elements (n)	18						
Lenght (mm)	874	W	722	980	1.298	1.562	1.889
Elements (n)	19						
Lenght (mm)	920	W	760	1.032	1.366	1.644	1.988
Elements (n)	20						
Lenght (mm)	966	W	798	1.084	1.434	1.726	2.087
Elements (n)	21						
Lenght (mm)	1.012	W	836	1.135	1.503	1.808	2.187
Elements (n)	22						
Lenght (mm)	1.058	W	874	1.187	1.571	1.891	2.286
Elements (n)	23						
Lenght (mm)	1.104	W	912	1.238	1.639	1.973	2.386
Elements (n)	24						
Lenght (mm)	1.150	W	950	1.290	1.708	2.055	2.485
Elements (n)	25						
Lenght (mm)	1.196	W	988	1.342	1.776	2.137	2.584
Elements (n)	26						
Lenght (mm)	1.242	W	1.026	1.393	1.844	2.219	2.684
Elements (n)	27						
Lenght (mm)	1.288	W	1.064	1.445	1.912	2.302	2.783
Elements (n)	28						
Lenght (mm)	1.334	W	1.102	1.496	1.981	2.384	2.883
Elements (n)	29						
Lenght (mm)	1.380	W	1.140	1.548	2.049	2.466	2.982
Elements (n)	30						
Lenght (mm)	1.426	W	1.178	1.600	2.117	2.548	3.081
Elements (n)	31						
Lenght (mm)	1.472	W	1.216	1.651	2.186	2.630	3.181
Elements (n)	32						
Lenght (mm)	1.518	W	1.254	1.703	2.254	2.713	3.280
Elements (n)	33						
Lenght (mm)	1.564	W	1.292	1.754	2.322	2.795	3.380
Elements (n)	34						
Lenght (mm)	1.610	W	1.330	1.806	2.391	2.877	3.479
Elements (n)	35						
Length (mm)	1.656	W	1.368	1.858	2.459	2.959	3.578
Elements (n)	36						

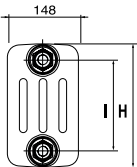
Lenght of the radiator: further 26 mm (plug reductions)



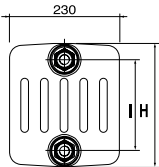
2 COLUMNS



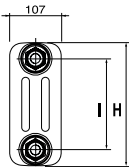
4 COLUMNS



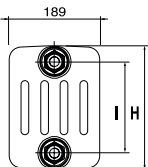
6 COLUMNS



3 COLUMNS



5 COLUMNS



columns	elements	brackets
2 columns	2-19	2
	20-39	3
	40-59	4
	60	5
3 columns	2-14	2
	15-19	2
	20-30	3
	31-39	3
	40-55	4
	56-59	4
	60	5
4 columns	2-16	2
	17-19	2
	20	3
	21-26	3
	27-30	3
	31-39	3
	40-50	4
	51-59	4
	60	5
5 columns	2-12	2
	13-15	2
	16-19	2
	20-25	3
	26-30	3
	31-35	3
	36-39	3
	40-45	4
	46-55	4
6 columns	2-10	2
	11-13	2
	14-15	2
	16-19	2
	20	3
	21-35	3
	26-30	3
	31-36	3
	37-38	3
	39-40	4
41-50	4	

Height 600

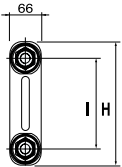
Output Δt 50°C

Columns			2	3	4	5	6
Exponent n			1,261	1,263	1,268	1,278	1,287
max. num. of elements			60	60	60	55	50
Lenght (mm)	92	W	90	122	162	194	235
Elements (n)	2						
Lenght (mm)	138	W	134	182	243	291	353
Elements (n)	3						
Lenght (mm)	184	W	179	243	324	388	470
Elements (n)	4						
Lenght (mm)	230	W	224	304	406	485	588
Elements (n)	5						
Lenght (mm)	276	W	269	365	487	582	705
Elements (n)	6						
Lenght (mm)	322	W	314	426	568	679	823
Elements (n)	7						
Lenght (mm)	368	W	358	486	649	776	940
Elements (n)	8						
Lenght (mm)	414	W	403	547	730	873	1.058
Elements (n)	9						
Lenght (mm)	460	W	448	608	811	970	1.175
Elements (n)	10						
Lenght (mm)	506	W	493	669	892	1.067	1.293
Elements (n)	11						
Lenght (mm)	552	W	538	730	973	1.164	1.410
Elements (n)	12						
Lenght (mm)	598	W	582	790	1.054	1.261	1.528
Elements (n)	13						
Lenght (mm)	644	W	627	851	1.135	1.358	1.645
Elements (n)	14						
Lenght (mm)	690	W	672	912	1.217	1.455	1.763
Elements (n)	15						
Lenght (mm)	736	W	717	973	1.298	1.552	1.880
Elements (n)	16						
Lenght (mm)	782	W	762	1.034	1.379	1.649	1.998
Elements (n)	17						
Lenght (mm)	828	W	806	1.094	1.460	1.746	2.115
Elements (n)	18						
Lenght (mm)	874	W	851	1.155	1.541	1.843	2.233
Elements (n)	19						
Lenght (mm)	920	W	896	1.216	1.622	1.940	2.350
Elements (n)	20						
Lenght (mm)	966	W	941	1.277	1.703	2.037	2.468
Elements (n)	21						
Lenght (mm)	1.012	W	986	1.338	1.784	2.134	2.585
Elements (n)	22						
Lenght (mm)	1.058	W	1.030	1.398	1.865	2.231	2.703
Elements (n)	23						
Lenght (mm)	1.104	W	1.075	1.459	1.946	2.328	2.820
Elements (n)	24						
Lenght (mm)	1.150	W	1.120	1.520	2.028	2.425	2.938
Elements (n)	25						
Lenght (mm)	1.196	W	1.165	1.581	2.109	2.522	3.055
Elements (n)	26						
Lenght (mm)	1.242	W	1.210	1.642	2.190	2.619	3.173
Elements (n)	27						
Lenght (mm)	1.288	W	1.254	1.702	2.271	2.716	3.290
Elements (n)	28						
Lenght (mm)	1.334	W	1.299	1.763	2.352	2.813	3.408
Elements (n)	29						
Lenght (mm)	1.380	W	1.344	1.824	2.433	2.910	3.525
Elements (n)	30						
Lenght (mm)	1.426	W	1.389	1.885	2.514	3.007	3.643
Elements (n)	31						
Lenght (mm)	1.472	W	1.434	1.946	2.595	3.104	3.760
Elements (n)	32						
Lenght (mm)	1.518	W	1.478	2.006	2.676	3.201	3.878
Elements (n)	33						
Lenght (mm)	1.564	W	1.523	2.067	2.757	3.298	3.995
Elements (n)	34						
Lenght (mm)	1.610	W	1.568	2.128	2.839	3.395	4.113
Elements (n)	35						
Length (mm)	1.656	W	1.613	2.189	2.920	3.492	4.230
Elements (n)	36						

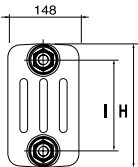
Lenght of the radiator: further 26 mm (plug reductions)



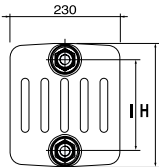
2 COLUMNS



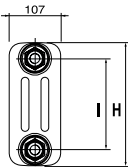
4 COLUMNS



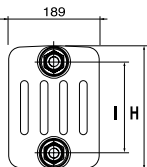
6 COLUMNS



3 COLUMNS



5 COLUMNS



columns	elements	brackets
2 columns	2-19	2
	20-39	3
	40-59	4
	60	5
3 columns	2-14	2
	15-19	2
	20-30	3
	31-39	3
	40-55	4
	56-59	4
	60	5
4 columns	2-16	2
	17-19	2
	20	3
	21-26	3
	27-30	3
	31-39	3
	40-50	4
	51-59	4
	60	5
5 columns	2-12	2
	13-15	2
	16-19	2
	20-25	3
	26-30	3
	31-35	3
	36-39	3
	40-45	4
	46-55	4
6 columns	2-10	2
	11-13	2
	14-15	2
	16-19	2
	20	3
	21-35	3
	26-30	3
	31-36	3
	37-38	3
	39-40	4
41-50	4	

Height 750

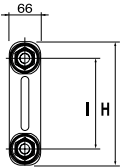
Output Δt 50°C

Columns			2	3	4	5	6
Exponent n			1,270	1,270	1,276	1,291	1,299
max. num. of elements			60	55	50	45	40
Lenght (mm)	92	W	110	149	200	238	289
Elements (n)	2						
Lenght (mm)	138	W	165	224	300	357	433
Elements (n)	3						
Lenght (mm)	184	W	220	298	400	476	578
Elements (n)	4						
Lenght (mm)	230	W	275	373	500	595	722
Elements (n)	5						
Lenght (mm)	276	W	330	447	600	714	866
Elements (n)	6						
Lenght (mm)	322	W	385	522	700	833	1.011
Elements (n)	7						
Lenght (mm)	368	W	440	596	800	952	1.155
Elements (n)	8						
Lenght (mm)	414	W	495	671	900	1.071	1.300
Elements (n)	9						
Lenght (mm)	460	W	550	745	1.000	1.190	1.444
Elements (n)	10						
Lenght (mm)	506	W	605	820	1.100	1.309	1.588
Elements (n)	11						
Lenght (mm)	552	W	660	894	1.200	1.428	1.733
Elements (n)	12						
Lenght (mm)	598	W	715	969	1.300	1.547	1.877
Elements (n)	13						
Lenght (mm)	644	W	770	1.043	1.400	1.666	2.022
Elements (n)	14						
Lenght (mm)	690	W	825	1.118	1.500	1.785	2.166
Elements (n)	15						
Lenght (mm)	736	W	880	1.192	1.600	1.904	2.310
Elements (n)	16						
Lenght (mm)	782	W	935	1.267	1.700	2.023	2.455
Elements (n)	17						
Lenght (mm)	828	W	990	1.341	1.800	2.142	2.599
Elements (n)	18						
Lenght (mm)	874	W	1.045	1.416	1.900	2.261	2.744
Elements (n)	19						
Lenght (mm)	920	W	1.100	1.490	2.000	2.380	2.888
Elements (n)	20						
Lenght (mm)	966	W	1.155	1.565	2.100	2.499	3.032
Elements (n)	21						
Lenght (mm)	1.012	W	1.210	1.639	2.200	2.618	3.177
Elements (n)	22						
Lenght (mm)	1.058	W	1.265	1.714	2.300	2.737	3.321
Elements (n)	23						
Lenght (mm)	1.104	W	1.320	1.788	2.400	2.856	3.466
Elements (n)	24						
Lenght (mm)	1.150	W	1.375	1.863	2.500	2.975	3.610
Elements (n)	25						
Lenght (mm)	1.196	W	1.430	1.937	2.600	3.094	3.754
Elements (n)	26						
Lenght (mm)	1.242	W	1.485	2.012	2.700	3.213	3.899
Elements (n)	27						
Lenght (mm)	1.288	W	1.540	2.086	2.800	3.332	4.043
Elements (n)	28						
Lenght (mm)	1.334	W	1.595	2.161	2.900	3.451	4.188
Elements (n)	29						
Lenght (mm)	1.380	W	1.650	2.235	3.000	3.570	4.332
Elements (n)	30						
Lenght (mm)	1.426	W	1.705	2.310	3.100	3.689	4.476
Elements (n)	31						
Lenght (mm)	1.472	W	1.760	2.384	3.200	3.808	4.621
Elements (n)	32						
Lenght (mm)	1.518	W	1.815	2.459	3.300	3.927	4.765
Elements (n)	33						
Lenght (mm)	1.564	W	1.870	2.533	3.400	4.046	4.910
Elements (n)	34						
Lenght (mm)	1.610	W	1.925	2.608	3.500	4.165	5.054
Elements (n)	35						
Length (mm)	1.656	W	1.980	2.682	3.600	4.284	5.198
Elements (n)	36						

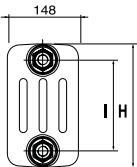
Lenght of the radiator: further 26 mm (plug reductions)



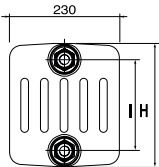
2 COLUMNS



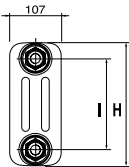
4 COLUMNS



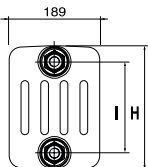
6 COLUMNS



3 COLUMNS



5 COLUMNS



columns	elements	brackets
2 columns	2-19	2
	20-39	3
	40-59	4
	60	5
	2-14	2
3 columns	15-19	2
	20-30	3
	31-39	3
	40-55	4
	2-16	2
4 columns	17-19	2
	20	3
	21-26	3
	27-30	3
	31-39	3
5 columns	40-50	4
	2-12	2
	13-15	2
	16-19	2
	20-25	3
6 columns	26-30	3
	31-35	3
	36-39	3
	40-45	4
	2-10	2
6 columns	11-13	2
	14-15	2
	16-19	2
	20	3
	21-35	3
6 columns	26-30	3
	31-36	3
	37-38	3
	39-40	4

Height 800

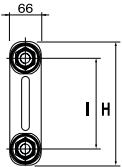
Output Δt 50°C

Columns			2	3	4	5	6
Exponent n			1,273	1,272	1,279	1,295	1,303
max. num. of elements			60	55	50	45	40
Lenght (mm)	92	W	117	158	213	253	307
Elements (n)	2						
Lenght (mm)	138	W	175	237	319	379	460
Elements (n)	3						
Lenght (mm)	184	W	233	316	425	505	613
Elements (n)	4						
Lenght (mm)	230	W	292	395	532	631	766
Elements (n)	5						
Lenght (mm)	276	W	350	474	638	758	920
Elements (n)	6						
Lenght (mm)	322	W	408	553	744	884	1.073
Elements (n)	7						
Lenght (mm)	368	W	467	633	851	1.010	1.226
Elements (n)	8						
Lenght (mm)	414	W	525	712	957	1.136	1.379
Elements (n)	9						
Lenght (mm)	460	W	584	791	1.063	1.263	1.533
Elements (n)	10						
Lenght (mm)	506	W	642	870	1.170	1.389	1.686
Elements (n)	11						
Lenght (mm)	552	W	700	949	1.276	1.515	1.839
Elements (n)	12						
Lenght (mm)	598	W	759	1.028	1.382	1.642	1.992
Elements (n)	13						
Lenght (mm)	644	W	817	1.107	1.489	1.768	2.146
Elements (n)	14						
Lenght (mm)	690	W	875	1.186	1.595	1.894	2.299
Elements (n)	15						
Lenght (mm)	736	W	934	1.265	1.701	2.020	2.452
Elements (n)	16						
Lenght (mm)	782	W	992	1.344	1.808	2.147	2.605
Elements (n)	17						
Lenght (mm)	828	W	1.050	1.423	1.914	2.273	2.759
Elements (n)	18						
Lenght (mm)	874	W	1.109	1.502	2.020	2.399	2.912
Elements (n)	19						
Lenght (mm)	920	W	1.167	1.581	2.127	2.525	3.065
Elements (n)	20						
Lenght (mm)	966	W	1.225	1.660	2.233	2.652	3.218
Elements (n)	21						
Lenght (mm)	1.012	W	1.284	1.740	2.339	2.778	3.372
Elements (n)	22						
Lenght (mm)	1.058	W	1.342	1.819	2.446	2.904	3.525
Elements (n)	23						
Lenght (mm)	1.104	W	1.400	1.898	2.552	3.030	3.678
Elements (n)	24						
Lenght (mm)	1.150	W	1.459	1.977	2.659	3.157	3.832
Elements (n)	25						
Lenght (mm)	1.196	W	1.517	2.056	2.765	3.283	3.985
Elements (n)	26						
Lenght (mm)	1.242	W	1.575	2.135	2.871	3.409	4.138
Elements (n)	27						
Lenght (mm)	1.288	W	1.634	2.214	2.978	3.536	4.291
Elements (n)	28						
Lenght (mm)	1.334	W	1.692	2.293	3.084	3.662	4.445
Elements (n)	29						
Lenght (mm)	1.380	W	1.751	2.372	3.190	3.788	4.598
Elements (n)	30						
Lenght (mm)	1.426	W	1.809	2.451	3.297	3.914	4.751
Elements (n)	31						
Lenght (mm)	1.472	W	1.867	2.530	3.403	4.041	4.904
Elements (n)	32						
Lenght (mm)	1.518	W	1.926	2.609	3.509	4.167	5.058
Elements (n)	33						
Lenght (mm)	1.564	W	1.984	2.688	3.616	4.293	5.211
Elements (n)	34						
Lenght (mm)	1.610	W	2.042	2.767	3.722	4.419	5.364
Elements (n)	35						
Length (mm)	1.656	W	2.101	2.847	3.828	4.546	5.517
Elements (n)	36						

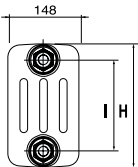
Lenght of the radiator: further 26 mm (plug reductions)



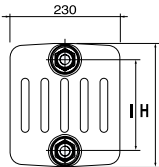
2 COLUMNS



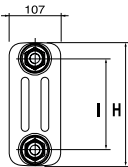
4 COLUMNS



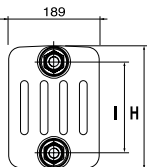
6 COLUMNS



3 COLUMNS



5 COLUMNS



columns	elements	brackets
2 columns	2-19	2
	20-39	3
	40-59	4
	60	5
	2-14	2
3 columns	15-19	2
	20-30	3
	31-39	3
	40-55	4
	2-16	2
4 columns	17-19	2
	20	3
	21-26	3
	27-30	3
	31-39	3
5 columns	40-50	4
	2-12	2
	13-15	2
	16-19	2
	20-25	3
6 columns	26-30	3
	31-35	3
	36-39	3
	40-45	4
	2-10	2
6 columns	11-13	2
	14-15	2
	16-19	2
	20	3
	21-35	3
6 columns	26-30	3
	31-36	3
	37-38	3
	39-40	4

Height 900

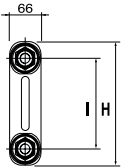
Output Δt 50°C

Columns			2	3	4	5	6
Exponent n			1,279	1,277	1,284	1,303	1,311
max. num. of elements			60	55	50	45	40
Lenght (mm)	92	W	130	176	238	282	342
Elements (n)	2						
Lenght (mm)	138	W	195	265	357	422	513
Elements (n)	3						
Lenght (mm)	184	W	260	353	476	563	684
Elements (n)	4						
Lenght (mm)	230	W	326	441	595	704	855
Elements (n)	5						
Lenght (mm)	276	W	391	529	713	845	1.026
Elements (n)	6						
Lenght (mm)	322	W	456	617	832	986	1.197
Elements (n)	7						
Lenght (mm)	368	W	521	706	951	1.126	1.368
Elements (n)	8						
Lenght (mm)	414	W	586	794	1.070	1.267	1.539
Elements (n)	9						
Lenght (mm)	460	W	651	882	1.189	1.408	1.710
Elements (n)	10						
Lenght (mm)	506	W	716	970	1.308	1.549	1.881
Elements (n)	11						
Lenght (mm)	552	W	781	1.058	1.427	1.690	2.052
Elements (n)	12						
Lenght (mm)	598	W	846	1.147	1.546	1.830	2.223
Elements (n)	13						
Lenght (mm)	644	W	911	1.235	1.665	1.971	2.394
Elements (n)	14						
Lenght (mm)	690	W	977	1.323	1.784	2.112	2.565
Elements (n)	15						
Lenght (mm)	736	W	1.042	1.411	1.902	2.253	2.736
Elements (n)	16						
Lenght (mm)	782	W	1.107	1.499	2.021	2.394	2.907
Elements (n)	17						
Lenght (mm)	828	W	1.172	1.588	2.140	2.534	3.078
Elements (n)	18						
Lenght (mm)	874	W	1.237	1.676	2.259	2.675	3.249
Elements (n)	19						
Lenght (mm)	920	W	1.302	1.764	2.378	2.816	3.420
Elements (n)	20						
Lenght (mm)	966	W	1.367	1.852	2.497	2.957	3.591
Elements (n)	21						
Lenght (mm)	1.012	W	1.432	1.940	2.616	3.098	3.762
Elements (n)	22						
Lenght (mm)	1.058	W	1.497	2.029	2.735	3.238	3.933
Elements (n)	23						
Lenght (mm)	1.104	W	1.562	2.117	2.854	3.379	4.104
Elements (n)	24						
Lenght (mm)	1.150	W	1.628	2.205	2.973	3.520	4.275
Elements (n)	25						
Lenght (mm)	1.196	W	1.693	2.293	3.091	3.661	4.446
Elements (n)	26						
Lenght (mm)	1.242	W	1.758	2.381	3.210	3.802	4.617
Elements (n)	27						
Lenght (mm)	1.288	W	1.823	2.470	3.329	3.942	4.788
Elements (n)	28						
Lenght (mm)	1.334	W	1.888	2.558	3.448	4.083	4.959
Elements (n)	29						
Lenght (mm)	1.380	W	1.953	2.646	3.567	4.224	5.130
Elements (n)	30						
Lenght (mm)	1.426	W	2.018	2.734	3.686	4.365	5.301
Elements (n)	31						
Lenght (mm)	1.472	W	2.083	2.822	3.805	4.506	5.472
Elements (n)	32						
Lenght (mm)	1.518	W	2.148	2.911	3.924	4.646	5.643
Elements (n)	33						
Lenght (mm)	1.564	W	2.213	2.999	4.043	4.787	5.814
Elements (n)	34						
Lenght (mm)	1.610	W	2.279	3.087	4.162	4.928	5.985
Elements (n)	35						
Length (mm)	1.656	W	2.344	3.175	4.280	5.069	6.156
Elements (n)	36						

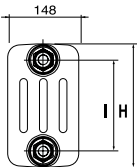
Lenght of the radiator: further 26 mm (plug reductions)



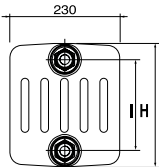
2 COLUMNS



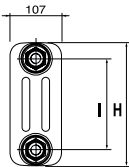
4 COLUMNS



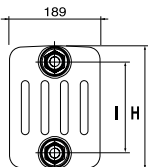
6 COLUMNS



3 COLUMNS



5 COLUMNS



columns	elements	brackets
2 columns	2-19	2
	20-39	3
	40-59	4
	60	5
	2-14	2
3 columns	15-19	2
	20-30	3
	31-39	3
	40-55	4
	2-16	2
4 columns	17-19	2
	20	3
	21-26	3
	27-30	3
	31-39	3
5 columns	40-50	4
	2-12	2
	13-15	2
	16-19	2
	20-25	3
6 columns	26-30	3
	31-35	3
	36-39	4
	40-45	4
	2-10	2
6 columns	11-13	2
	14-15	2
	16-19	2
	20	3
	21-35	3
6 columns	26-30	3
	31-36	4
	37-38	4
	39-40	4

Height 1000

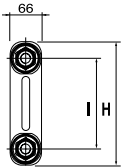
Output Δt 50°C

Columns			2	3	4	5	6
Exponent n			1,285	1,281	1,290	1,312	1,319
max. num. of elements			60	55	50	45	40
Lenght (mm)	92	W	144	195	263	311	377
Elements (n)	2						
Lenght (mm)	138	W	216	292	395	466	566
Elements (n)	3						
Lenght (mm)	184	W	288	390	526	622	754
Elements (n)	4						
Lenght (mm)	230	W	361	487	658	777	943
Elements (n)	5						
Lenght (mm)	276	W	433	584	789	932	1.132
Elements (n)	6						
Lenght (mm)	322	W	505	682	921	1.088	1.320
Elements (n)	7						
Lenght (mm)	368	W	577	779	1.052	1.243	1.509
Elements (n)	8						
Lenght (mm)	414	W	649	877	1.184	1.399	1.697
Elements (n)	9						
Lenght (mm)	460	W	721	974	1.315	1.554	1.886
Elements (n)	10						
Lenght (mm)	506	W	793	1.071	1.447	1.709	2.075
Elements (n)	11						
Lenght (mm)	552	W	865	1.169	1.578	1.865	2.263
Elements (n)	12						
Lenght (mm)	598	W	937	1.266	1.710	2.020	2.452
Elements (n)	13						
Lenght (mm)	644	W	1.009	1.364	1.841	2.176	2.640
Elements (n)	14						
Lenght (mm)	690	W	1.082	1.461	1.973	2.331	2.829
Elements (n)	15						
Lenght (mm)	736	W	1.154	1.558	2.104	2.486	3.018
Elements (n)	16						
Lenght (mm)	782	W	1.226	1.656	2.236	2.642	3.206
Elements (n)	17						
Lenght (mm)	828	W	1.298	1.753	2.367	2.797	3.395
Elements (n)	18						
Lenght (mm)	874	W	1.370	1.851	2.499	2.953	3.583
Elements (n)	19						
Lenght (mm)	920	W	1.442	1.948	2.630	3.108	3.772
Elements (n)	20						
Lenght (mm)	966	W	1.514	2.045	2.762	3.263	3.961
Elements (n)	21						
Lenght (mm)	1.012	W	1.586	2.143	2.893	3.419	4.149
Elements (n)	22						
Lenght (mm)	1.058	W	1.658	2.240	3.025	3.574	4.338
Elements (n)	23						
Lenght (mm)	1.104	W	1.730	2.338	3.156	3.730	4.526
Elements (n)	24						
Lenght (mm)	1.150	W	1.803	2.435	3.288	3.885	4.715
Elements (n)	25						
Lenght (mm)	1.196	W	1.875	2.532	3.419	4.040	4.904
Elements (n)	26						
Lenght (mm)	1.242	W	1.947	2.630	3.551	4.196	5.092
Elements (n)	27						
Lenght (mm)	1.288	W	2.019	2.727	3.682	4.351	5.281
Elements (n)	28						
Lenght (mm)	1.334	W	2.091	2.825	3.814	4.507	5.469
Elements (n)	29						
Lenght (mm)	1.380	W	2.163	2.922	3.945	4.662	5.658
Elements (n)	30						
Lenght (mm)	1.426	W	2.235	3.019	4.077	4.817	5.847
Elements (n)	31						
Lenght (mm)	1.472	W	2.307	3.117	4.208	4.973	6.035
Elements (n)	32						
Lenght (mm)	1.518	W	2.379	3.214	4.340	5.128	6.224
Elements (n)	33						
Lenght (mm)	1.564	W	2.451	3.312	4.471	5.284	6.412
Elements (n)	34						
Lenght (mm)	1.610	W	2.524	3.409	4.603	5.439	6.601
Elements (n)	35						
Length (mm)	1.656	W	2.596	3.506	4.734	5.594	6.790
Elements (n)	36						

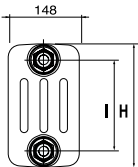
Lenght of the radiator: further 26 mm (plug reductions)



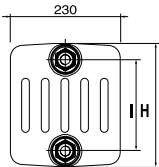
2 COLUMNS



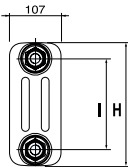
4 COLUMNS



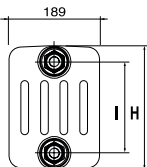
6 COLUMNS



3 COLUMNS



5 COLUMNS



columns	elements	brackets
2 columns	2-19	2
	20-39	3
	40-59	4
	60	5
	2-14	2
3 columns	15-19	2
	20-30	3
	31-39	3
	40-55	4
	2-16	2
4 columns	17-19	2
	20	3
	21-26	3
	27-30	3
	31-39	3
5 columns	40-50	4
	2-12	2
	13-15	2
	16-19	2
	20-25	3
6 columns	26-30	3
	31-35	3
	36-39	4
	40-45	4
	2-10	2
6 columns	11-13	2
	14-15	2
	16-19	2
	20	3
	21-35	3
6 columns	26-30	3
	31-36	4
	37-38	4
	39-40	4

Height 1200

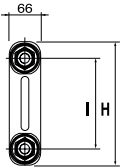
Output Δt 50°C

Columns			2	3	4	5	6
Exponent n			1,294	1,290	1,297	1,320	1,322
max. num. of elements			30	30	30	30	30
Lenght (mm)	92	W	171	232	313	369	448
Elements (n)	2						
Lenght (mm)	138	W	257	348	470	554	671
Elements (n)	3						
Lenght (mm)	184	W	342	464	626	738	895
Elements (n)	4						
Lenght (mm)	230	W	428	580	783	923	1.119
Elements (n)	5						
Lenght (mm)	276	W	514	696	940	1.107	1.343
Elements (n)	6						
Lenght (mm)	322	W	599	812	1.096	1.292	1.567
Elements (n)	7						
Lenght (mm)	368	W	685	928	1.253	1.476	1.790
Elements (n)	8						
Lenght (mm)	414	W	770	1.044	1.409	1.661	2.014
Elements (n)	9						
Lenght (mm)	460	W	856	1.160	1.566	1.845	2.238
Elements (n)	10						
Lenght (mm)	506	W	942	1.276	1.723	2.030	2.462
Elements (n)	11						
Lenght (mm)	552	W	1.027	1.392	1.879	2.214	2.686
Elements (n)	12						
Lenght (mm)	598	W	1.113	1.508	2.036	2.399	2.909
Elements (n)	13						
Lenght (mm)	644	W	1.198	1.624	2.192	2.583	3.133
Elements (n)	14						
Lenght (mm)	690	W	1.284	1.740	2.349	2.768	3.357
Elements (n)	15						
Lenght (mm)	736	W	1.370	1.856	2.506	2.952	3.581
Elements (n)	16						
Lenght (mm)	782	W	1.455	1.972	2.662	3.137	3.805
Elements (n)	17						
Lenght (mm)	828	W	1.541	2.088	2.819	3.321	4.028
Elements (n)	18						
Lenght (mm)	874	W	1.626	2.204	2.975	3.506	4.252
Elements (n)	19						
Lenght (mm)	920	W	1.712	2.320	3.132	3.690	4.476
Elements (n)	20						
Lenght (mm)	966	W	1.798	2.436	3.289	3.875	4.700
Elements (n)	21						
Lenght (mm)	1.012	W	1.883	2.552	3.445	4.059	4.924
Elements (n)	22						
Lenght (mm)	1.058	W	1.969	2.668	3.602	4.244	5.147
Elements (n)	23						
Lenght (mm)	1.104	W	2.054	2.784	3.758	4.428	5.371
Elements (n)	24						
Lenght (mm)	1.150	W	2.140	2.900	3.915	4.613	5.595
Elements (n)	25						
Lenght (mm)	1.196	W	2.226	3.016	4.072	4.797	5.819
Elements (n)	26						
Lenght (mm)	1.242	W	2.311	3.132	4.228	4.982	6.043
Elements (n)	27						
Lenght (mm)	1.288	W	2.397	3.248	4.385	5.166	6.266
Elements (n)	28						
Lenght (mm)	1.334	W	2.482	3.364	4.541	5.351	6.490
Elements (n)	29						
Lenght (mm)	1.380	W	2.568	3.480	4.698	5.535	6.714
Elements (n)	30						

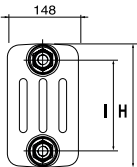
Lenght of the radiator: further 26 mm (plug reductions)



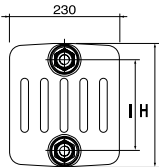
2 COLUMNS



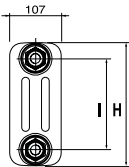
4 COLUMNS



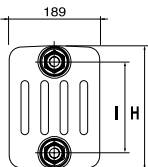
6 COLUMNS



3 COLUMNS



5 COLUMNS



columns	elements	brackets
2 columns	2-19	2
	20-39	3
3 columns	2-14	2
	15-19	2
	20-30	3
4 columns	2-16	2
	17-19	2
	20	3
	21-26	3
	27-30	3
	2-12	2
5 columns	13-15	2
	16-19	2
	20-25	3
	26-30	3
	2-10	2
6 columns	11-13	2
	14-15	2
	16-19	3
	20	3
	21-35	3
	26-30	4

Height 1500

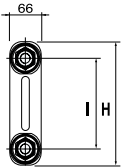
Output Δt 50°C

Columns			2	3	4	5	6
Exponent n			1,307	1,302	1,308	1,332	1,325
max. num. of elements			30	30	30	25	20
Lenght (mm)	92	W	9213	289	389	457	553
Elements (n)	2						
Lenght (mm)	138	W	319	433	583	685	829
Elements (n)	3						
Lenght (mm)	184	W	426	578	777	914	1.105
Elements (n)	4						
Lenght (mm)	230	W	532	722	972	1.142	1.382
Elements (n)	5						
Lenght (mm)	276	W	638	866	1.166	1.370	1.658
Elements (n)	6						
Lenght (mm)	322	W	745	1.011	1.360	1.599	1.934
Elements (n)	7						
Lenght (mm)	368	W	851	1.155	1.554	1.827	2.210
Elements (n)	8						
Lenght (mm)	414	W	958	1.300	1.749	2.056	2.487
Elements (n)	9						
Lenght (mm)	460	W	1.064	1.444	1.943	2.284	2.763
Elements (n)	10						
Lenght (mm)	506	W	1.170	1.588	2.137	2.512	3.039
Elements (n)	11						
Lenght (mm)	552	W	1.277	1.733	2.332	2.741	3.316
Elements (n)	12						
Lenght (mm)	598	W	1.383	1.877	2.526	2.969	3.592
Elements (n)	13						
Lenght (mm)	644	W	1.490	2.022	2.720	3.198	3.868
Elements (n)	14						
Lenght (mm)	690	W	1.596	2.166	2.915	3.426	4.145
Elements (n)	15						
Lenght (mm)	736	W	1.702	2.310	3.109	3.654	4.421
Elements (n)	16						
Lenght (mm)	782	W	1.809	2.455	3.303	3.883	4.697
Elements (n)	17						
Lenght (mm)	828	W	1.915	2.599	3.497	4.111	4.973
Elements (n)	18						
Lenght (mm)	874	W	2.022	2.744	3.692	4.340	5.250
Elements (n)	19						
Lenght (mm)	920	W	2.128	2.888	3.886	4.568	5.526
Elements (n)	20						
Lenght (mm)	966	W	2.234	3.032	4.080	4.796	5.802
Elements (n)	21						
Lenght (mm)	1.012	W	2.341	3.177	4.275	5.025	6.079
Elements (n)	22						
Lenght (mm)	1.058	W	2.447	3.321	4.469	5.253	6.355
Elements (n)	23						
Lenght (mm)	1.104	W	2.554	3.466	4.663	5.482	6.631
Elements (n)	24						
Lenght (mm)	1.150	W	2.660	3.610	4.858	5.710	6.908
Elements (n)	25						
Lenght (mm)	1.196	W	2.766	3.754	5.052	5.938	7.184
Elements (n)	26						
Lenght (mm)	1.242	W	2.873	3.899	5.246	6.167	7.460
Elements (n)	27						
Lenght (mm)	1.288	W	2.979	4.043	5.440	6.395	7.736
Elements (n)	28						
Lenght (mm)	1.334	W	3.086	4.188	5.635	6.624	8.013
Elements (n)	29						
Lenght (mm)	1.380	W	3.192	4.332	5.829	6.852	8.289
Elements (n)	30						

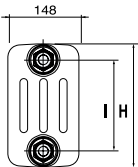
Lenght of the radiator: further 26 mm (plug reductions)



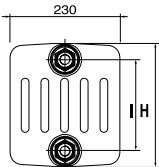
2 COLUMNS



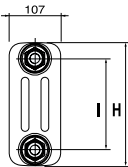
4 COLUMNS



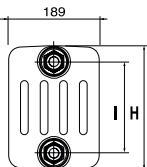
6 COLUMNS



3 COLUMNS



5 COLUMNS



columns	elements	brackets
2 columns	2-19	2
	20-39	3
3 columns	2-14	2
	15-19	2
	20-30	3
4 columns	2-16	2
	17-19	2
	20	3
	21-26	3
5 columns	27-30	3
	2-12	2
	13-15	2
	16-19	3
6 columns	20-25	4
	2-10	2
	11-13	2
	14-15	3
	16-19	3
	20	3

Height 1800

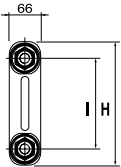
Output Δt 50°C

Columns			2	3	4	5	6
Exponent n			1,321	1,315	1,318	1,345	1,329
max. num. of elements			30	30	30	25	20
Lenght (mm)	92	W	255	347	465	546	658
Elements (n)	2						
Lenght (mm)	138	W	383	521	697	819	987
Elements (n)	3						
Lenght (mm)	184	W	511	694	929	1.092	1.316
Elements (n)	4						
Lenght (mm)	230	W	639	868	1.162	1.365	1.645
Elements (n)	5						
Lenght (mm)	276	W	766	1.042	1.394	1.637	1.973
Elements (n)	6						
Lenght (mm)	322	W	894	1.215	1.626	1.910	2.302
Elements (n)	7						
Lenght (mm)	368	W	1.022	1.389	1.858	2.183	2.631
Elements (n)	8						
Lenght (mm)	414	W	1.149	1.562	2.091	2.456	2.960
Elements (n)	9						
Lenght (mm)	460	W	1.277	1.736	2.323	2.729	3.289
Elements (n)	10						
Lenght (mm)	506	W	1.405	1.910	2.555	3.002	3.618
Elements (n)	11						
Lenght (mm)	552	W	1.532	2.083	2.788	3.275	3.947
Elements (n)	12						
Lenght (mm)	598	W	1.660	2.257	3.020	3.548	4.276
Elements (n)	13						
Lenght (mm)	644	W	1.788	2.430	3.252	3.821	4.605
Elements (n)	14						
Lenght (mm)	690	W	1.916	2.604	3.485	4.094	4.934
Elements (n)	15						
Lenght (mm)	736	W	2.043	2.778	3.717	4.366	5.262
Elements (n)	16						
Lenght (mm)	782	W	2.171	2.951	3.949	4.639	5.591
Elements (n)	17						
Lenght (mm)	828	W	2.299	3.125	4.181	4.912	5.920
Elements (n)	18						
Lenght (mm)	874	W	2.426	3.298	4.414	5.185	6.249
Elements (n)	19						
Lenght (mm)	920	W	2.554	3.472	4.646	5.458	6.578
Elements (n)	20						
Lenght (mm)	966	W	2.682	3.646	4.878	5.731	6.907
Elements (n)	21						
Lenght (mm)	1.012	W	2.809	3.819	5.111	6.004	7.236
Elements (n)	22						
Lenght (mm)	1.058	W	2.937	3.993	5.343	6.277	7.565
Elements (n)	23						
Lenght (mm)	1.104	W	3.065	4.166	5.575	6.550	7.894
Elements (n)	24						
Lenght (mm)	1.150	W	3.193	4.340	5.808	6.823	8.223
Elements (n)	25						
Lenght (mm)	1.196	W	3.320	4.514	6.040	7.095	8.551
Elements (n)	26						
Lenght (mm)	1.242	W	3.448	4.687	6.272	7.368	8.880
Elements (n)	27						
Lenght (mm)	1.288	W	3.576	4.861	6.504	7.641	9.209
Elements (n)	28						
Lenght (mm)	1.334	W	3.703	5.034	6.737	7.914	9.538
Elements (n)	29						
Lenght (mm)	1.380	W	3.831	5.208	6.969	8.187	9.867
Elements (n)	30						

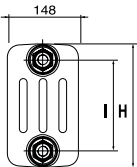
Lenght of the radiator: further 26 mm (plug reductions)



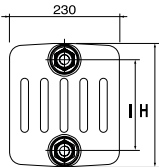
2 COLUMNS



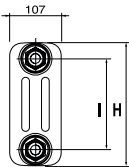
4 COLUMNS



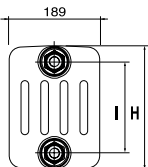
6 COLUMNS



3 COLUMNS



5 COLUMNS



columns	elements	brackets
2 columns	2-19	2
	20-39	3
3 columns	2-14	2
	15-19	2
	20-30	3
4 columns	2-16	2
	17-19	3
	20	3
	21-26	3
	27-30	4
5 columns	2-12	2
	13-15	3
	16-19	3
	20-25	4
6 columns	2-10	2
	11-13	3
	14-15	3
	16-19	4
	20	4

Height 2000

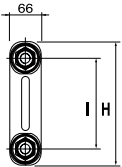
Output Δt 50°C

Columns			2	3	4	5	6
Exponent n			1,320	1,313	1,315	1,338	1,328
max. num. of elements			30	30	30	25	15
Lenght (mm)	92	W	285	387	516	606	728
Elements (n)	2						
Lenght (mm)	138	W	427	581	773	909	1.092
Elements (n)	3						
Lenght (mm)	184	W	569	775	1.031	1.212	1.456
Elements (n)	4						
Lenght (mm)	230	W	712	969	1.289	1.515	1.820
Elements (n)	5						
Lenght (mm)	276	W	854	1.162	1.547	1.817	2.184
Elements (n)	6						
Lenght (mm)	322	W	996	1.356	1.805	2.120	2.548
Elements (n)	7						
Lenght (mm)	368	W	1.138	1.550	2.062	2.423	2.912
Elements (n)	8						
Lenght (mm)	414	W	1.281	1.743	2.320	2.726	3.276
Elements (n)	9						
Lenght (mm)	460	W	1.423	1.937	2.578	3.029	3.640
Elements (n)	10						
Lenght (mm)	506	W	1.565	2.131	2.836	3.332	4.004
Elements (n)	11						
Lenght (mm)	552	W	1.708	2.324	3.094	3.635	4.368
Elements (n)	12						
Lenght (mm)	598	W	1.850	2.518	3.351	3.938	4.732
Elements (n)	13						
Lenght (mm)	644	W	1.992	2.712	3.609	4.241	5.096
Elements (n)	14						
Lenght (mm)	690	W	2.135	2.906	3.867	4.544	5.460
Elements (n)	15						
Lenght (mm)	736	W	2.277	3.099	4.125	4.846	5.824
Elements (n)	16						
Lenght (mm)	782	W	2.419	3.293	4.383	5.149	6.188
Elements (n)	17						
Lenght (mm)	828	W	2.561	3.487	4.640	5.452	6.552
Elements (n)	18						
Lenght (mm)	874	W	2.704	3.680	4.898	5.755	6.916
Elements (n)	19						
Lenght (mm)	920	W	2.846	3.874	5.156	6.058	7.280
Elements (n)	20						
Lenght (mm)	966	W	2.988	4.068	5.414	6.361	7.644
Elements (n)	21						
Lenght (mm)	1.012	W	3.131	4.261	5.672	6.664	8.008
Elements (n)	22						
Lenght (mm)	1.058	W	3.273	4.455	5.929	6.967	8.372
Elements (n)	23						
Lenght (mm)	1.104	W	3.415	4.649	6.187	7.270	8.736
Elements (n)	24						
Lenght (mm)	1.150	W	3.558	4.843	6.445	7.573	9.100
Elements (n)	25						
Lenght (mm)	1.196	W	3.700	5.036	6.703	7.875	9.464
Elements (n)	26						
Lenght (mm)	1.242	W	3.842	5.230	6.961	8.178	9.828
Elements (n)	27						
Lenght (mm)	1.288	W	3.984	5.424	7.218	8.481	10.192
Elements (n)	28						
Lenght (mm)	1.334	W	4.127	5.617	7.476	8.784	10.556
Elements (n)	29						
Lenght (mm)	1.380	W	4.269	5.811	7.734	9.087	10.920
Elements (n)	30						

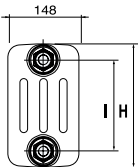
Lenght of the radiator: further 26 mm (plug reductions)



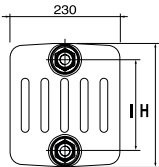
2 COLUMNS



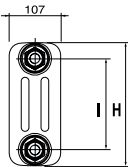
4 COLUMNS



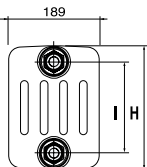
6 COLUMNS



3 COLUMNS



5 COLUMNS



columns	elements	brackets
2 columns	2-19	2
	20-39	3
3 columns	2-14	2
	15-19	2
	20-30	3
4 columns	2-16	3
	17-19	3
	20	3
	21-26	4
	27-30	4
5 columns	2-12	2
	13-15	3
	16-19	3
	20-25	4
6 columns	2-10	2
	11-13	3
	14-15	3

Height 2200

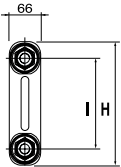
Output Δt 50°C



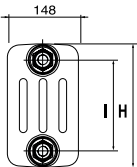
Columns			2	3	4	5	6
Exponent n			1,320	1,311	1,311	1,332	1,326
max. num. of elements			30	30	30	15	13
Lenght (mm)	92	W	314	428	567	667	798
Elements (n)	2						
Lenght (mm)	138	W	472	643	851	1.000	1.198
Elements (n)	3						
Lenght (mm)	184	W	629	857	1.134	1.333	1.597
Elements (n)	4						
Lenght (mm)	230	W	786	1.071	1.418	1.667	1.996
Elements (n)	5						
Lenght (mm)	276	W	943	1.285	1.701	2.000	2.395
Elements (n)	6						
Lenght (mm)	322	W	1.100	1.499	1.985	2.333	2.794
Elements (n)	7						
Lenght (mm)	368	W	1.258	1.714	2.268	2.666	3.194
Elements (n)	8						
Lenght (mm)	414	W	1.415	1.928	2.552	3.000	3.593
Elements (n)	9						
Lenght (mm)	460	W	1.572	2.142	2.835	3.333	3.992
Elements (n)	10						
Lenght (mm)	506	W	1.729	2.356	3.119	3.666	4.391
Elements (n)	11						
Lenght (mm)	552	W	1.886	2.570	3.402	4.000	4.790
Elements (n)	12						
Lenght (mm)	598	W	2.044	2.785	3.686	4.333	5.190
Elements (n)	13						
Lenght (mm)	644	W	2.201	2.999	3.969	4.666	5.589
Elements (n)	14						
Lenght (mm)	690	W	2.358	3.213	4.253	5.000	5.988
Elements (n)	15						
Lenght (mm)	736	W	2.515	3.427	4.536	5.333	6.387
Elements (n)	16						
Lenght (mm)	782	W	2.672	3.641	4.820	5.666	6.786
Elements (n)	17						
Lenght (mm)	828	W	2.830	3.856	5.103	5.999	7.186
Elements (n)	18						
Lenght (mm)	874	W	2.987	4.070	5.387	6.333	7.585
Elements (n)	19						
Lenght (mm)	920	W	3.144	4.284	5.670	6.666	7.984
Elements (n)	20						
Lenght (mm)	966	W	3.301	4.498	5.954	6.999	8.383
Elements (n)	21						
Lenght (mm)	1.012	W	3.458	4.712	6.237	7.333	8.782
Elements (n)	22						
Lenght (mm)	1.058	W	3.616	4.927	6.521	7.666	9.182
Elements (n)	23						
Lenght (mm)	1.104	W	3.773	5.141	6.804	7.999	9.581
Elements (n)	24						
Lenght (mm)	1.150	W	3.930	5.355	7.088	8.333	9.980
Elements (n)	25						
Lenght (mm)	1.196	W	4.087	5.569	7.371	8.666	10.379
Elements (n)	26						
Lenght (mm)	1.242	W	4.244	5.783	7.655	8.999	10.778
Elements (n)	27						
Lenght (mm)	1.288	W	4.402	5.998	7.938	9.332	11.178
Elements (n)	28						
Lenght (mm)	1.334	W	4.559	6.212	8.222	9.666	11.577
Elements (n)	29						
Lenght (mm)	1.380	W	4.716	6.426	8.505	9.999	11.976
Elements (n)	30						

Lenght of the radiator: further 26 mm (plug reductions)

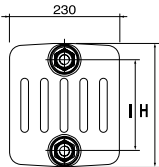
2 COLUMNS



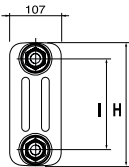
4 COLUMNS



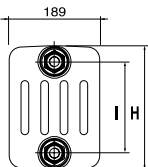
6 COLUMNS



3 COLUMNS



5 COLUMNS



columns	elements	brackets
2 columns	2-19	2
	20-39	3
3 columns	2-14	2
	15-19	3
	20-30	4
4 columns	2-16	3
	17-19	3
	20	3
	21-26	4
	27-30	5
	2-12	2
5 columns	13-15	3
	2-10	3
6 columns	11-13	3

Height 2500

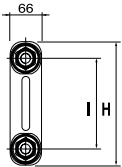
Output Δt 50°C



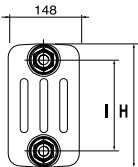
Columns			2	3	4	5	6
Exponent n			1,320	1,313	1,315	1,338	1,328
max. num. of elements			30	30	30	25	15
Lenght (mm)	92	W	285	387	516	606	728
Elements (n)	2						
Lenght (mm)	138	W	427	581	773	909	1.092
Elements (n)	3						
Lenght (mm)	184	W	569	775	1.031	1.212	1.456
Elements (n)	4						
Lenght (mm)	230	W	712	969	1.289	1.515	1.820
Elements (n)	5						
Lenght (mm)	276	W	854	1.162	1.547	1.817	2.184
Elements (n)	6						
Lenght (mm)	322	W	996	1.356	1.805	2.120	2.548
Elements (n)	7						
Lenght (mm)	368	W	1.138	1.550	2.062	2.423	2.912
Elements (n)	8						
Lenght (mm)	414	W	1.281	1.743	2.320	2.726	3.276
Elements (n)	9						
Lenght (mm)	460	W	1.423	1.937	2.578	3.029	3.640
Elements (n)	10						
Lenght (mm)	506	W	1.565	2.131	2.836	3.332	4.004
Elements (n)	11						
Lenght (mm)	552	W	1.708	2.324	3.094	3.635	4.368
Elements (n)	12						
Lenght (mm)	598	W	1.850	2.518	3.351	3.938	4.732
Elements (n)	13						
Lenght (mm)	644	W	1.992	2.712	3.609	4.241	5.096
Elements (n)	14						
Lenght (mm)	690	W	2.135	2.906	3.867	4.544	5.460
Elements (n)	15						
Lenght (mm)	736	W	2.277	3.099	4.125	4.846	5.824
Elements (n)	16						
Lenght (mm)	782	W	2.419	3.293	4.383	5.149	6.188
Elements (n)	17						
Lenght (mm)	828	W	2.561	3.487	4.640	5.452	6.552
Elements (n)	18						
Lenght (mm)	874	W	2.704	3.680	4.898	5.755	6.916
Elements (n)	19						
Lenght (mm)	920	W	2.846	3.874	5.156	6.058	7.280
Elements (n)	20						

Lenght of the radiator: further 26 mm (plug reductions)

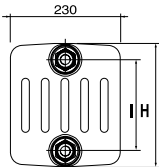
2 COLUMNS



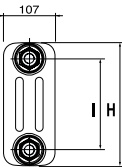
4 COLUMNS



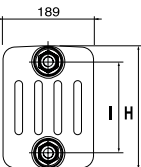
6 COLUMNS



3 COLUMNS



5 COLUMNS



columns	elements	brackets
2 columns	2-19	2
	20-39	3
3 columns	2-14	2
	15-19	3
4 columns	2-16	3
	17-19	3
	20	4
5 columns	2-12	2
	13-15	3
6 columns	2-10	3
	11-13	3

Height 2800

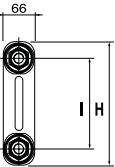
Output Δt 50°C



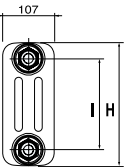
Columns			2	3	4	5	6
Exponent n			1,318	1,305	1,299	1,312	1,324
max. num. of elements			20	20	20	12	10
Lenght (mm)	92	W	408	558	723	854	1.012
Elements (n)	2						
Lenght (mm)	138	W	612	837	1.085	1.281	1.518
Elements (n)	3						
Lenght (mm)	184	W	816	1.116	1.446	1.708	2.024
Elements (n)	4						
Lenght (mm)	230	W	1.020	1.395	1.808	2.136	2.530
Elements (n)	5						
Lenght (mm)	276	W	1.223	1.674	2.170	2.563	3.035
Elements (n)	6						
Lenght (mm)	322	W	1.427	1.953	2.531	2.990	3.541
Elements (n)	7						
Lenght (mm)	368	W	1.631	2.232	2.893	3.417	4.047
Elements (n)	8						
Lenght (mm)	414	W	1.835	2.511	3.254	3.844	4.553
Elements (n)	9						
Lenght (mm)	460	W	2.039	2.790	3.616	4.271	5.059
Elements (n)	10						
Lenght (mm)	506	W	2.243	3.069	3.978	4.698	5.565
Elements (n)	11						
Lenght (mm)	552	W	2.447	3.348	4.339	5.125	6.071
Elements (n)	12						
Lenght (mm)	598	W	2.651	3.627	4.701	5.552	6.577
Elements (n)	13						
Lenght (mm)	644	W	2.855	3.906	5.062	5.979	7.083
Elements (n)	14						
Lenght (mm)	690	W	3.059	4.185	5.424	6.407	7.589
Elements (n)	15						
Lenght (mm)	736	W	3.262	4.464	5.786	6.834	8.094
Elements (n)	16						
Lenght (mm)	782	W	3.466	4.743	6.147	7.261	8.600
Elements (n)	17						
Lenght (mm)	828	W	3.670	5.022	6.509	7.688	9.106
Elements (n)	18						
Lenght (mm)	874	W	3.874	5.301	6.870	8.115	9.612
Elements (n)	19						
Lenght (mm)	920	W	4.078	5.580	7.232	8.542	10.118
Elements (n)	20						

Lenght of the radiator: further 26 mm (plug reductions)

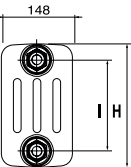
2 COLUMNS



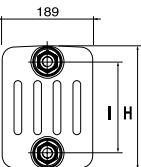
3 COLUMNS



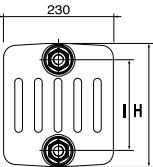
4 COLUMNS



5 COLUMNS



6 COLUMNS



columns	elements	brackets
2 columns	2-19	2
	20-39	3
3 columns	2-14	2
	15-19	3
4 columns	2-16	3
	17-19	4
	20	4
5 columns	2-12	2
6 columns	2-10	3

Height 3000

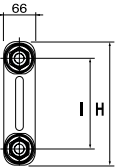
Output Δt 50°C



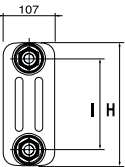
Columns			2	3	4	5	6
Exponent n			1,318	1,303	1,295	1,306	1,322
max. num. of elements			20	20	20	12	10
Lenght (mm)	92	W	436	604	776	919	1.084
Elements (n)	2						
Lenght (mm)	138	W	654	905	1.164	1.378	1.626
Elements (n)	3						
Lenght (mm)	184	W	872	1.207	1.552	1.837	2.168
Elements (n)	4						
Lenght (mm)	230	W	1.090	1.509	1.941	2.297	2.710
Elements (n)	5						
Lenght (mm)	276	W	1.307	1.811	2.329	2.756	3.251
Elements (n)	6						
Lenght (mm)	322	W	1.525	2.113	2.717	3.215	3.793
Elements (n)	7						
Lenght (mm)	368	W	1.743	2.414	3.105	3.674	4.335
Elements (n)	8						
Lenght (mm)	414	W	1.961	2.716	3.493	4.134	4.877
Elements (n)	9						
Lenght (mm)	460	W	2.179	3.018	3.881	4.593	5.419
Elements (n)	10						
Lenght (mm)	506	W	2.397	3.320	4.269	5.052	5.961
Elements (n)	11						
Lenght (mm)	552	W	2.615	3.622	4.657	5.512	6.503
Elements (n)	12						
Lenght (mm)	598	W	2.833	3.923	5.045	5.971	7.045
Elements (n)	13						
Lenght (mm)	644	W	3.051	4.225	5.433	6.430	7.587
Elements (n)	14						
Lenght (mm)	690	W	3.269	4.527	5.822	6.890	8.129
Elements (n)	15						
Lenght (mm)	736	W	3.486	4.829	6.210	7.349	8.670
Elements (n)	16						
Lenght (mm)	782	W	3.704	5.131	6.598	7.808	9.212
Elements (n)	17						
Lenght (mm)	828	W	3.922	5.432	6.986	8.267	9.754
Elements (n)	18						
Lenght (mm)	874	W	4.140	5.734	7.374	8.727	10.296
Elements (n)	19						
Lenght (mm)	920	W	4.358	6.036	7.762	9.186	10.838
Elements (n)	20						

Lenght of the radiator: further 26 mm (plug reductions)

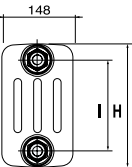
2 COLUMNS



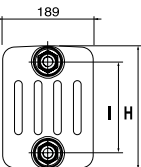
3 COLUMNS



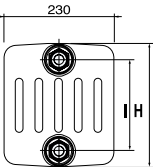
4 COLUMNS



5 COLUMNS



6 COLUMNS



columns	elements	brackets
2 columns	2-19	2
	20-39	3
3 columns	2-14	2
	15-19	3
4 columns	2-16	3
	17-19	4
	20	4
5 columns	2-12	3
6 columns	2-10	3

Multicolonna

Tappings centre Cast Iron rads

Columns	Model	Height H (mm)	Code *	Tapping center I (mm)	Empty weight Kg	Water content L	Max n. of elements	Power Δt 50 °C W	Power Δt 40°C W	Power Δt 30°C W	Power Δt 20°C W	Exp. n
white or coloured												
2	685	685	0Qf020685xyAAC0	615	1,1	0,7	60	50,6	38,1	26,5	15,4	1,266
	885	885	0Qf020885xyAAC0	815	1,4	0,9	60	64,1	48,2	33,4	19,3	1,278
3	685	685	0Qf030685xyAAC0	615	1,6	1,1	55	68,6	51,7	35,9	20,9	1,267
	885	885	0Qf030885xyAAC0	815	2,0	1,3	55	86,9	65,4	45,3	26,3	1,276
4	685	685	0Qf040685xyAAC0	615	2,0	1,4	50	91,8	69,1	47,9	27,8	1,273
	885	885	0Qf040885xyAAC0	815	2,6	1,7	50	117,0	87,9	60,7	35,1	1,284
5	685	685	0Qf050685xyAAC0	615	2,7	1,7	45	109,5	82,2	56,8	32,8	1,285
	885	885	0Qf050885xyAAC0	815	3,4	2,1	45	138,6	103,7	71,3	40,9	1,302
6	685	685	0Qf060685xyAAC0	615	3,2	2,0	40	132,8	99,5	68,6	39,5	1,294
	885	885	0Qf060885xyAAC0	815	4,1	2,5	40	168,3	125,6	86,2	49,3	1,310

*The following must be defined to compile the code correctly: colour (f), number of elements (xy), connections (AA) and configuration (C); for precise details see the Multicolonna Code page and following pages.
*Data per element. Available lengths for each height and output are in the table in the following pages



Columns			2		3		4		5		6	
Height Tappings Centre Max num of Elements			685 615 60	885 815 60	685 615 55	885 815 55	685 615 50	885 815 50	685 615 45	885 815 45	685 615 40	885 815 40
Lenght (mm) Elements (n)	92 2	W	101	128	137	174	184	234	219	277	266	337
Lenght (mm) Elements (n)	138 3	W	152	192	206	261	275	351	329	416	398	505
Lenght (mm) Elements (n)	184 4	W	202	256	274	348	367	468	438	554	531	673
Lenght (mm) Elements (n)	230 5	W	253	321	343	435	459	585	548	693	664	842
Lenght (mm) Elements (n)	276 6	W	304	385	412	521	551	702	657	832	797	1.010
Lenght (mm) Elements (n)	322 7	W	354	449	480	608	643	819	767	970	930	1.178
Lenght (mm) Elements (n)	368 8	W	405	513	549	695	734	936	876	1.109	1.062	1.346
Lenght (mm) Elements (n)	414 9	W	455	577	617	782	826	1.053	986	1.247	1.195	1.515
Lenght (mm) Elements (n)	460 10	W	506	641	686	869	918	1.170	1.095	1.386	1.328	1.683
Lenght (mm) Elements (n)	506 11	W	557	705	755	956	1.010	1.287	1.205	1.525	1.461	1.851
Lenght (mm) Elements (n)	552 12	W	607	769	823	1.043	1.102	1.404	1.314	1.663	1.594	2.020
Lenght (mm) Elements (n)	598 13	W	658	833	892	1.130	1.193	1.521	1.424	1.802	1.726	2.188
Lenght (mm) Elements (n)	644 14	W	708	897	960	1.217	1.285	1.638	1.533	1.940	1.859	2.356
Lenght (mm) Elements (n)	690 15	W	759	962	1.029	1.304	1.377	1.755	1.643	2.079	1.992	2.525
Lenght (mm) Elements (n)	736 16	W	810	1.026	1.098	1.390	1.469	1.872	1.752	2.218	2.125	2.693
Lenght (mm) Elements (n)	782 17	W	860	1.090	1.166	1.477	1.561	1.989	1.862	2.356	2.258	2.861
Lenght (mm) Elements (n)	828 18	W	911	1.154	1.235	1.564	1.652	2.106	1.971	2.495	2.390	3.029
Lenght (mm) Elements (n)	874 19	W	961	1.218	1.303	1.651	1.744	2.223	2.081	2.633	2.523	3.198
Lenght (mm) Elements (n)	920 20	W	1.012	1.282	1.372	1.738	1.836	2.340	2.190	2.772	2.656	3.366
Lenght (mm) Elements (n)	966 21	W	1.063	1.346	1.441	1.825	1.928	2.457	2.300	2.911	2.789	3.534
Lenght (mm) Elements (n)	1012 22	W	1.113	1.410	1.509	1.912	2.020	2.574	2.409	3.049	2.922	3.703
Lenght (mm) Elements (n)	1058 23	W	1.164	1.474	1.578	1.999	2.111	2.691	2.519	3.188	3.054	3.871
Lenght (mm) Elements (n)	1104 24	W	1.214	1.538	1.646	2.086	2.203	2.808	2.628	3.326	3.187	4.039
Lenght (mm) Elements (n)	1150 25	W	1.265	1.603	1.715	2.173	2.295	2.925	2.738	3.465	3.320	4.208
Lenght (mm) Elements (n)	1196 26	W	1.316	1.667	1.784	2.259	2.387	3.042	2.847	3.604	3.453	4.376
Lenght (mm) Elements (n)	1242 27	W	1.366	1.731	1.852	2.346	2.479	3.159	2.957	3.742	3.586	4.544
Lenght (mm) Elements (n)	1288 28	W	1.417	1.795	1.921	2.433	2.570	3.276	3.066	3.881	3.718	4.712
Lenght (mm) Elements (n)	1334 29	W	1.467	1.859	1.989	2.520	2.662	3.393	3.176	4.019	3.851	4.881
Lenght (mm) Elements (n)	1380 30	W	1.518	1.923	2.058	2.607	2.754	3.510	3.285	4.158	3.984	5.049
Lenght (mm) Elements (n)	1426 31	W	1.569	1.987	2.127	2.694	2.846	3.627	3.395	4.297	4.117	5.217
Lenght (mm) Elements (n)	1472 32	W	1.619	2.051	2.195	2.781	2.938	3.744	3.504	4.435	4.250	5.386
Lenght (mm) Elements (n)	1518 33	W	1.670	2.115	2.264	2.868	3.029	3.861	3.614	4.574	4.382	5.554
Lenght (mm) Elements (n)	1564 34	W	1.720	2.179	2.332	2.955	3.121	3.978	3.723	4.712	4.515	5.722
Lenght (mm) Elements (n)	1610 35	W	1.771	2.244	2.401	3.042	3.213	4.095	3.833	4.851	4.648	5.891
Lenght (mm) Elements (n)	1656 36	W	1.822	2.308	2.470	3.128	3.305	4.212	3.942	4.990	4.781	6.059

Lenght of the radiator: further 26 mm (plug reduction)

Multicolonna

Tappings centre Aluminium rads

Columns	Model	Height H (mm)	Code *	Tapping center l (mm)	Empty weight Kg	Water content L	Max n. of elements	Power Δt 50 °C W	Power Δt 40°C W	Power Δt 30°C W	Power Δt 20°C W	Exp. n
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white or coloured

2	570	570	00f020570xyAAC0	500	0,9	0,6	60	42,8	32,3	22,5	13,1	1,259
	670	670	00f020670xyAAC0	600	1,0	0,7	60	49,6	37,4	26,0	15,1	1,265
	770	770	00f020770xyAAC0	700	1,1	0,8	60	56,3	42,4	29,4	17,1	1,271
	870	870	00f020870xyAAC0	800	1,2	0,8	60	63,1	47,4	32,8	19,0	1,278
3	570	570	00f030570xyAAC0	500	1,3	0,9	60	58,0	43,8	30,4	17,8	1,262
	670	670	00f030670xyAAC0	600	1,5	1,0	55	67,2	50,7	35,2	20,5	1,266
	770	770	00f030770xyAAC0	700	1,8	1,1	55	76,3	57,5	39,9	23,2	1,271
	870	870	00f030870xyAAC0	800	1,9	1,2	55	85,5	64,4	44,6	25,9	1,273
4	570	570	00f040570xyAAC0	500	1,7	1,2	60	77,2	58,2	40,4	23,6	1,266
	670	670	00f040670xyAAC0	600	2,0	1,3	50	89,9	67,7	46,9	27,3	1,272
	770	770	00f040770xyAAC0	700	2,3	1,5	50	102,6	77,2	53,4	31,0	1,277
	870	870	00f040870xyAAC0	800	2,4	1,6	50	115,1	86,5	59,9	34,7	1,280
5	570	570	00f050570xyAAC0	500	2,2	1,5	55	92,6	69,7	48,3	28,0	1,276
	670	670	00f050670xyAAC0	600	2,5	1,7	45	107,3	80,6	55,7	32,2	1,284
	770	770	00f050770xyAAC0	700	2,9	1,8	45	121,9	91,3	63,0	36,3	1,293
	870	870	00f050870xyAAC0	800	3,0	1,9	45	136,5	102,2	70,4	40,5	1,297
6	570	570	00f060570xyAAC0	500	2,6	1,7	50	112,1	84,2	58,1	33,6	1,285
	670	670	00f060670xyAAC0	600	3,0	2,0	40	130,1	97,5	67,2	38,7	1,293
	770	770	00f060770xyAAC0	700	3,5	2,2	40	147,9	110,6	76,1	43,7	1,301
	870	870	00f060870xyAAC0	800	3,7	2,3	40	164,3	122,8	84,4	48,3	1,305

* The following must be defined to compile the code correctly: colour (f), number of elements (xy), connections (AA) and configuration (C); for precise details see the Multicolonna Code page and following pages.
*Data per element. Available lenghts for each height and output are in the table in the following pages



COLUMNS			2				3				4				5				6			
Height Tappings Centre Max num of Elements			570 500 60	670 600 60	770 700 60	870 800 60	570 500 60	670 600 55	770 700 55	870 800 55	570 500 60	670 600 50	770 700 50	870 800 50	570 500 55	670 600 45	770 700 45	870 800 45	570 500 50	670 600 40	770 700 40	870 800 40
Lenght (mm)	92	W	86	99	113	126	116	134	153	171	154	180	205	230	185	215	244	273	224	260	296	329
Elements (n)	2																					
Lenght (mm)	138	W	128	149	169	189	174	202	229	257	232	270	308	345	278	322	366	410	336	390	444	493
Elements (n)	3																					
Lenght (mm)	184	W	171	198	225	252	232	269	305	342	309	360	410	460	370	429	488	546	448	520	592	657
Elements (n)	4																					
Lenght (mm)	230	W	214	248	282	316	290	336	382	428	386	450	513	576	463	537	610	683	561	651	740	822
Elements (n)	5																					
Lenght (mm)	276	W	257	298	338	379	348	403	458	513	463	539	616	691	556	644	731	819	673	781	887	986
Elements (n)	6																					
Lenght (mm)	322	W	300	347	394	442	406	470	534	599	540	629	718	806	648	751	853	956	785	911	1.035	1.150
Elements (n)	7																					
Lenght (mm)	368	W	342	397	450	505	464	538	610	684	618	719	821	921	741	858	975	1.092	897	1.041	1.183	1.314
Elements (n)	8																					
Lenght (mm)	414	W	385	446	507	568	522	605	687	770	695	809	923	1.036	833	966	1.097	1.229	1.009	1.171	1.331	1.479
Elements (n)	9																					
Lenght (mm)	460	W	428	496	563	631	580	672	763	855	772	899	1.026	1.151	926	1.073	1.219	1.365	1.121	1.301	1.479	1.643
Elements (n)	10																					
Lenght (mm)	506	W	471	546	619	694	638	739	839	941	849	989	1.129	1.266	1.019	1.180	1.341	1.502	1.233	1.431	1.627	1.807
Elements (n)	11																					
Lenght (mm)	552	W	514	595	676	757	696	806	916	1.026	926	1.079	1.231	1.381	1.111	1.288	1.463	1.638	1.345	1.561	1.775	1.972
Elements (n)	12																					
Lenght (mm)	598	W	556	645	732	820	754	874	992	1.112	1.004	1.169	1.334	1.496	1.204	1.395	1.585	1.775	1.457	1.691	1.923	2.136
Elements (n)	13																					
Lenght (mm)	644	W	599	694	788	883	812	941	1.068	1.197	1.081	1.259	1.436	1.611	1.296	1.502	1.707	1.911	1.569	1.821	2.071	2.300
Elements (n)	14																					
Lenght (mm)	690	W	642	744	845	947	870	1.008	1.145	1.283	1.158	1.349	1.539	1.727	1.389	1.610	1.829	2.048	1.682	1.952	2.219	2.465
Elements (n)	15																					
Lenght (mm)	736	W	685	794	901	1.010	928	1.075	1.221	1.368	1.235	1.438	1.642	1.842	1.482	1.717	1.950	2.184	1.794	2.082	2.366	2.629
Elements (n)	16																					
Lenght (mm)	782	W	728	843	957	1.073	986	1.142	1.297	1.454	1.312	1.528	1.744	1.957	1.574	1.824	2.072	2.321	1.906	2.212	2.514	2.793
Elements (n)	17																					
Lenght (mm)	828	W	770	893	1.013	1.136	1.044	1.210	1.373	1.539	1.390	1.618	1.847	2.072	1.667	1.931	2.194	2.457	2.018	2.342	2.662	2.957
Elements (n)	18																					
Lenght (mm)	874	W	813	942	1.070	1.199	1.102	1.277	1.450	1.625	1.467	1.708	1.949	2.187	1.759	2.039	2.316	2.594	2.130	2.472	2.810	3.122
Elements (n)	19																					
Lenght (mm)	920	W	856	992	1.126	1.262	1.160	1.344	1.526	1.710	1.544	1.798	2.052	2.302	1.852	2.146	2.438	2.730	2.242	2.602	2.958	3.286
Elements (n)	20																					
Lenght (mm)	966	W	899	1.042	1.182	1.325	1.218	1.411	1.602	1.796	1.621	1.888	2.155	2.417	1.945	2.253	2.560	2.867	2.354	2.732	3.106	3.450
Elements (n)	21																					
Lenght (mm)	1012	W	942	1.091	1.239	1.388	1.276	1.478	1.679	1.881	1.698	1.978	2.257	2.532	2.037	2.361	2.682	3.003	2.466	2.862	3.254	3.615
Elements (n)	22																					
Lenght (mm)	1058	W	984	1.141	1.295	1.451	1.334	1.546	1.755	1.967	1.776	2.068	2.360	2.647	2.130	2.468	2.804	3.140	2.578	2.992	3.402	3.779
Elements (n)	23																					
Lenght (mm)	1104	W	1.027	1.190	1.351	1.514	1.392	1.613	1.831	2.052	1.853	2.158	2.462	2.762	2.222	2.575	2.926	3.276	2.690	3.122	3.550	3.943
Elements (n)	24																					
Lenght (mm)	1150	W	1.070	1.240	1.408	1.578	1.450	1.680	1.908	2.138	1.930	2.248	2.565	2.878	2.315	2.683	3.048	3.413	2.803	3.253	3.698	4.108
Elements (n)	25																					
Lenght (mm)	1196	W	1.113	1.290	1.464	1.641	1.508	1.747	1.984	2.223	2.007	2.337	2.668	2.993	2.408	2.790	3.169	3.549	2.915	3.383	3.845	4.272
Elements (n)	26																					
Lenght (mm)	1242	W	1.156	1.339	1.520	1.704	1.566	1.814	2.060	2.309	2.084	2.427	2.770	3.108	2.500	2.897	3.291	3.686	3.027	3.513	3.993	4.436
Elements (n)	27																					
Lenght (mm)	1288	W	1.198	1.389	1.576	1.767	1.624	1.882	2.136	2.394	2.162	2.517	2.873	3.223	2.593	3.004	3.413	3.822	3.139	3.643	4.141	4.600
Elements (n)	28																					
Lenght (mm)	1334	W	1.241	1.438	1.633	1.830	1.682	1.949	2.213	2.480	2.239	2.607	2.975	3.338	2.685	3.112	3.535	3.959	3.251	3.773	4.289	4.765
Elements (n)	29																					
Lenght (mm)	1380	W	1.284	1.488	1.689	1.893	1.740	2.016	2.289	2.565	2.316	2.697	3.078	3.453	2.778	3.219	3.657	4.095	3.363	3.903	4.437	4.929
Elements (n)	30																					
Lenght (mm)	1426	W	1.327	1.538	1.745	1.956	1.798	2.083	2.365	2.651	2.393	2.787	3.181	3.568	2.871	3.326	3.779	4.232	3.475	4.033	4.585	5.093
Elements (n)	31																					
Lenght (mm)	1472	W	1.370	1.587	1.802	2.019	1.856	2.150	2.442	2.736	2.470	2.877	3.283	3.683	2.963	3.434	3.901	4.368	3.587	4.163	4.733	5.258
Elements (n)	32																					
Lenght (mm)	1518	W	1.412	1.637	1.858	2.082	1.914	2.218	2.518	2.822	2.548	2.967	3.386	3.798	3.056	3.541	4.023	4.505	3.699	4.293	4.881	5.422
Elements (n)	33																					
Lenght (mm)	1564	W	1.455	1.686	1.914	2.145	1.972	2.285	2.594	2.907	2.625	3.057	3.488	3.913	3.148	3.648	4.145	4.641	3.811	4.423	5.029	5.586
Elements (n)	34																					
Lenght (mm)	1610	W	1.498	1.736	1.971	2.209	2.030	2.352	2.671	2.993	2.702	3.147	3.591	4.029	3.241	3.756	4.267	4.778	3.924	4.554	5.177	5.751
Elements (n)	35																					
Lenght (mm)	1656	W	1.541	1.786	2.027	2.272	2.088	2.419	2.747	3.078	2.779	3.236	3.694	4.144	3.334	3.863	4.388	4.914	4.036	4.684	5.324	5.915
Elements (n)	36																					

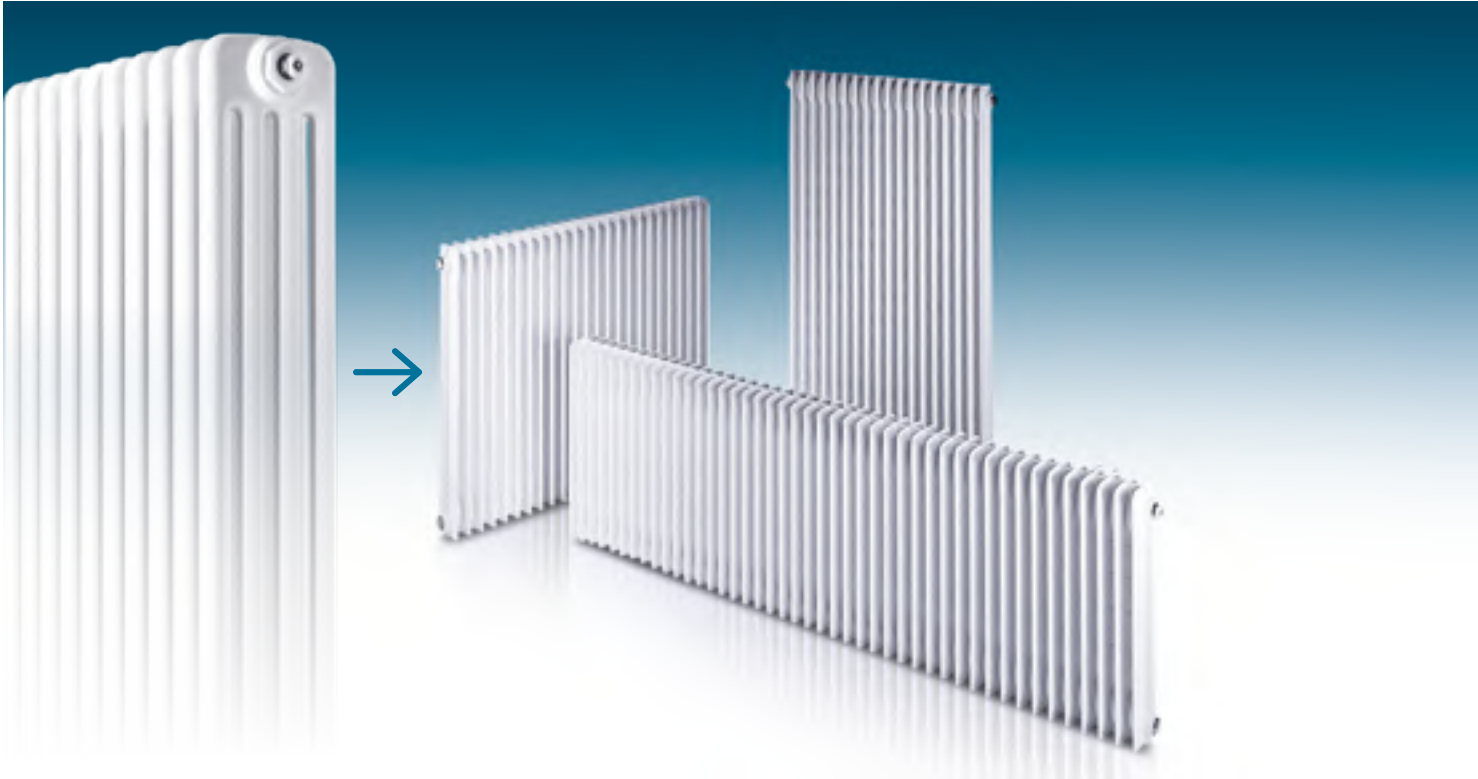
Multicolonna
Tappings centre Lamella

Columns	Model	Height H (mm)	Code *	Tapping center l (mm)	Empty weight Kg	Water content L	Max n. of elements	Power Δt 50 °C W	Resa Δt 40°C W	Power Δt 30°C W	Power Δt 20°C W	Exp. n
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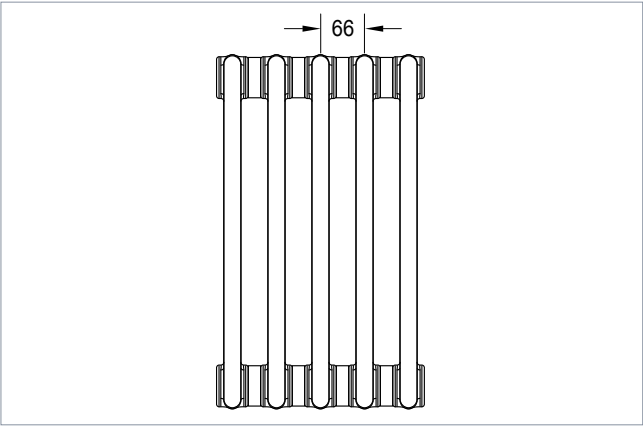
white or coloured

2	400	400	0Qf020400xyAAC0	330	0,6	0,5	60	31,1	23,5	16,4	9,6	1,249
	500	500	0Qf020500xyAAC0	430	0,8	0,6	60	38,0	28,7	20,0	11,7	1,255
	600	600	0Qf020600xyAAC0	530	0,9	0,7	60	44,8	33,8	23,5	13,7	1,261
	800	800	0Qf020800xyAAC0	730	1,2	0,8	60	58,4	43,9	30,5	17,7	1,273
	1.000	1000	0Qf021000xyAAC0	930	1,5	1,0	60	72,1	54,1	37,4	21,6	1,285
3	400	400	0Qf030400xyAAC0	330	0,9	0,7	60	42,3	32,0	22,3	13,1	1,254
	500	500	0Qf030500xyAAC0	430	1,2	0,8	60	51,6	39,0	27,1	15,9	1,258
	600	600	0Qf030600xyAAC0	530	1,4	1,0	60	60,8	45,9	31,9	18,6	1,263
	800	800	0Qf030800xyAAC0	730	1,8	1,2	55	79,1	59,5	41,3	24,0	1,272
	1.000	1000	0Qf031000xyAAC0	930	2,3	1,4	55	97,4	73,2	50,6	29,3	1,281
4	400	400	0Qf040400xyAAC0	330	1,2	0,9	60	55,5	41,9	29,2	17,1	1,257
	500	500	0Qf040500xyAAC0	430	1,5	1,1	60	68,3	51,5	35,8	20,9	1,263
	600	600	0Qf040600xyAAC0	530	1,8	1,2	60	81,1	61,1	42,4	24,7	1,268
	800	800	0Qf040800xyAAC0	730	2,4	1,6	50	106,3	79,9	55,3	32,1	1,279
	1.000	1000	0Qf041000xyAAC0	930	2,9	1,9	50	131,5	98,6	68,0	39,2	1,290
5	400	400	0Qf050400xyAAC0	330	1,6	1,2	55	67,2	50,7	35,3	20,6	1,261
	500	500	0Qf050500xyAAC0	430	1,9	1,4	55	82,2	61,9	43,0	25,0	1,270
	600	600	0Qf050600xyAAC0	530	2,3	1,6	55	97,0	72,9	50,5	29,3	1,278
	800	800	0Qf050800xyAAC0	730	3,1	1,9	45	126,3	94,6	65,2	37,5	1,295
	1.000	1000	0Qf051000xyAAC0	930	3,7	2,3	45	155,4	116,0	79,5	45,4	1,312
6	400	400	0Qf060400xyAAC0	330	1,9	1,3	50	81,0	61,0	42,3	24,6	1,270
	500	500	0Qf060500xyAAC0	430	2,3	1,6	50	99,4	74,7	51,7	30,0	1,278
	600	600	0Qf060600xyAAC0	530	2,7	1,8	50	117,5	88,2	60,9	35,1	1,287
	800	800	0Qf060800xyAAC0	730	3,8	2,3	40	153,3	114,6	78,8	45,2	1,303
	1.000	1000	0Qf061000xyAAC0	930	4,4	2,8	40	188,6	140,5	96,1	54,8	1,319

*The following must be defined to compile the code correctly: colour (f), number of elements (xy), connections (AA) and configuration (C); for precise details see the Multicolonna Code page and following pages.
*Data per element. Available lenghts for each height and output are in the table in the following pages



Columns	2					3					4					5					6				
Height Tappings Centre Max num of Elements	400 330	500 430	600 530	800 730	1.000 930	400 330	500 430	600 530	800 730	1.000 930	400 330	500 430	600 530	800 730	1.000 930	400 330	500 430	600 530	800 730	1.000 930	400 330	500 430	600 530	800 730	1.000 930
Lenght (mm) Elements (n)	92 2	W 62	76 90	117 144	144 185	103 122	158 195	195 237	237 292	292 362	111 137	137 162	162 213	213 263	263 334	134 164	164 194	194 253	253 311	311 382	162 199	199 235	235 307	307 377	377 466
Lenght (mm) Elements (n)	138 3	W 93	114 134	175 216	216 267	155 182	182 223	223 274	274 335	335 406	167 205	205 243	243 294	294 355	355 426	202 247	247 291	291 339	339 387	387 456	243 298	298 353	353 407	407 460	460 526
Lenght (mm) Elements (n)	184 4	W 124	152 179	233 288	288 343	169 206	206 243	243 295	295 350	350 407	222 273	273 324	324 375	375 426	426 477	269 329	329 388	388 445	445 505	505 562	324 398	398 470	470 543	543 613	613 674
Lenght (mm) Elements (n)	230 5	W 156	190 224	292 361	361 430	212 258	258 304	304 355	355 407	407 462	278 342	342 406	406 462	462 518	518 574	336 411	411 485	485 555	555 625	625 695	405 497	497 588	588 666	666 743	743 819
Lenght (mm) Elements (n)	276 6	W 187	228 269	350 433	433 516	254 310	310 365	365 424	424 484	484 544	333 410	410 487	487 563	563 639	639 715	403 493	493 582	582 671	671 758	758 845	486 596	596 705	705 820	820 920	920 1.032
Lenght (mm) Elements (n)	322 7	W 218	266 314	408 505	505 602	296 361	361 426	426 493	493 560	560 627	389 478	478 568	568 644	644 721	721 798	470 575	575 679	679 784	784 889	889 994	567 696	696 823	823 949	949 1.073	1.073 1.200
Lenght (mm) Elements (n)	368 8	W 249	304 358	467 577	577 687	338 413	413 486	486 563	563 640	640 717	444 546	546 649	649 751	751 854	854 957	538 658	658 776	776 894	894 1.010	1.010 1.126	648 795	795 940	940 1.076	1.076 1.212	1.212 1.348
Lenght (mm) Elements (n)	414 9	W 280	342 403	525 649	649 773	381 464	464 547	547 630	630 713	713 796	500 615	615 730	730 845	845 960	960 1.075	605 740	740 873	873 1.006	1.006 1.139	1.139 1.272	729 895	895 1.058	1.058 1.221	1.221 1.384	1.384 1.547
Lenght (mm) Elements (n)	460 10	W 311	380 448	584 721	721 858	423 516	516 608	608 701	701 794	794 887	555 683	683 811	811 939	939 1.067	1.067 1.195	672 822	822 970	970 1.118	1.118 1.266	1.266 1.414	810 994	994 1.175	1.175 1.350	1.350 1.525	1.525 1.700
Lenght (mm) Elements (n)	506 11	W 342	418 493	642 793	793 944	465 568	568 669	669 770	770 871	871 972	611 751	751 892	892 1.032	1.032 1.172	1.172 1.312	739 904	904 1.067	1.067 1.234	1.234 1.401	1.401 1.568	891 1.093	1.093 1.293	1.293 1.493	1.493 1.693	1.693 1.893
Lenght (mm) Elements (n)	552 12	W 373	456 538	700 865	865 1.030	508 619	619 730	730 841	841 952	952 1.063	666 820	820 973	973 1.126	1.126 1.279	1.279 1.432	806 986	986 1.164	1.164 1.342	1.342 1.520	1.520 1.698	972 1.193	1.193 1.410	1.410 1.627	1.627 1.844	1.844 2.061
Lenght (mm) Elements (n)	598 13	W 404	494 582	759 937	937 1.114	550 671	671 790	790 909	909 1.028	1.028 1.147	722 888	888 1.054	1.054 1.219	1.219 1.384	1.384 1.549	874 1.069	1.069 1.261	1.261 1.453	1.453 1.645	1.645 1.837	1.053 1.292	1.292 1.528	1.528 1.764	1.764 2.000	2.000 2.236
Lenght (mm) Elements (n)	644 14	W 435	532 627	817 1.009	1.009 1.201	592 722	722 851	851 980	980 1.109	1.109 1.238	777 956	956 1.135	1.135 1.314	1.314 1.493	1.493 1.672	941 1.151	1.151 1.358	1.358 1.565	1.565 1.772	1.772 1.979	1.134 1.392	1.392 1.645	1.645 1.898	1.898 2.151	2.151 2.404
Lenght (mm) Elements (n)	690 15	W 467	570 672	875 1.082	1.082 1.289	635 774	774 912	912 1.050	1.050 1.189	1.189 1.328	811 999	999 1.180	1.180 1.369	1.369 1.558	1.558 1.747	1.008 1.233	1.233 1.455	1.455 1.677	1.677 1.899	1.899 2.121	1.215 1.491	1.491 1.763	1.763 2.035	2.035 2.307	2.307 2.579
Lenght (mm) Elements (n)	736 16	W 498	608 717	934 1.154	1.154 1.369	677 826	826 973	973 1.120	1.120 1.269	1.269 1.418	846 1.033	1.033 1.222	1.222 1.411	1.411 1.600	1.600 1.789	1.075 1.315	1.315 1.552	1.552 1.789	1.789 2.026	2.026 2.263	1.296 1.590	1.590 1.880	1.880 2.170	2.170 2.460	2.460 2.750
Lenght (mm) Elements (n)	782 17	W 529	646 762	992 1.226	1.226 1.463	719 877	877 1.034	1.034 1.191	1.191 1.348	1.348 1.505	877 1.066	1.066 1.265	1.265 1.464	1.464 1.663	1.663 1.862	1.142 1.397	1.397 1.649	1.649 1.901	1.901 2.153	2.153 2.405	1.377 1.690	1.690 1.998	1.998 2.306	2.306 2.614	2.614 2.922
Lenght (mm) Elements (n)	828 18	W 560	684 806	1.050 1.298	1.298 1.546	761 929	929 1.094	1.094 1.259	1.259 1.416	1.416 1.573	909 1.099	1.099 1.278	1.278 1.457	1.457 1.636	1.636 1.815	1.210 1.480	1.480 1.746	1.746 2.012	2.012 2.278	2.278 2.544	1.458 1.789	1.789 2.115	2.115 2.441	2.441 2.767	2.767 3.093
Lenght (mm) Elements (n)	874 19	W 591	722 851	1.109 1.370	1.370 1.631	804 980	980 1.155	1.155 1.334	1.334 1.513	1.513 1.692	946 1.135	1.135 1.324	1.324 1.513	1.513 1.702	1.702 1.891	1.257 1.562	1.562 1.843	1.843 2.124	2.124 2.405	2.405 2.686	1.539 1.889	1.889 2.233	2.233 2.577	2.577 2.921	2.921 3.265
Lenght (mm) Elements (n)	920 20	W 622	760 896	1.167 1.442	1.442 1.717	846 1.032	1.032 1.216	1.216 1.400	1.400 1.584	1.584 1.768	988 1.180	1.180 1.373	1.373 1.566	1.566 1.759	1.759 1.952	1.304 1.644	1.644 1.984	1.984 2.324	2.324 2.664	2.664 3.004	1.620 1.988	1.988 2.350	2.350 2.712	2.712 3.074	3.074 3.436
Lenght (mm) Elements (n)	966 21	W 653	798 941	1.225 1.514	1.514 1.803	888 1.084	1.084 1.277	1.277 1.470	1.470 1.663	1.663 1.856	1.024 1.227	1.227 1.430	1.430 1.633	1.633 1.836	1.836 2.039	1.411 1.726	1.726 2.037	2.037 2.348	2.348 2.659	2.659 2.970	1.701 2.087	2.087 2.468	2.468 2.849	2.849 3.230	3.230 3.611
Lenght (mm) Elements (n)	1012 22	W 684	836 986	1.284 1.586	1.586 1.888	931 1.135	1.135 1.338	1.338 1.541	1.541 1.744	1.744 1.947	1.221 1.433	1.433 1.645	1.645 1.857	1.857 2.069	2.069 2.281	1.478 1.808	1.808 2.134	2.134 2.460	2.460 2.786	2.786 3.112	1.782 2.187	2.187 2.585	2.585 2.983	2.983 3.381	3



Multicolonna Clinic is particularly easy to clean thanks to the bigger distance between elements (tappings centre 66 mm) and is recommended for places where a healthy environment is a fundamental requirement.

Total length Multicolonna Clinic = (number of elements -1) x 66mm + 46 mm + 26mm side connections

Data per element

Columns	Model	Code *	Height H (mm)	Tapping center l (mm)	Empty weight Kg	Water content L	Max n. of elements	Power Δt 50 °C W	Resa Δt 40°C W	Power Δt 30°C W	Power Δt 20°C W	Exp. n
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white or coloured

2	300	0QfH20300xyAAC0	230	41	0,6	0,5	41	27,2	20,6	14,4	8,5	1,243
	400	0QfH20400xyAAC0	330	41	0,7	0,6	41	34,1	25,8	18,1	10,6	1,242
	500	0QfH20500xyAAC0	430	41	0,9	0,7	41	41,0	30,9	21,5	12,5	1,265
	600	0QfH20600xyAAC0	530	41	1,0	0,8	41	47,8	36,1	25,2	14,7	1,254
	685	0QfH20685xyAAC0	615	41	1,1	0,8	41	54,1	40,8	28,4	16,6	1,260
	750	0QfH20750xyAAC0	680	41	1,2	0,9	41	59,0	44,5	30,9	18,0	1,265
	800	0QfH20800xyAAC0	730	41	1,2	0,8	41	63,1	47,6	33,1	19,3	1,264
	885	0QfH20885xyAAC0	815	41	1,5	1,0	41	69,9	52,7	36,7	21,4	1,262
	900	0QfH20900xyAAC0	830	41	1,5	1,0	41	71,1	53,6	37,3	21,8	1,262
	1.000	0QfH21000xyAAC0	930	41	1,6	1,1	41	79,2	59,8	41,7	24,4	1,257
	1.200	0QfH21200xyAAC0	1130	20	1,9	1,2	20	95,0	71,6	49,7	28,9	1,268
	1.500	0QfH21500xyAAC0	1430	20	2,3	1,5	20	119,3	89,5	61,7	35,6	1,290
3	1.800	0QfH21800xyAAC0	1730	20	2,7	1,7	20	144,2	107,7	73,9	42,3	1,309
	2.000	0QfH22000xyAAC0	1930	20	3,0	1,8	20	162,2	121,1	83,1	47,5	1,309
	2.200	0QfH22200xyAAC0	2130	20	3,3	2,0	20	180,0	134,4	92,2	52,7	1,310
	2.500	0QfH22500xyAAC0	2430	13	3,7	2,2	13	207,2	155,0	106,6	61,2	1,301
	2.800	0QfH22800xyAAC0	2730	13	4,1	2,4	13	235,4	176,1	121,2	69,6	1,300
	3.000	0QfH23000xyAAC0	2930	13	4,4	2,5	13	252,8	189,6	130,8	75,4	1,290
	300	0QfH30300xyAAC0	230	41	0,8	0,7	41	37,0	28,0	19,5	11,4	1,256
	400	0QfH30400xyAAC0	330	41	1,0	0,8	41	46,5	35,1	24,4	14,2	1,264
	500	0QfH30500xyAAC0	430	41	1,3	0,9	41	55,7	42,1	29,3	17,1	1,257
	600	0QfH30600xyAAC0	530	41	1,5	1,0	41	65,0	49,2	34,4	20,2	1,246
	685	0QfH30685xyAAC0	615	38	1,7	1,2	38	73,3	55,4	38,7	22,7	1,252
	750	0QfH30750xyAAC0	680	38	1,8	1,2	38	79,6	60,1	41,9	24,5	1,256
4	800	0QfH30800xyAAC0	730	38	1,8	1,2	38	85,2	64,3	44,8	26,2	1,258
	885	0QfH30885xyAAC0	815	38	2,2	1,4	38	94,5	71,4	49,7	29,0	1,259
	900	0QfH30900xyAAC0	830	38	2,2	1,4	38	96,1	72,6	50,5	29,5	1,259
	1.000	0QfH31000xyAAC0	930	38	2,4	1,5	38	107,0	80,6	56,0	32,6	1,268
	1.200	0QfH31200xyAAC0	1130	20	2,8	1,7	20	128,9	97,0	67,3	39,1	1,272
	1.500	0QfH31500xyAAC0	1430	20	3,4	2,1	20	161,6	121,5	84,1	48,7	1,279
	1.800	0QfH31800xyAAC0	1730	20	4,1	2,4	20	196,2	147,1	101,5	58,5	1,290
	2.000	0QfH32000xyAAC0	1930	20	4,5	2,6	20	220,8	165,6	114,2	65,9	1,290
	2.200	0QfH32200xyAAC0	2130	20	4,9	2,9	20	245,3	183,5	126,3	72,5	1,300
	2.500	0QfH32500xyAAC0	2430	13	5,4	3,3	13	282,9	211,7	145,6	83,6	1,300
	2.800	0QfH32800xyAAC0	2730	13	6,1	3,7	13	322,1	241,0	165,9	95,3	1,299
	3.000	0QfH33000xyAAC0	2930	13	6,5	3,9	13	350,1	261,9	180,2	103,5	1,300

* The following must be defined to compile the code correctly: colour {f}, number of elements {xy}, connections {AA} and configuration {C}; for precise details see the Multicolonna Code page and following pages.

Columns	Model	Height H (mm)	Code *	Tapping center l (mm)	Empty weight Kg	Water content L	Max n. of elements	Power Δt 50 °C W	Resa Δt 40°C W	Power Δt 30°C W	Power Δt 20°C W	Exp. n
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white or coloured

5	300	0QfH40300xyAAC0	230	41	1,0	0,9	41	46,5	35,0	24,3	14,1	1,269
	400	0QfH40400xyAAC0	330	41	1,3	1,0	41	60,5	45,6	31,6	18,4	1,271
	500	0QfH40500xyAAC0	430	41	1,6	1,2	41	73,7	55,7	38,8	22,7	1,256
	600	0QfH40600xyAAC0	530	41	1,9	1,3	41	86,8	65,7	45,8	26,9	1,251
	685	0QfH40685xyAAC0	615	34	2,1	1,5	34	98,2	74,2	51,7	30,2	1,257
	750	0QfH40750xyAAC0	680	34	2,3	1,6	34	107,0	80,8	56,2	32,8	1,261
	800	0QfH40800xyAAC0	730	34	2,4	1,6	34	114,6	86,4	60,0	35,0	1,266
	885	0QfH40885xyAAC0	815	34	2,7	1,8	34	127,3	95,9	66,5	38,7	1,270
	900	0QfH40900xyAAC0	830	34	2,7	1,8	34	129,6	97,6	67,7	39,4	1,271
	1.000	0QfH41000xyAAC0	930	34	3,0	2,0	34	144,7	108,7	75,2	43,5	1,281
	1.200	0QfH41200xyAAC0	1130	20	3,6	2,3	20	173,8	130,1	89,5	51,4	1,299
	1.500	0QfH41500xyAAC0	1430	20	4,5	2,8	20	217,6	162,1	110,9	63,2	1,319
6	1.800	0QfH41800xyAAC0	1730	20	5,4	3,2	20	262,4	194,6	132,4	74,8	1,339
	2.000	0QfH42000xyAAC0	1930	20	5,9	3,5	20	293,9	218,4	149,0	84,4	1,330
	2.200	0QfH42200xyAAC0	2130	20	6,4	3,8	20	324,6	241,8	165,4	94,1	1,320
	2.500	0QfH42500xyAAC0	2430	13	7,2	4,3	13	370,6	276,7	189,8	108,5	1,310
	2.800	0QfH42800xyAAC0	2730	13	7,9	4,8	13	417,6	312,4	215,0	123,4	1,300
	3.000	0QfH43000xyAAC0	2930	13	8,5	5,1	13	450,3	337,6	232,9	134,2	1,291
	300	0QfH50300xyAAC0	230	38	1,3	1,1	38	55,5	42,0	29,3	17,2	1,251
	400	0QfH50400xyAAC0	330	38	1,7	1,3	38	71,9	54,4	38,0	22,3	1,248
	500	0QfH50500xyAAC0	430	38	2,0	1,5	38	87,9	66,5	46,5	27,3	1,247
	600	0QfH50600xyAAC0	530	38	2,4	1,7	38	103,8	78,5	54,8	32,1	1,250
	685	0QfH50685xyAAC0	615	31	2,7	1,8	31	117,1	88,5	61,7	36,1	1,255
	750	0QfH50750xyAAC0	680	31	2,9	1,9	31	127,2	96,1	66,9	39,1	1,258
7	800	0QfH50800xyAAC0	730	31	3,1	1,9	31	136,1	102,6	71,3	41,6	1,265
	885	0QfH50885xyAAC0	815	31	3,4	2,2	31	151,0	113,7	78,9	45,9	1,271
	900	0QfH50900xyAAC0	830	31	3,4	2,2	31	153,6	115,6	80,2	46,6	1,272
	1.000	0QfH51000xyAAC0	930	31	3,8	2,4	31	170,9	128,7	89,3	51,9	1,270
	1.200	0QfH51200xyAAC0	1130	20	4,5	2,8	20	204,8	154,2	107,0	62,2	1,271
	1.500	0QfH51500xyAAC0	1430	17	5,6	3,4	17	255,9	192,3	133,0	77,0	1,281
	1.800	0QfH51800xyAAC0	1730	17	6,6	4,0	17	308,4	231,8	160,4	92,9	1,280
	2.000	0QfH52000xyAAC0	1930	17	7,3	4,4	17	345,2	259,5	179,6	104,0	1,279
	2.200	0QfH52200xyAAC0	2130	10	8,0	4,8	10	381,6	286,8	198,4	114,9	1,280
	2.500	0QfH52500xyAAC0	2430	10	9,1	5,4	10	436,7	327,5	225,9	130,3	1,290
	2.800	0QfH52800xyAAC0	2730	8	10,2	6,0	8	493,3	369,9	255,2	147,2	1,290
	3.000	0QfH53000xyAAC0	2930	8	10,9	6,3	8	532,7	399,5	275,8	159,1	1,289
8	300	0QfH60300xyAAC0	230	34	1,6	1,2	34	66,7	50,3	34,9	20,3	1,269
	400	0QfH60400xyAAC0	330	34	2,0	1,4	34	86,7	65,3	45,3	26,4	1,270
	500	0QfH60500xyAAC0	430	34	2,4	1,7	34	106,5	80,2	55,6	32,3	1,272
	600	0QfH60600xyAAC0	530	34	2,8	1,9	34	125,7	94,9	66,0	38,5	1,261
	685	0QfH60685xyAAC0	615	27	3,1	2,1	27	142,1	107,0	74,2	43,1	1,273
	750	0QfH60750xyAAC0	680	27	3,5	2,3	27	154,6	116,1	80,3	46,5	1,282
	800	0QfH60800xyAAC0	730	27	3,8	2,3	27	165,2	124,0	85,6	49,5	1,286
	885	0QfH60885xyAAC0	815	27	4,0	2,6	27	183,1	137,3	94,8	54,7	1,289
	900	0QfH60900xyAAC0	830	27	4,1	2,6	27	186,3	139,7	96,4	55,6	1,290
	1.000	0QfH61000xyAAC0	930	27	4,5	2,9	27	207,6	155,3	106,8	61,3	1,301
	1.200	0QfH61200xyAAC0	1130	20	5,3	3,4	20	248,3	185,0	126,6	72,1	1,319
	1.500	0QfH61500xyAAC0	1430	13	6,6	4,1	13	309,4	230,0	156,9	89,0	1,329
	1.800	0QfH61800xyAAC0	1730	13	7,8	4,8	13	371,6	276,2	188,4	106,8	1,330
9	2.000	0QfH62000xyAAC0	1930	10	8,7	5,3	10	414,9	308,4	210,4	119,3	1,329
	2.200	0QfH62200xyAAC0	2130	9	9,6	5,8	9	457,0	339,6	231,7	131,3	1,330
	2.500	0QfH62500xyAAC0	2430	9	10,9	6,5	9	520,3	386,7	263,8	149,5	1,330
	2.800	0QfH62800xyAAC0	2730	6	12,2	7,2	6	584,3	435,2	297,7	169,5	1,320
	3.000	0QfH63000xyAAC0	2930	6	13,4	7,8	6	628,6	468,0	320,0	182,0	1,322

* The following must be defined to compile the code correctly: colour {f}, number of elements {xy}, connections {AA} and configuration {C}; for precise details see the Multicolonna Code page and following pages.

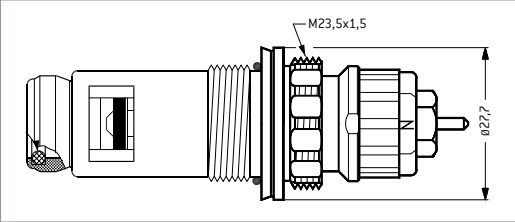
Multicolonna with valve



This version allows the flow of water in the radiator to be controlled automatically according to the required room temperature, thanks to installation during production of a Danfoss thermostatic valve designed for mounting a thermostatic head.

The drawings alongside show the possibilities for connection and the possible positions for the valve and thermostatic head in the top or bottom part of the radiator.

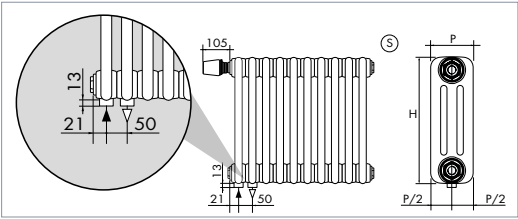
Multicolonna with valve has 3/4" connections with external thread for Eurocones - tappings centre 50 mm



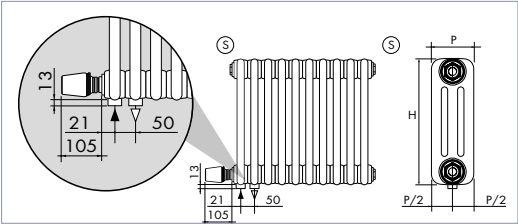
Pressure drop and valve regulation

The setting for the thermostatic insert is obtained from the flow rate Q diagrams (expressed in kg/h) - Pressure drop p (expressed in bars or kPa). Starting from the set in the system and the power of the radiator (EN442 standard output), the intersection with the pressure drop value on the X axis determines the nearest kv at which to set the insert (for example: position 3 or 4). Radiators with valve are provided with the insert in the N position (valve fully open). Instructions on adjusting the thermostatic insert are provided with every Multicolonna radiator.

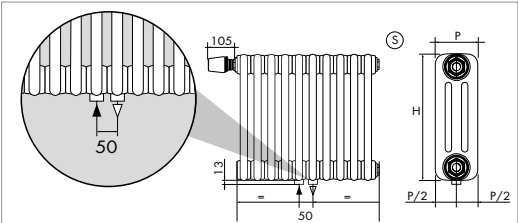
ATTENTION
Multicolonna With valve MUST NOT be tested when the integrated valve is closed, unless the piston could crack.



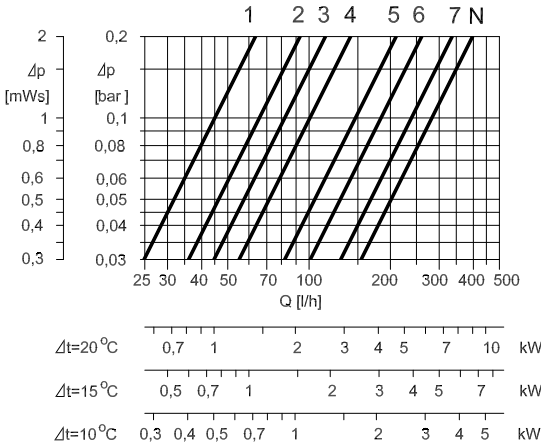
Version with top valve.
Multicolonna with upper valve has got an already mounted air vent.



Version with bottom valve.
Two air vent valves (S) must be installed.



Version with top or bottom valve and centre-connection.
Multicolonna with upper valve has got an already mounted air vent.



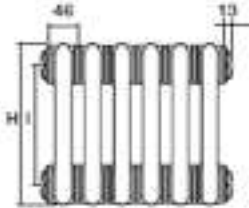
The following must be defined to compile the purchase code: colour {f}, number of elements {xy}, for details see the Multicolonna Code page and following pages.

In the case of Multicolonna with valve, neither the configuration (Possible Configurations page) or the Connections (Connections page) can be determined, but only the position of the valve (top or bottom) and the 50 mm tappings centre connection (side or centre) according to the following table:

Multicolonna with valve

Thermostatic head is to be ordered separately

Code	Position of the valve
0Qf1chhhhxy0000	with integrated top valve
0Qf2chhhhxy0000	with integrated bottom valve
0Qf1chhhhxy00M0	with integrated top valve (central connection 50 mm)
0Qf2chhhhxy00M0	with integrated bottom valve (central connection 50 mm)



Clinic Multicolonna with valve

The Clinic version is available on demand. The gap between the elements (66 mm) is wider than the normal version, in order to make the cleaning easier. The max. number of elements of Clinic with valve is the same of Multicolonna Clinic standard. Thermostatic head is to be ordered separately.

Code	Position of the valve
0Qf3chhhhxy0000	with integrated top valve
0Qf4chhhhxy0000	with integrated bottom valve
0Qf3chhhhxy00M0	with integrated top valve (centre connection 50 mm)
0Qf4chhhhxy00M0	with integrated bottom valve (centre connection 50 mm)



Multicolonna with valve Accessories

	Code	Description
	5580124500	H valve 90° 50 mm connections 3/4" F - 3/4" EK
	5580124600	H valve straight 50 mm connections 3/4" F - 3/4" EK
	5580104900	Thermostatic head (M23,5x1,5)
	5580127700 chromed	Thermostatic head
	5580127500 black 5580127600 white	Thermostatic head

Multicolonna

Multicolonna code

Colour
0= white RAL 9016
1= coloured (please specify the colour in the order)

Columns
2-3-4-5-6

Number of elements
Example: 03, 14, 22
to obtain the length of the Multicolonna (see lengths and max. number of elements orderable for single batteries in the columns lengths/heights tables)

Configuration
Example:
0
4
M
...
(see page "Configurations")

OQ F M C hhhh EE AA C O

Model 0,1,2,3,4,6,7,8,9
A,B,C,R,D,P
(see the table below)

Height (mm)
Example:
0300
0400
0500
1000
...

Connections
(code representing the combination of connections for Multicolonna with side connections)
00
99
84
...
(see *Connections page*)

Multicolonna
0 for Multicolonna DL RADIATORS
1 for Multicolonna neutral

Models
position on the code: OQF**M**ChhhhEEAACO

Standard, with valve, clinic Multicolonna

Code	Model
0	standard - without integrated valve
1	with integrated valve - top
2	with integrated valve - bottom
3	Clinic with integrated valve - top
4	Clinic with integrated valve - bottom

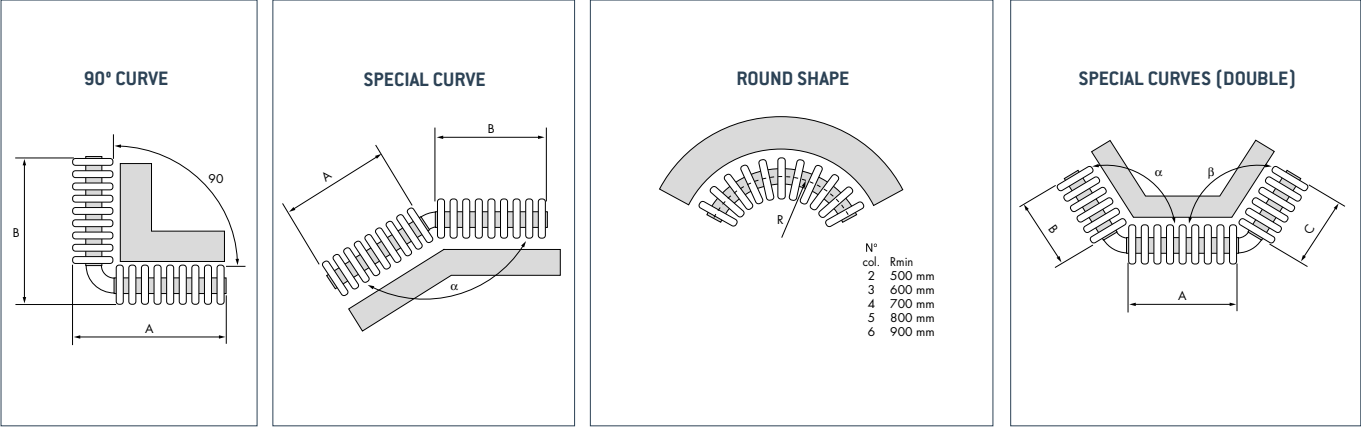
Multicolonna with district heating valve

Code	Model
6	upper valve
7	lower valve
8	Hygiene upper valve
9	Hygiene lower valve

Special Versions (a drawing is always needed)

Code	Model
A	90° corner°
B	corner - upper valve
C	corner - lower valve
R	arch esecution
D	drawing (other special versions)
P	version with above-lying bench

The following drawings show some examples of angled and curved executions, which are available on request, accompanied by a customer's drawing.



Connections

position on the code: OQfmchhhhee**AA**cO

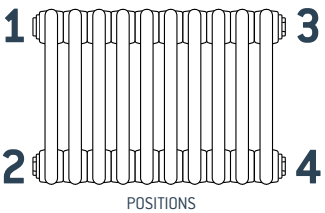
Combination of side connections for the 0, 1, 2, 3, 4 configurations.
The A, B, C, D, E, F, G, M configurations can have only the connections indicated on the "Possible configurations" page with blind caps at the sides.

By connection with at least 1/2" riduction, one blind cap is included in the packing.

— in the connection 88 and 84 one blind cap is included in the packing.

By connections with no 1/2" reduction:

— no blind cap
(3/8" blind cap is available in the "Accessories" page. Only in the connection 88 and 84 one blind cap is included in the packing).



00 1/2" 1/2" 1/2" 1/2"	99 1" 1/4 1" 1/4 1" 1/4 1" 1/4	80 3/8" 1/2" 3/8" 3/8"	88 3/8" 3/8" 3/8" 3/8"
24 1/4" 1/2" 1/2" 1/2"	09 1/2" 3/8" 1/2" 1/2"	03 1/2" 1/2" 3/4" 1/2"	48 1/2" 3/8" 1/4" 3/8"
84 1/4" 3/8" 3/8" 3/8"	82 3/8" 1/2" 3/8" 1/2"	23 1/2" 1/4" 1/2" 1/2"	32 3/4" 1/2" 3/4" 1/2"
07 1/2" 1/2" 3/8" 1/2"	34 1/2" 1/2" 3/4" 3/4"	33 3/4" 3/4" 3/4" 3/4"	26 1/4" 1/2" 3/4" 1/2"
01 1/2" 1/2" 1" 1/2"	04 1/2" 1/2" 1/2" 1" 1/4	28 1/2" 1/2" 3/8" 3/8"	83 1/2" 3/8" 3/8" 3/8"

Other connections are available on request with 1/4", 3/8", 1/2", 3/4" and 1"1/4 connections or 1/2" blind caps.

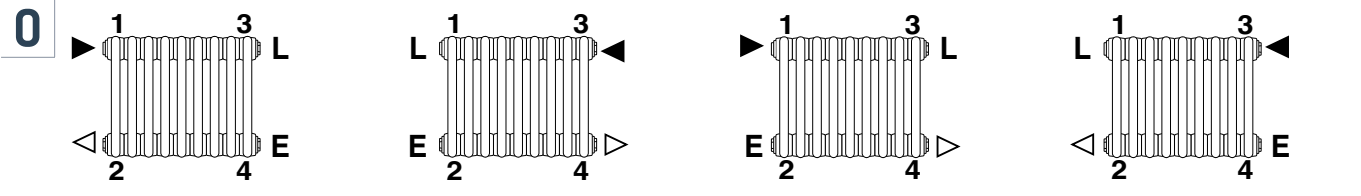
For combinations of connections other than those listed here, it is important to specify in the order which connection is required and in which position (pos. 1, pos. 2, pos. 3, pos. 4).

In the case Configuration 0 (that is, without flow deflectors, see following page) the Multicolonna is completely turnable - the connections shown in this page could be turned by 180° horizontally and vertically.

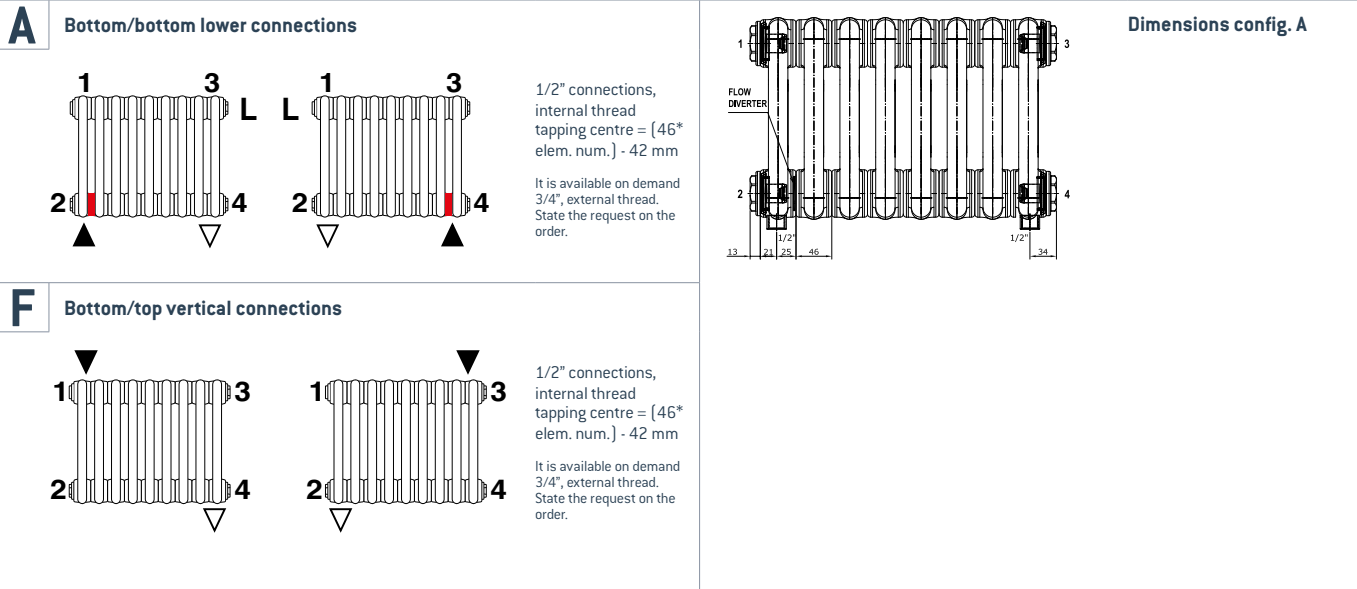
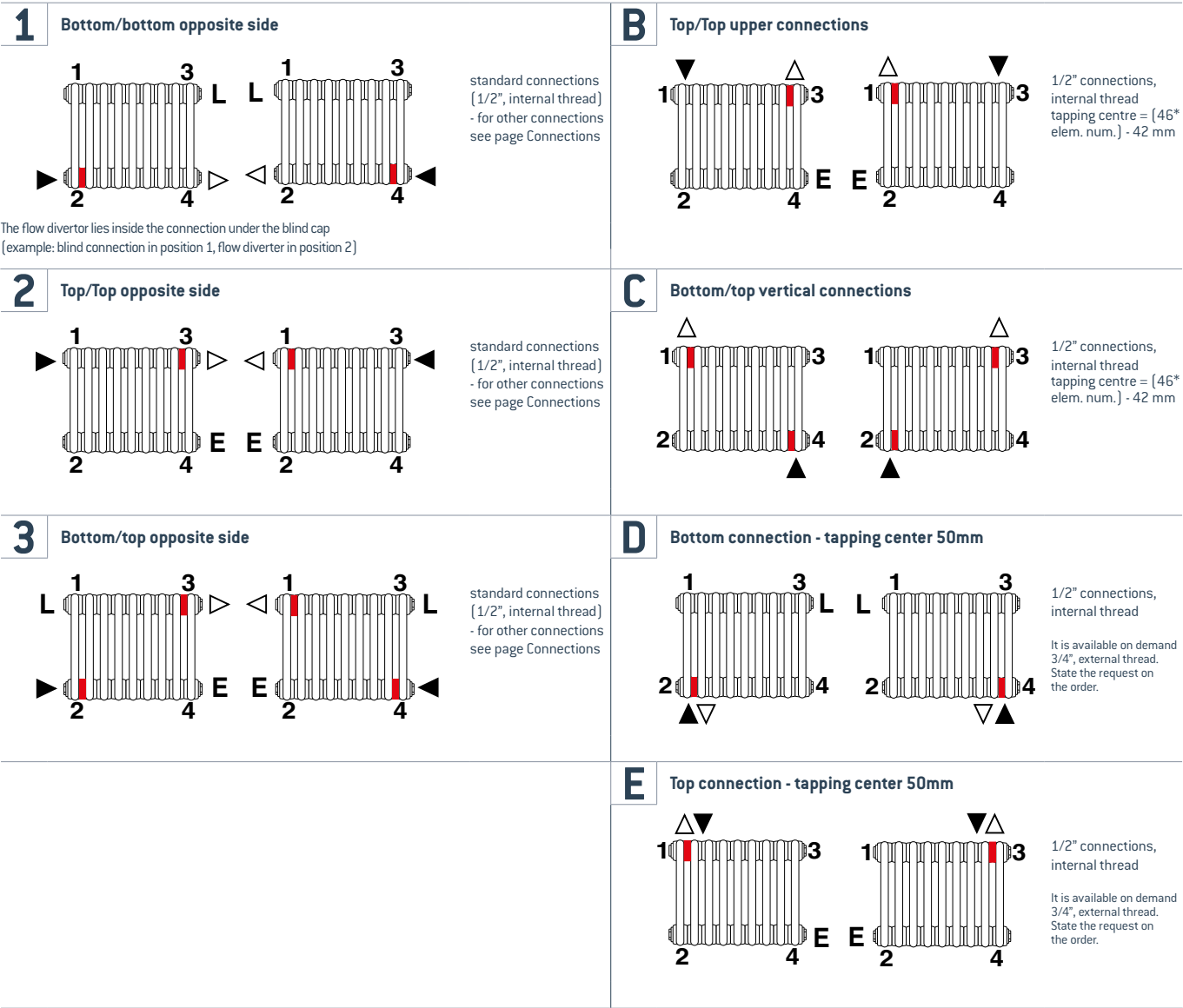
position on the code: 0QFMChhhhEEAA**C**0

- L = Venting
- E = Draining
- Flow divertor
- Water input
- Water output

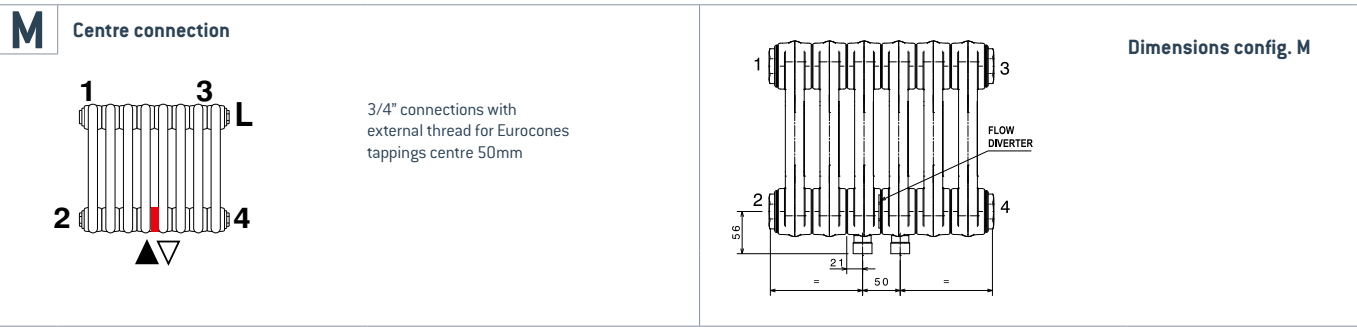
Standard configuration



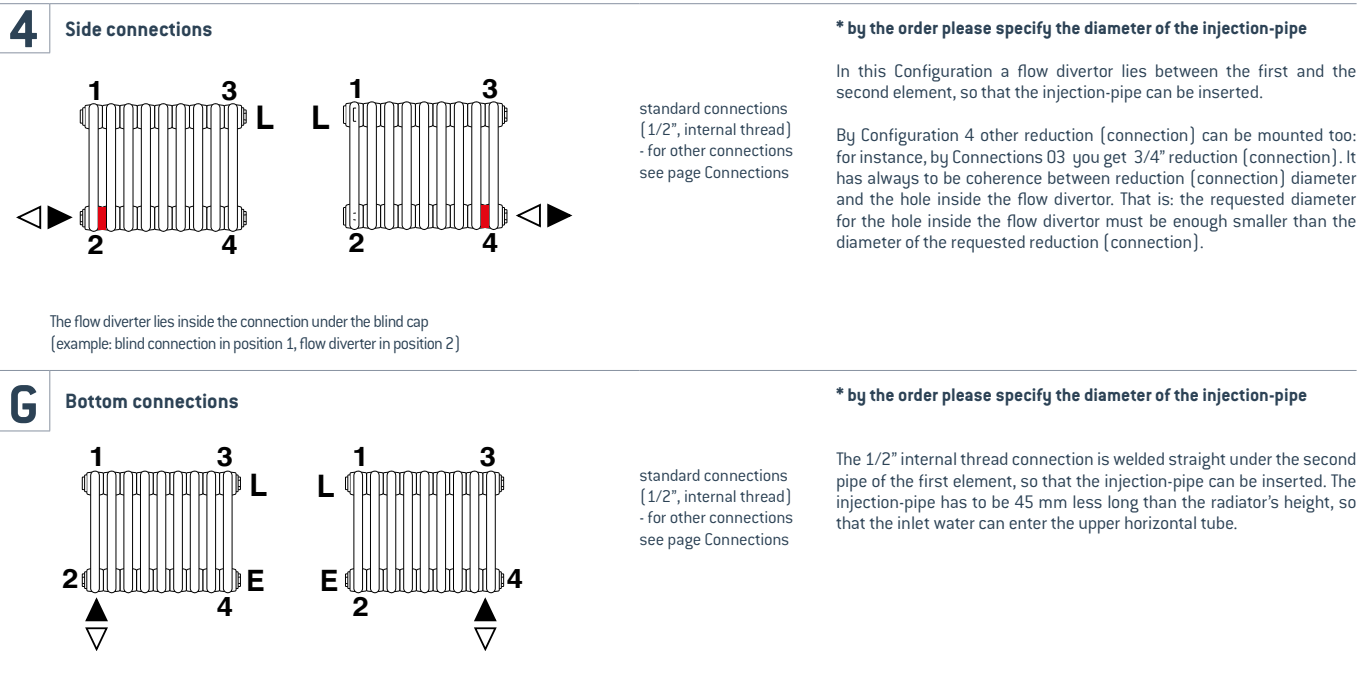
Special configurations - two-pipe



Centre-connection

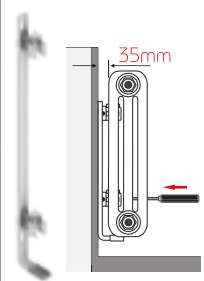
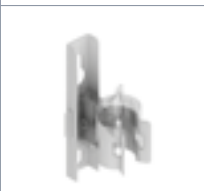


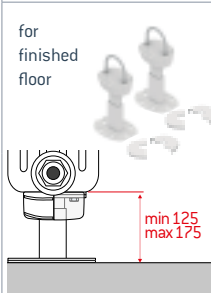
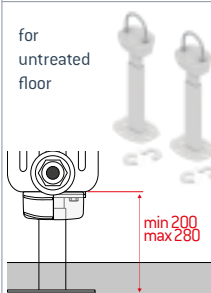
Single-pipe loop - Configurations

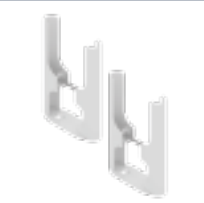


Multicolonna brackets - installation accessories

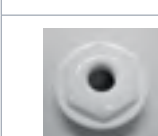
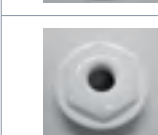
Multicolonna radiators do not have brackets included.
In Multicolonna pages there are the number of brackets to be ordered to install the radiator.

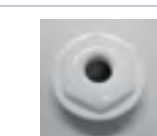
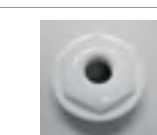
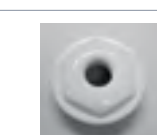
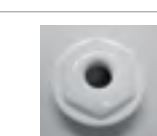
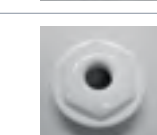
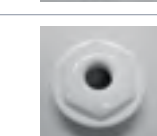
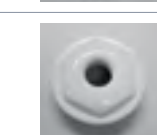
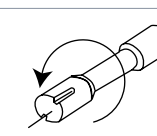
	Multicolonna 2-3-4-5-6 (standard and clinic)	
	Bracket GBT (2 GBT) including 2 N6 supports and 2 covers QKS (and screws) and air vent	550Q020000 (white)
		550Q061000 (coloured)
	Bracket GBT (3 GBT) including 2 N6 supports and 3 covers QKS (and screws) and air vent	550Q030000 (white)
		550Q071000 (coloured)
	Wall spacer N5 (1 N5)	550Q000900
	Bracket GTX (1 GTX)	550Q040100 H 300-350
	Bracket GTX (1 GTX)	550Q040200 H 350-450
	Bracket GTX (1 GTX)	550Q040300 H 500-670
	Bracket GTX (1 GTX)	550Q040400 H 750-1000
	Bracket GTXP (1 GTXP) to be added to the code 550q040400 in case of H > 1050 mm	550Q040600 H > 1050

	Multicolonna 2-3-4-5-6 (standard and clinic)	
	Floor bracket PGG including BG3 support (2 PGG, 2 BG3)	550Q003700 (white)
	H from the floor 100mm	550Q003700 (coloured)
	BG3 support (2 BG3)	550Q0011100 (white)
	to be used with floor brackets	550Q0011100 (coloured)
	Floor bracket PGT60 including cover (2 PGT60)	550Q003600 (white)
	H from the floor 125-175mm	550Q003600 (coloured)
	Floor bracket PGT1-60 including cover (2 PGT1-60)	550Q011300 (white)
	H from the floor 200-280mm	550Q011300 (coloured)

		Multicolonna 2 (standard and clinic)	Multicolonna 3 (standard and clinic)	Multicolonna 4 (standard and clinic)	Multicolonna 5 (standard and clinic)	Multicolonna 6 (standard and clinic)
	Bracket R12V (2 R12V) To be ordered with wall spacer N5	550Q001600	550Q001700	550Q001700	550Q001800	550Q001800
	Floor bracket PGE (2 PGE)	—	550Q010700 (white)	550Q010800 (white)	550Q010900 (white)	550Q011000 (white)
	H from the floor 100 mm					
	BG3 support must be bought separately	—	550Q010700 (coloured)	550Q010800 (coloured)	550Q010900 (coloured)	550Q011000 (coloured)

Hdraulic connections accessories

	Multicolonna 2-3-4-5-6 (standard and clinic)	
	Air vent 1/2" with O-ring (1 pc)	6180002000 (10 pcs minimum order)
	Air vent key	611454
	Reduction 1/2" - 3/8" and O-ring	611453
	Blind cap 1/2" without cover (1 pc) (to be ordered with cover 550q866200)	550Q010100 (10 pcs minimum order)
	DL Radiators cover to be ordered with Blind cap 1/2" 550q010100 (1 pc)	550Q866200 (10 pcs minimum order)
	Air vent 1/2" and Blind cap 1/2"	5580008900
	Air vent 3/8" with O-ring (1 pc)	550Q865200 (10 pcs minimum order)
	Blind cap 3/8" (1 pc)	550Q865100 (10 pcs minimum order)
	1"1/4 left blind cap including gasket (1 pc)	550Q114000 (10 pcs minimum order)
	1"1/4 right blind cap including gasket (1 pc)	550Q214000 (10 pcs minimum order)
	Connection left 3/8" including gasket (1 pc)	550Q143800 (10 pcs minimum order)
	Connection right 3/8" including gasket (1 pc)	550Q243800 (10 pcs minimum order)

	Multicolonna 2-3-4-5-6 (standard and clinic)	
	Connection left 1/4" including gasket (1 pc)	550Q141400 (10 pcs minimum order)
	Connection right 1/4" including gasket (1 pc)	550Q241400 (10 pcs minimum order)
	Connection left 1/2" including gasket (1 pc)	550Q141200 (10 pcs minimum order)
	Connection right 1/2" including gasket (1 pc)	550Q241200 (10 pcs minimum order)
	Connection left 3/4" including gasket (1 pc)	550Q143400 (10 pcs minimum order)
	Connection right 3/4" including gasket (1 pc)	550Q243400 (10 pcs minimum order)
	Connection left 1" including gasket (1 pc)	550Q141000 (10 pcs minimum order)
	Connection right 1" including gasket (1 pc)	550Q241000 (10 pcs minimum order)
	Gasket for connections 1"1/4 (1 pc)	550Q004200 (10 pcs minimum order)
	Nipple 1"1/4 (1 pc)	550002900 multicolonna standard 550Q04800 multicolonna clinic (10 pcs minimum order)
	Gasket for nipple (1 pc) Each nipple needs 1 gasket	550Q003000 (10 pcs minimum order)
	Ring to nipple the elements (clinic version)	610Q001000 (only for clinic version)
	Wrench to nipple	550Q864800

	Multicolonna 2-3-4-5-6 (standard and clinic)	
	Wrench to screw/unscrew connections	5500003100
	Connection 1/2", blind cap and air vent (connection 99)	7300001800
	Connection 3/8", blind cap and air vent (connection 99)	7300001900
	Blister nipples and gaskets (connection 99)	7300002000
	Flow deflector two pipe (only connection 1/2") to turn standard Configuration (0) into Config. 1, 2	5500002800
	Flow deflector with spring - for two-pipe systems (only connection 99) to turn standard Configuration (0) into Config. 1, 2	5500010000
	Flow deflector with spring, 11,5 mm hole - for one-pipe systems (only connection 99) to turn standard Configuration (0) into Config. 4	5500009400
	Flow deflector with spring, 12,5 mm hole - for one-pipe systems (only connection 99) to turn standard Configuration (0) into Config. 4	5500009500
	Flow deflector with spring, 14,5 mm hole - for one-pipe systems (only connection 99) to turn standard Configuration (0) into Config. 4	5500009600
	Flow deflector with spring, 16,5 mm hole - for one-pipe systems (only connection 99) to turn standard Configuration (0) into Config. 4	5500009700
	Flow deflector with spring, 18,5 mm hole - for one-pipe systems (only connection 99) to turn standard Configuration (0) into Config. 4	5500009800
	Flow deflector with spring, 19,5 mm hole - for one-pipe systems (only connection 99) to turn standard Configuration (0) into Config. 4	5500009900

	Multicolonna 2-3-4-5-6 (standard and clinic)	
	H valve 90° 50 connections 3/4" F - 3/4" EK	5580124600 for multicolonna with integrated valve
	H valve straight 50 mm connections 3/4" F - 3/4" EK	5580124500 for multicolonna with integrated valve
	Ovus chrome valve 1/2" x 24/19	5567009900
	Ovus chrome lockshield valve 1/2" x 24/19	5567010000
	Ovus white valve 1/2" x 24/19	5567011100
	Ovus white lockshield valve 1/2" x 24/19	5567011200
	Connection for multilayer pipe 24/19 x 9,5/10-14 for Ovus valve and lockshield 5567009900 - 5567010000 5567011100 - 5567011200 5567008600 - 5567011000	550S300400
	Connection for multilayer pipe 24/19 x 11,5/12-16 for Ovus valve and lockshield 5567009900 - 5567010000 5567011100 - 5567011200 5567008600 - 5567011000	550S300500
	Connection for multilayer pipe 24/19 x 15,5/16-20 for Ovus valve and lockshield 5567009900 - 5567010000 5567011100 - 5567011200 5567008600 - 5567011000	550S300600
	Connection for copper pipe 24/19 x 10 for Ovus valve and lockshield 5567009900 - 5567010000 5567011100 - 5567011200 5567008600 - 5567011000	550S300700
	Connection for copper pipe 24/19 x 12 for Ovus valve and lockshield 5567009900 - 5567010000 5567011100 - 5567011200 5567008600 - 5567011000	550S300800
	Connection for copper pipe 24/19 x 14 for Ovus valve and lockshield 5567009900 - 5567010000 5567011100 - 5567011200 5567008600 - 5567011000	550S300900
	Connection for copper pipe 24/19 x 15 for Ovus valve and lockshield 5567009900 5567010000 5567011100 5567011200 5567008600 - 5567011000	550S301000

	Multicolonna 2-3-4-5-6 (standard and clinic)	
	Connection for copper pipe 24/19 x 16 for ovus valve and lockshield 5567009900 - 5567010000 5567011100 - 5567011200 5567008600 - 5567011000	550S301100
	Kit Ovus 1/2" x 24/19 only two pipe	5567008600 for configurations D and E
	Kit Ovus 1/2" x 24/19 only two pipe	5567011000 for configurations D and E
	Thermostatic head for ovus valve (M30x1,5)	5567011300
	Thermostatic head for ovus valve (M30x1,5)	5580105400
	Thermostatic head	5580104900 for models with valve
	Hand knob	5580113800 for models with valve
	Set 2 Eurokonus	5580009500
	Retouch pen - white RAL 9016	552338
	thermostatic valve - spare part	5500212110
	valve case (internal piece)	6200214210
	thermostatic valve - district heating	5500212600

Brackets number and floor foot summary
to install Multicolonna

Number of brackets																			
Model	Nr. of elements	height (mm)																	
		300	400	500	600	685	750	800	885	900	1000	1200	1500	1800	2000	2200	2500	2800	3000
2 columns	2 → 19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	20 → 39	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	40 → 59	4	4	4	4	4	4	4	4	4	4	---	---	---	---	---	---	---	---
	60	5	5	5	5	5	5	5	5	5	5	---	---	---	---	---	---	---	---

Numero di mensole																			
Model	Nr. of elements	height (mm)																	
		300	400	500	600	685	750	800	885	900	1000	1200	1500	1800	2000	2200	2500	2800	3000
3 columns	2 → 14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	15 → 19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
	20 → 30	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	---	---	---
	31 → 39	3	3	3	3	3	3	3	3	3	3	---	---	---	---	---	---	---	---
	40 → 55	4	4	4	4	4	4	4	4	4	4	---	---	---	---	---	---	---	---
	56 → 59	4	4	4	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	60	5	5	5	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Number of brackets																			
Model	Nr. of elements	height (mm)																	
		300	400	500	600	685	750	800	885	900	1000	1200	1500	1800	2000	2200	2500	2800	3000
4 columns	2 → 16	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
	17 → 19	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4
	20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4
	21 → 26	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	---	---	---
	27 → 30	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	---	---	---
	31 → 39	3	3	3	3	3	3	3	3	3	3	---	---	---	---	---	---	---	---
	40 → 50	4	4	4	4	4	4	4	4	4	4	---	---	---	---	---	---	---	---
	51 → 59	4	4	4	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	60	5	5	5	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Number of brackets																			
Model	Nr. of elements	height (mm)																	
		300	400	500	600	685	750	800	885	900	1000	1200	1500	1800	2000	2200	2500	2800	3000
5 columns	2 → 12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
	13 → 15	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	---	---
	16 → 19	2	2	2	2	2	2	2	2	2	2	2	3	3	3	---	---	---	---
	20 → 25	3	3	3	3	3	3	3	3	3	3	3	4	4	4	---	---	---	---
	26 → 30	3	3	3	3	3	3	3	3	3	3	3	---	---	---	---	---	---	---
	31 → 35	3	3	3	3	3	3	3	3	3	3	---	---	---	---	---	---	---	---
	36 → 39	3	3	3	3	3	3	3	3	4	4	---	---	---	---	---	---	---	---
	40 → 45	4	4	4	4	4	4	4	4	4	4	---	---	---	---	---	---	---	---
	46 → 55	4	4	4	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Number of brackets																			
Model	Nr. of elements	height (mm)																	
		300	400	500	600	685	750	800	885	900	1000	1200	1500	1800	2000	2200	2500	2800	3000
6 columns	2 → 10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
	11 → 13	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	---	---
	14 → 15	2	2	2	2	2	2	2	2	2	2	2	3	3	3	---	---	---	---
	16 → 19	2	2	2	2	2	2	2	2	2	2	3	3	4	---	---	---	---	---
	20	3	3	3	3	3	3	3	3	3	3	3	4	---	---	---	---	---	---
	21 → 25	3	3	3	3	3	3	3	3	3	3	3	---	---	---	---	---	---	---
	26 → 30	3	3	3	3	3	3	3	3	3	3	4	---	---	---	---	---	---	---
	31 → 36	3	3	3	3	3	3	3	3	3	4	---	---	---	---	---	---	---	---
	37 → 38	3	3	3	3	3	3	3	4	4	4	---	---	---	---	---	---	---	---
	39 → 40	4	4	4	4	4	4	4	4	4	4	---	---	---	---	---	---	---	---
	41 → 50	4	4	4	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Correction factor F

calculate the heat output for different Δt, valid for traditional and low temperature installations

The following temperatures:
— input fluid t_e
— output fluid t_u
— room t_a
indicated in the table determine the correction factor **F**.
To obtain the heat output according to the EN 442 standard **Q_n**, the heat requirement **Q_f** must be multiplied by the correction factor **F**.

Qn = Qf • F

Q_n = heat output according to EN 442
t_m = 70 °C {75/65},
t_a = 20 °C

Q_f = heat requirement

F = correction factor indicated in table

EXAMPLE
Given a heat requirement Q_f of 830 Watt in the following two cases:

Case A
for traditional installations
t_e = 80 °C; t_u = 70 °C; t_a = 18 °C
Correction factor F = 0,84
(from table)
Q_n = Q_f • F = 830 • 0,84 = 697 W

Case B
for NT low temperature installations
t_e = 60 °C; t_u = 50 °C; t_a = 20 °C
Correction factor F = 1.60
(from table)
Q_n = Q_f • F = 830 • 1,60 = 1328 W

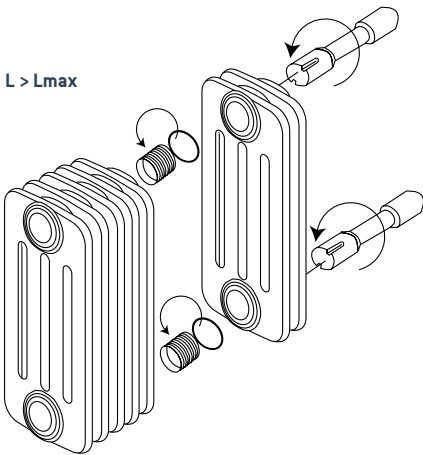
Inlet Temperature t _e [°C]	Room Temperatura t _a [°C]	Outlet Temperatura t _u [°C]																	
		25	30	35	40	45	50	55	60	65	70	75	80	85	90				
95	24	4,23	2,29	1,77	1,48	1,29	1,15	1,04	0,96	0,89	0,83	0,78	0,73	0,70	0,66				
	22	2,91	1,99	1,60	1,36	1,20	1,08	0,99	0,91	0,85	0,79	0,75	0,70	0,67	0,64				
	20	2,35	1,76	1,46	1,26	1,13	1,02	0,93	0,87	0,81	0,76	0,72	0,68	0,64	0,61				
	18	2,00	1,58	1,34	1,18	1,06	0,96	0,89	0,83	0,77	0,73	0,69	0,65	0,62	0,59				
	15	1,67	1,38	1,20	1,07	0,97	0,89	0,83	0,77	0,72	0,68	0,65	0,62	0,59	0,56				
90	12	1,43	1,23	1,09	0,98	0,90	0,83	0,77	0,72	0,68	0,65	0,61	0,59	0,56	0,54				
	24	4,56	2,45	1,88	1,57	1,36	1,21	1,10	1,01	0,93	0,87	0,82	0,77	0,73					
	22	3,11	2,11	1,69	1,44	1,27	1,14	1,04	0,96	0,89	0,83	0,78	0,74	0,70					
	20	2,50	1,87	1,54	1,33	1,19	1,07	0,98	0,91	0,85	0,80	0,75	0,71	0,67					
	18	2,13	1,68	1,42	1,24	1,11	1,01	0,93	0,87	0,81	0,76	0,72	0,68	0,65					
85	15	1,76	1,46	1,26	1,13	1,02	0,93	0,87	0,81	0,76	0,72	0,68	0,64	0,61					
	12	1,51	1,29	1,14	1,03	0,94	0,87	0,81	0,76	0,71	0,67	0,64	0,61	0,58					
	24	4,94	2,63	2,00	1,67	1,45	1,29	1,16	1,07	0,99	0,92	0,86	0,81						
	22	3,34	2,26	1,80	1,53	1,34	1,21	1,10	1,01	0,94	0,88	0,82	0,78						
	20	2,67	1,99	1,64	1,41	1,25	1,13	1,04	0,96	0,89	0,84	0,79	0,75						
80	18	2,27	1,78	1,50	1,31	1,18	1,07	0,98	0,91	0,85	0,80	0,75	0,72						
	15	1,87	1,54	1,33	1,19	1,07	0,98	0,91	0,85	0,80	0,75	0,71	0,67						
	12	1,60	1,36	1,20	1,08	0,99	0,91	0,85	0,79	0,75	0,70	0,67	0,64						
	24	5,38	2,83	2,15	1,78	1,54	1,37	1,24	1,13	1,05	0,97	0,91							
	22	3,61	2,42	1,93	1,63	1,43	1,28	1,16	1,07	0,99	0,93	0,87							
75	20	2,87	2,13	1,75	1,50	1,33	1,20	1,10	1,01	0,94	0,88	0,83							
	18	2,42	1,90	1,60	1,39	1,24	1,13	1,04	0,96	0,90	0,84	0,79							
	15	1,99	1,64	1,41	1,25	1,13	1,04	0,96	0,89	0,84	0,79	0,75							
	12	1,69	1,44	1,27	1,14	1,04	0,96	0,89	0,83	0,78	0,74	0,70							
	24	5,90	3,07	2,32	1,92	1,66	1,47	1,32	1,21	1,12	1,04								
70	22	3,92	2,61	2,07	1,75	1,53	1,37	1,24	1,14	1,05	0,98								
	20	3,10	2,28	1,87	1,61	1,42	1,28	1,17	1,08	1,00	0,94								
	18	2,61	2,03	1,70	1,48	1,32	1,20	1,10	1,02	0,95	0,89								
	15	2,13	1,75	1,50	1,33	1,20	1,10	1,01	0,94	0,88	0,83								
	12	1,80	1,53	1,34	1,21	1,10	1,01	0,94	0,88	0,82	0,78								
65	24	6,54	3,36	2,52	2,08	1,79	1,58	1,42	1,30	1,19									
	22	4,30	2,84	2,24	1,89	1,64	1,47	1,33	1,22	1,13									
	20	3,38	2,47	2,02	1,73	1,52	1,37	1,25	1,15	1,07									
	18	2,82	2,19	1,83	1,59	1,42	1,28	1,17	1,08	1,01									
	15	2,28	1,87	1,61	1,42	1,28	1,17	1,08	1,00	0,94									
60	12	1,93	1,63	1,43	1,28	1,16	1,07	0,99	0,93	0,87									
	24	7,33	3,70	2,76	2,27	1,94	1,71	1,54	1,40										
	22	4,75	3,11	2,44	2,05	1,78	1,59	1,43	1,31										
	20	3,70	2,69	2,19	1,87	1,64	1,47	1,34	1,23										
	18	3,07	2,37	1,98	1,71	1,52	1,37	1,26	1,16										
55	15	2,47	2,02	1,73	1,52	1,37	1,25	1,15	1,07										
	12	2,07	1,75	1,53	1,37	1,24	1,14	1,05	0,98										
	24		4,13	3,06	2,50	2,13	1,87	1,68											
	22		5,32	3,44	2,69	2,24	1,94	1,73	1,56										
	20		4,10	2,96	2,39	2,03	1,78	1,60	1,45										
50	18		3,38	2,59	2,15	1,86	1,65	1,48	1,36										
	15		2,69	2,19	1,87	1,64	1,47	1,34	1,23										
	12		2,24	1,89	1,64	1,47	1,33	1,22	1,13										
	24			6,38	4,58	3,66													
	22			5,11	3,89	3,19													
45	20		6,08	4,25	3,37	2,83													
	18		4,84	3,63	2,96	2,53													
	15		3,70	2,96	2,50	2,17													
	12		2,99	2,48	2,15	1,90													
	40	24			7,87	5,54													
22				6,14	4,62														
20			7,28	5,01	3,93														
18			5,68	4,21	3,41														
15			4,25	3,37	2,83														
35	12		3,38	2,79	2,40														
Inlet Temperature t _e [°C]	Room Temperatura t _a [°C]	25	30	35	40	45	50	55	60	65	70	75	80	85	90				
Outlet Temperatura t _u [°C]																			

Technical info

Multicolonna nipple

The maximum number of elements , a Multicolonna radiator is made up of, changes in base on the height and number of columns. It is possible to join the elements in site by using the dedicated nipples.

Please see the catalogue on the Accessories pages. Nipples and dedicated tool are available in the accessories pages.



Flow diverter

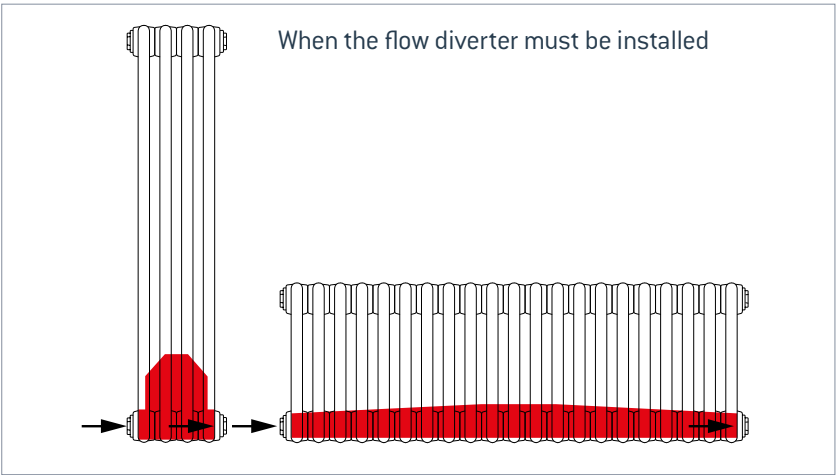
In case of bottom/bottom opposite side connections in order to guarantee the best output, DL Radiators suggests to place a flow diverter. This is recommended in case of very high or long radiators.

To guarantee the outputs declared in the catalogue and have the right distribution of the water inside the radiator, the flow diverter must be installed in the inlet of the radiator.

So the water flow will have the correct distribution inside the radiator.

The flow diverter has a cylindrical body, two holes at the end and a 1/2" internal thread.

NOTE: the maximum torque is 40Nm.



Flow diverter cod. 5500002800

Remember that DL Radiators offers the Multicolonna already suitable for bottom/bottom opposite side connections, these models have already the flow diverter installed.

All the colours of warmth

PEARL SHINE



PEARL SHINE WHITE ..



PEARL SHINE SILVER ..



PEARL SHINE GOLD ..



PEARL SHINE COPPER ..

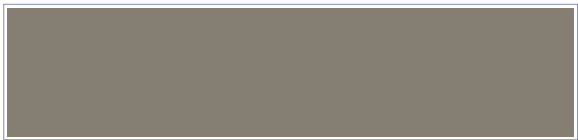
BRILLIANT



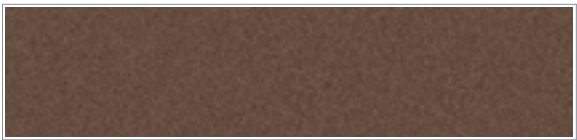
BRILLIANT STARS ...



BRILLIANT DESERT ROSE ...



BRILLIANT GREY ..



BRILLIANT CHOCOLATE ..

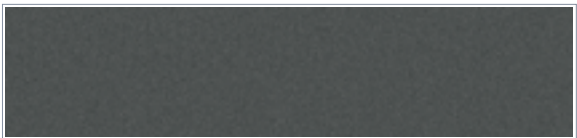


TITANIUM ..

ROUGH



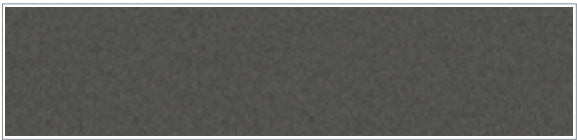
ROUGH VINTAGE ..



ROUGH DARK GREY ..



ROUGH TAUPE ..



ROUGH ANTHRACITE ..

REAL



REAL GYPSUM ..



REAL RED LEAF ..



REAL GOLD CURRY ..



REAL GREEN MINT ..

TEXTILE



SILKY GOLD ...



SILKY VIOLET ...

HAMMERED



HAMMERED COPPER ..



HAMMERED GREY ..

SPECIAL TEXTURE

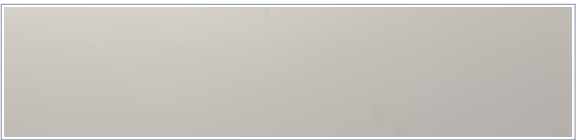


INOX ...



CORTEN ..

RAL



RAW STEEL ..



RAL 9010 gloss - satin - matt •



RAL 1002 gloss - satin - matt •



RAL 9016 gloss - satin - matt •



RAL 1023 gloss - satin - matt •



RAL 9001 gloss - satin - matt •



RAL 1004 gloss •



RAL 1013 gloss - satin - matt •



RAL 1019 gloss - satin - matt •



RAL 1015 gloss - satin - matt •



RAL 7006 gloss - satin - matt •

All the colours of warmth

RAL



RAL 9018 gloss - satin - matt •



RAL 7047 gloss - satin - matt •



RAL 7035 gloss - satin - matt •



RAL 7038 gloss - satin - matt •



RAL 7030 gloss - satin - matt •



RAL 7042 gloss - satin - matt •



RAL 8011 gloss - satin - matt •



RAL 8019 gloss - satin - matt •



RAL 9005 gloss - satin - matt •



RAL 7015 gloss - satin - matt •



RAL 7011 gloss - satin - matt •



RAL 7016 gloss - satin - matt •



RAL 7026 gloss - satin - matt •



RAL 5010 gloss - satin - matt •



RAL 6027 gloss - satin - matt •



RAL 3000 gloss - satin - matt •

Finishing can be custom made. DL Radiators can offer this option thanks to the new and advanced in-house painting line. Our customers will be able to choose between our wide range of colours divided into themed colour groups or their own colour (RAL) code for a unique product. In this way, we can satisfy any individual requirement and need, and do so in a short time.

Packaging and safety of the product

The following images are indicative of the packaging used for DL Radiators products.

MULTICOLONNA PACKAGING



The Multicolonna line of products is packed with polystyrene corner elements and waterproof heat shrink tape (for storage in damp conditions); further protection is provided by elements protecting the tubes and pouches protecting the connections (with holes to allow the radiator to be connected on site without removing the packaging).

The accessories included in the packaging, if so, (brackets, screws, ecc) are packed in plastic bag.

Warranty

GENERAL CONDITIONS

The warranty conditions set forth in this section shall be valid for all products comprising the DL Radiators Srl range (otherwise denominated DLR). Any derogation from these conditions shall require DL Radiators' prior written consent.

WARRANTY

The supplier guarantees, starting from the invoice date, for a period of X years (the number of years guaranteed depends on the product category. Each Warranty period is shown at the beginning of each product category):

- The good quality of the materials supplied
- The good workmanship of invoiced and supplied materials.

The supplier undertakes, within the warranty period, to repair or replace, at its own discretion, and on a gratuitous basis, those parts that, with respect to the specifications, exhibit material defects, construction faults or deformities, such as to render the component unsuitable for use. The supplier shall not accept other replacement costs.

The warranty shall take effect after the examination of the defects and their causes, by DLR and at the premises it shall indicated. New or repaired material shall be supplied EXW supplier's warehouse.

Any work forming part of the warranty shall not extend or renew the original warranty term.

WARRANTY INVALIDITY

- if the buyer does not comply with the agreed payment conditions;
- if a claim against warranty is not lodged within the terms indicated and in accordance to law;
- if the product is installed by unqualified persons and/or in a manner contrary to the supplier's instructions;
- if the use and/or maintenance of the system has not been carried out according to the suppliers' instructions.
- if the product has been tampered with by adjustments or repairs conducted without the supplier's prior written authorisation;
- if the products incurs accidental damage or damage caused by natural calamities;
- if the products incurs damages caused by shipping not organized by DL Radiators;
- if the presence of air and/or the lack of liquid in the circuit is detected;

RESERVATIONS

DLR reserves the rights to make modification to products, technical data and sizes at any time and without prior notice.

DLR shall remain proprietor of the product until such time as Customer makes full payment.

General sales conditions

The Customer implicitly accepts the following payment conditions when he receives the confirmation of the order by DL Radiators Srl.

PAYMENT CONDITIONS

- Unless contrary expressed agreement, delivery terms shall always be understood as approximate;
- Goods are transported at the Customer's own risk, even if sold carriage paid;
- Special packaging not otherwise provided for shall be invoiced separately;
- Delays in delivery attributable to the carrier shall not be the liability of DLR;
- Extraordinary events, natural calamities or other causes of force majeure shall release DL Radiators from any mandatory delivery terms.

TRANSPORT OF GOODS, PACKAGING AND CONSIGNMENT

- Unless contrary expressed agreement, delivery terms shall always be understood as approximate;
- Goods are transported at the Customer's own risk, even if sold carriage paid;
- Special packaging not otherwise provided for shall be invoiced separately;
- Delays in delivery attributable to the carrier shall not be the liability of DLR;
- Extraordinary events, natural calamities or other causes of force majeure shall release DL Radiators from any mandatory delivery terms.

CLAIMS AND RETURNED GOODS

- Claims for visible defects must be made within 8 days from the receipt of goods;
- For other defects the foregoing warranty conditions shall remain valid;
- The prices are subject to revision according to variations that may come into effect prior to delivery;
- No claims shall be accepted for goods altered or damaged by third parties or the Customer;
- Goods must be returned at the Customer's expense to DL Radiators Srl (or Moimacco UD or Fossalta di Piave VE - ITALY);
- DL Radiators Srl disclaims any obligation to replace its radiators for defects attributable to insufficient surveillance or irregular maintenance;
- The installer must take out insurance against any damage that water may determine.

TECHNICAL DATA

- The surface areas, performance, weights and all other data referring to the radiators, as stated in pricelists and catalogues, shall be understood as indicative and comprehend working tolerances that are not subject to price adjustments;
- DL Radiators Srl reserves the right to replace its radiator models without prior notice.

COURT WITH JURISDICTION

For any controversy the sole court with jurisdiction shall be the Court of Treviso (Italy), excluding any derogations.



RADIATORS

ITALIAN PREMIUM HEATING

DL Radiators Srl
part of De'Longhi Industrial
T. +39 0432 705 511
F. +39 0432 705 550
info.dlr@dlradiators.it

Head office
Via Lodovico Seitz, 42
31100 Treviso - Italy

Moimacco
Strada Statale 54, 21
33040 Moimacco
Udine — Italy

Fossalta di Piave
Via delle Industrie, 2
30020 Fossalta di Piave
Venice — Italy

www.dlradiators.com

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