



ATOL
Column radiators

Atol: Column radiators

Owing to their round edges, making them much safer, and elegant design, ATOL column radiators are often installed in high-traffic areas in public buildings. The steel columns contribute to the low weight of the radiator. Individual columns consist of a specific number of pipes, as indicated in the radiator's identification. For example: C3 refers to a column made up of three pipes. ATOL radiators feature optimum heating fluid circulation with high heat-transfer efficiency. They are also suitable for low-temperature systems. Their high output makes them a popular and sought-after choice for installation in renovated old residential buildings, while their shape facilitates cleaning and maintenance.



△ Atol C2 – height 750 mm, 26 elements



△ Atol C2 – height 1800 mm, 10 elements

Basic specifications

Material	steel tubes diameter 25 mm thickness 1,25 mm
Max. operating overpressure	1 MPa (10 bar)
Testing overpressure	1,3 MPa (13 bar)
Max. operating temperature	95 °C
Basic colour	snow white RAL 9016
Connection thread	G1/2" (G3/4" or G1" on request)
Built-in valve thread (VL,VR)	M 30 × 1,5 mm
Width of one element	46 mm +/- 1,5 %
Max. number of elements	see the Technical parameters table / page 9

Features

- Elegant radiators with a smooth surface
- Ideal replacement for conventional column heating units
- Round edges to minimize the risk of injury
- Easy service and cleaning
- High heat output
- Excellent heat-transfer fluid circulation
- Also suitable for low-temperature systems

Stylish retro design in modern colours...



△ Atol C3



△ Atol C3



△ Atol C4



△ Atol C5



△ Atol C6

Atol Radius: Curved column radiators

The heating unit is a great complement to rounded walls, polygonal floor plans and other architectural elements. Atol Radius is made to fit the curvature of the wall and can often be used in place of several individual units required to fill in the rounded space, providing you with a balanced interior. This is also possible thanks to the wide range of smooth, structured or metallic colours available in a multitude of shades and hues.

The radiator dimensions should always be measured directly at the installation location as the actual curvature usually varies from the drawing documentation. Especially with regard to older buildings, the variable wall radius should always be factored in and the radiator suitability considered.



△ Atol Radius C3

Basic specifications

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Testing overpressure	1,3 MPa (13 bar)
Max. operating temperature	95 °C
Basic colour	snow white RAL 9016
Connection thread	G1/2" (G3/4" or G1" on request)
Built-in valve thread (VL,VR)	M 30 × 1,5 mm
Width of one element	46 mm +/- 1,5 %
Max. number of elements	see the Technical parameters table / page 9

Features

- Individual solution
- Retro design
- Curved design
- Round corners - injury prevention

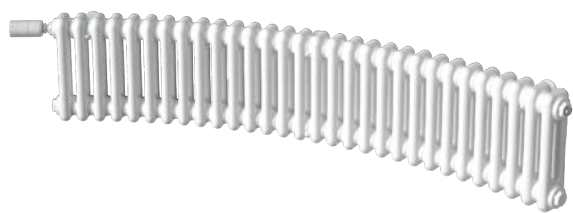
Atol Radius options

- all models - C2, C3, C4, C5, C6 - can be produced in curved versions
- colour design identical to standard units
- **the maximum height of curved radiators is 2000 mm**

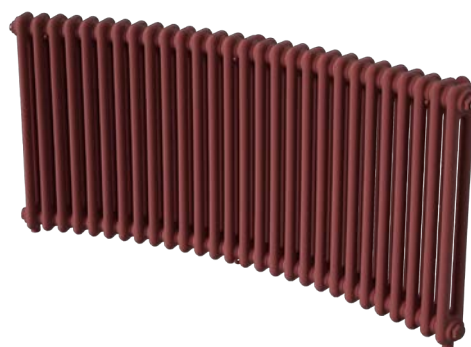
When you need to conform to shape constraints...



△ Atol Radius C3



△ Atol Radius C2



△ Atol Radius C2



How to design and select your own radiator

Select the desired shape (C2 - C6 models), height and length (number of elements) of the radiator, taking into account the output and dimensional requirements. Specify the heating system connection and the required connection sets based on the project and/or the existing piping. Depending on the wall type, choose between wall or floor mounting options. See the ISAN colour reference chart or the broad range of RAL colours to choose the right coating shade and to best integrate the Atol unit into your interior.



△ Atol C4

=



Always go for an original interior design...

radiator type

+

connection

+

thermostatic set

+

mounting

+

colour

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How to determine radiator dimensions

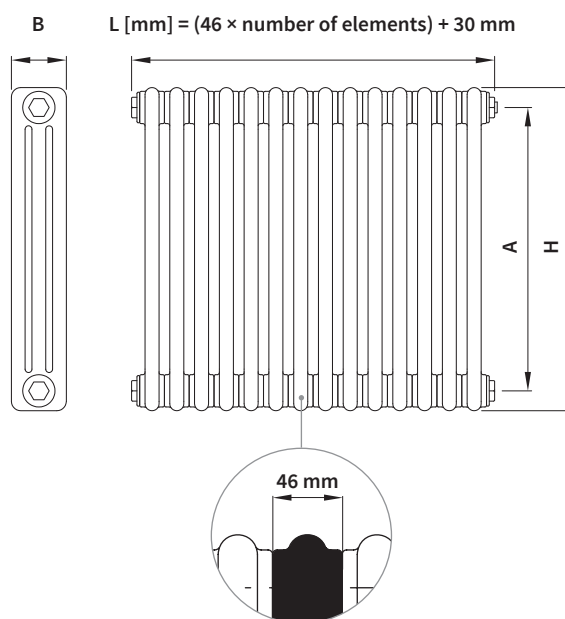
To determine the right size of the heating unit, refer to the table of technical parameters provided.

Unit height - the models available range from 300 to 2500 mm in height. Make sure to leave sufficient space under the radiator to allow for cool air circulation and easy floor cleaning.

Unit width - depending on the type of the Atol radiator used, the unit width can range from 66 to 230 mm (C2 to C6 type). Remember to take the distance of the radiator from the wall into account.

Unit length - determined by the sum of the length of the columns used, which is 46 mm. Add 30 mm for the plugs and do not forget to leave some room for the connection fittings/valves.

The overall heating output of the Atol unit is determined by its dimensions. Refer to the technical documentation to check the heating water parameters and calculate the unit output.

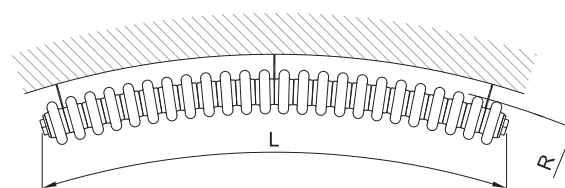
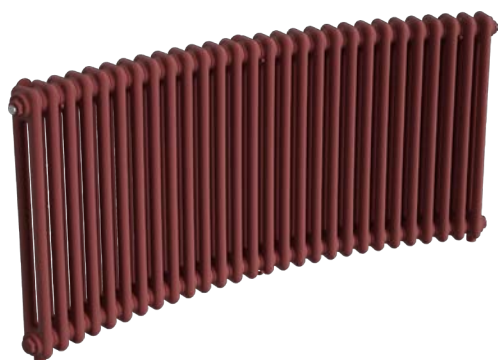


Dimensions of the radiator above:

B = 148 / L = 1 226 / A = 830 / H = 900 mm

How to determine the radiator radius

When considering installing a curved radiator, particular attention should be devoted to determining the radius of the wall curvature. The measurements usually need to be taken directly on site.



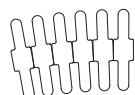
C2
R = min. 1 100



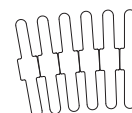
C3
R = min. 1 150



C4
R = min. 1 350



C5
R = min. 1 400



C6
R = min. 1 450

The radius of the radiator above:

L = 1 318 / R = 1 800 mm

Heat output and technical parameters / 1 element

Radiator type	Height H	Connection spacing A	Width B	Water volume	Weight	Heat output 75/65/20 °C	Heat output 55/45/20 °C	Temperature exponent n	Maximum number of elements	
	[mm]	[mm]	[mm]	[l]	[kg]	[W]	[W]	[-]	[pcs]	
	C2	300	230	66	0,42	0,47	23,1	12,3	1,24	60
		400	330	66	0,49	0,62	30,1	16,0	1,24	60
		500	430	66	0,57	0,76	37,1	19,6	1,25	60
		600	530	66	0,65	0,91	44,0	23,2	1,25	60
		750	680	66	0,77	1,13	54,4	28,6	1,26	60
		900	830	66	0,89	1,34	64,8	33,9	1,27	60
		1 000	930	66	0,97	1,49	71,7	37,5	1,27	60
		1 500	1 430	66	1,37	2,21	107,1	55,1	1,30	60
		1 800	1 730	66	1,61	2,65	129,0	66,1	1,31	50
		2 000	1 930	66	1,77	2,94	144,0	73,7	1,31	45
		2 500	2 430	66	2,16	3,67	182,7	93,1	1,32	36
	C3	300	230	107	0,60	0,85	32,2	16,9	1,26	60
		400	330	107	0,72	1,08	41,9	22,0	1,26	60
		500	430	107	0,83	1,29	51,4	27,0	1,26	60
		600	530	107	0,95	1,51	60,9	32,0	1,26	60
		750	680	107	1,13	1,83	75,0	39,4	1,26	60
		900	830	107	1,31	2,16	89,2	46,9	1,26	60
		1 000	930	107	1,43	2,38	98,6	51,8	1,26	56
		1 500	1 430	107	2,03	3,47	146,7	75,5	1,30	38
		1 800	1 730	107	2,39	4,13	176,4	89,4	1,33	32
		2 000	1 930	107	2,62	4,56	196,6	100,2	1,32	29
		2 500	2 430	107	3,22	5,65	249,0	127,5	1,31	23
	C4	300	230	148	0,78	0,94	42,5	22,6	1,24	60
		400	330	148	0,93	1,24	55,8	29,5	1,25	60
		500	430	148	1,09	1,52	68,9	36,2	1,26	60
		600	530	148	1,25	1,81	81,9	42,8	1,27	60
		750	680	148	1,49	2,26	101,2	52,6	1,28	59
		900	830	148	1,73	2,69	120,4	62,3	1,29	49
		1 000	930	148	1,89	2,98	133,1	68,9	1,29	44
		1 500	1 430	148	2,68	4,44	196,4	101,1	1,30	30
		1 800	1 730	148	3,16	5,31	234,3	120,6	1,30	25
		2 000	1 930	148	3,48	5,88	259,6	133,6	1,30	22
		2 500	2 430	148	4,27	7,34	323,1	166,3	1,30	18
	C5	300	230	189	0,97	1,20	51,6	26,6	1,30	60
		400	330	189	1,17	1,57	67,2	34,6	1,30	60
		500	430	189	1,63	1,93	82,6	42,7	1,29	60
		600	530	189	1,56	2,30	97,8	50,6	1,29	58
		750	680	189	1,86	2,84	120,4	62,6	1,28	47
		900	830	189	2,16	3,38	142,7	74,2	1,28	39
		1 000	930	189	2,36	3,75	157,6	81,5	1,29	35
		1 500	1 430	189	3,35	5,57	231,8	118,1	1,32	24
		1 800	1 730	189	3,95	6,65	276,5	139,4	1,34	20
		2 000	1 930	189	4,35	7,38	306,5	155,4	1,33	18
		2 500	2 430	189	5,34	9,19	382,4	196,8	1,30	14
	C6	300	230	230	1,16	1,60	62,2	31,9	1,31	60
		400	330	230	1,39	2,04	81,5	41,7	1,31	60
		500	430	230	1,63	2,47	100,6	51,5	1,31	54
		600	530	230	1,87	2,91	119,4	61,5	1,30	46
		750	680	230	2,23	3,57	147,2	75,8	1,30	37
		900	830	230	2,59	4,21	174,6	89,9	1,30	31
		1 000	930	230	2,83	4,65	192,7	99,2	1,30	28
		1 500	1 430	230	4,02	6,84	281,6	145,0	1,30	19
		1 800	1 730	230	4,73	8,14	334,0	171,1	1,31	16
		2 000	1 930	230	5,21	9,01	368,5	187,8	1,32	14
		2 500	2 430	230	6,40	11,19	453,8	230,0	1,33	11

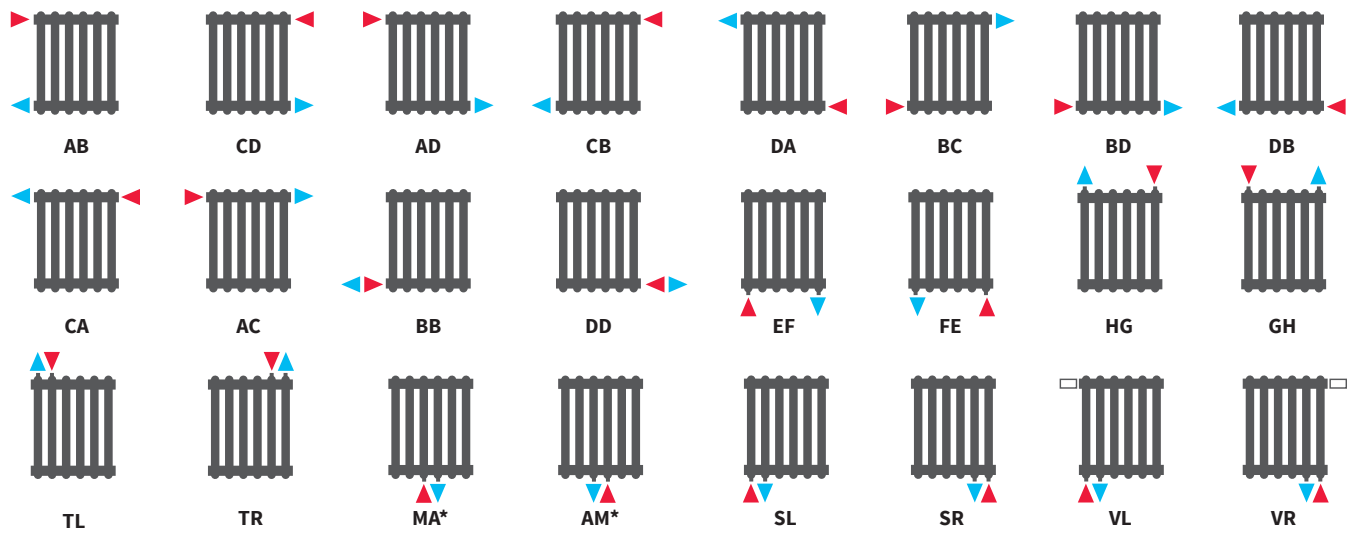
Column radiator connection

Heating system lines can be conducted in floors, in walls, under ceilings or through entries between floor levels. To facilitate connection to the heating system, the Atol comes in a range of design variations, including a combined heating water inlet and outlet. Specify your preferred connection by entering the relevant two-letter abbreviation at positions 13 and 14 of the order code.



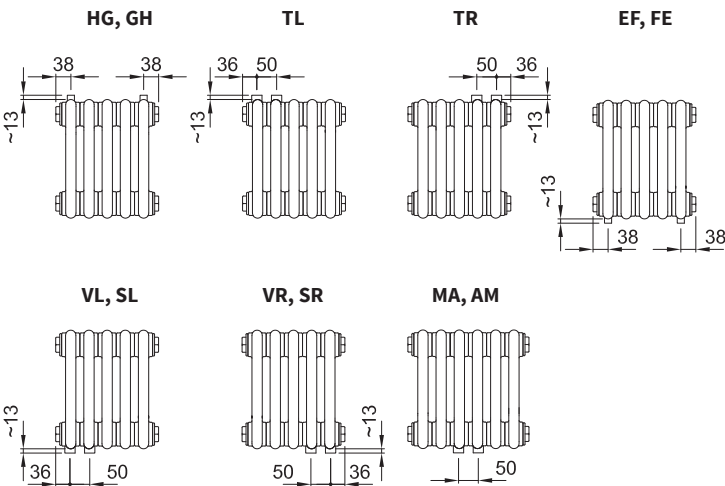
Connection type:
AM

Connection options

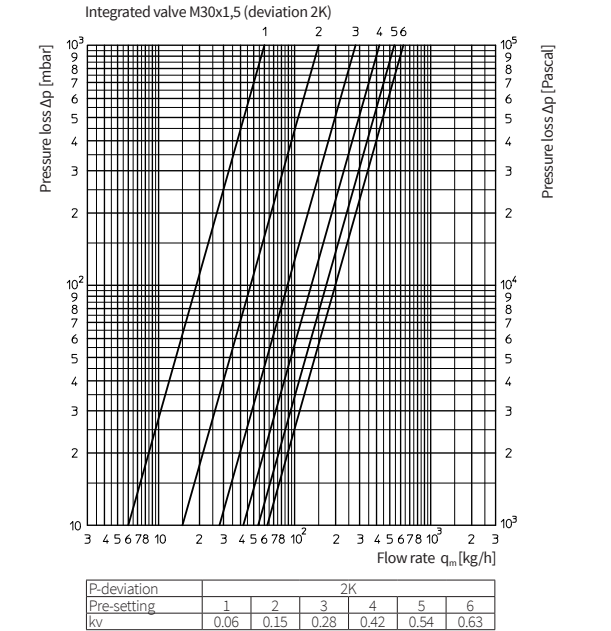


* the centre connection (MA, AM) requires an even number of elements

ATOL connection details



Integrated thermostatic valve parameters (VL, VR models)



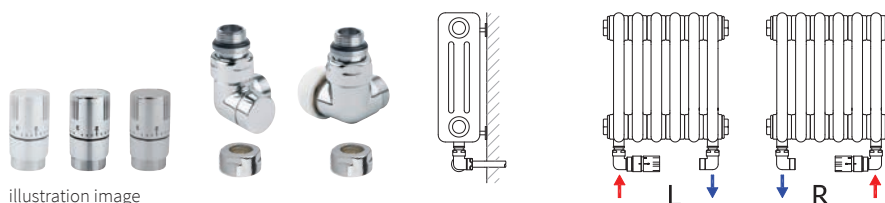
Designer thermostatic sets

Select connection fittings compatible with the Atol connection used. Available in white, chrome, stainless steel design and the corner center valve is also available in black. The drawings provided for each set indicate the installation method and the required flow direction of the heat-transfer fluid.



Connection type:
VR

Thermostatic set angular - triax



Pack nr. 101L / white / left / Code: O37BUCL101
Pack nr. 101R / white / right / Code: O37BUCR101
Connection to copper pipes Ø 15 mm
 Thermostatic head, design – white
 Valve – angular thermostatic valve and lockshield valve / white
 Clamping fittings for copper pipes / chrome

Pack nr. 103L / chrome / left / Code: O37CUCL103
Pack nr. 103R / chrome / right / Code: O37CUCR103
Connection to copper pipes Ø 15 mm
 Thermostatic head / chrome
 Valve – angular thermostatic valve and lockshield valve / chrome
 Clamping fittings for copper pipes / chrome

Pack nr. 105L / inox / left / Code: O37NUCL105
Pack nr. 105R / inox / right / Code: O37NUCR105
Connection to copper pipes Ø 15 mm
 Thermostatic head, design – inox
 Valve – angular thermostatic valve and lockshield valve / inox
 Clamping fittings for copper pipes / inox

Pack nr. 102L / white / left / Code: O37BUAL102
Pack nr. 102R / white / right / Code: O37BUAR102
Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm
 Thermostatic head / white
 Valve – angular thermostatic valve and lockshield valve / white
 Clamping fittings for Al/PE-X and Al/PERT pipes / chrome

Pack nr. 104L / chrome / left / Code: O37CUAL104
Pack nr. 104R / chrome / right / Code: O37CUAR104
Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm
 Thermostatic head, design – chrome
 Valve – angular thermostatic valve and lockshield valve / chrome
 Clamping fittings for Al/PE-X and Al/PERT pipes / chrome

Pack nr. 106L / inox / left / Code: O37NUAL106
Pack nr. 106R / inox / right / Code: O37NUAR106
Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm
 Thermostatic head, design – inox
 Valve – angular thermostatic valve and lockshield valve / inox
 Clamping fittings for Al/PE-X and Al/PERT pipes / inox

Thermostatic set direct



Pack nr. 107 / white / Code: O37BPC-107
Connection to copper pipes Ø 15 mm
 Thermostatic head, design – white
 Valve – direct thermostatic valve and lockshield valve / white
 Clamping fittings for copper pipes / chrome

Pack nr. 109 / chrome / Code: O37CPC-109
Connection to copper pipes Ø 15 mm
 Thermostatic head / chrome
 Valve – direct thermostatic valve and lockshield valve / chrome
 Clamping fittings for copper pipes, design – chrome

Pack nr. 111 / inox / Code: O37NPC-111
Connection to copper pipes Ø 15 mm
 Thermostatic head, design – inox
 Valve – direct thermostatic valve and lockshield valve / inox
 Clamping fittings for copper pipes / inox

Pack nr. 108 / white / Code: O37BPA-108
Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm
 Thermostatic head, design – white
 Valve – direct thermostatic valve and lockshield valve / white
 Clamping fittings for Al/PE-X and Al/PERT pipes / chrome

Pack nr. 110 / chrome / Code: O37CPA-110
Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm
 Thermostatic head, design – chrome
 Valve – direct thermostatic valve and lockshield valve / chrome
 Clamping fittings for Al/PE-X and Al/PERT pipes / chrome

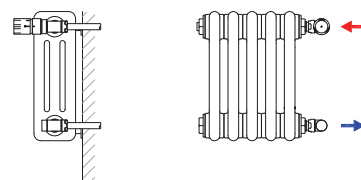
Pack nr. 112 / inox / Code: O37NPA-112
Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm
 Thermostatic head, design – inox
 Valve – direct thermostatic valve and lockshield valve / inox
 Clamping fittings for Al/PE-X and Al/PERT pipes / inox

Thermostatic set

corner



illustration image



Pack nr. 113 / white / Code: O37BRC-113

Connection to copper pipes Ø 15 mm

Thermostatic head / white

Valve – corner thermostatic valve and lockshield valve / white
Clamping fittings for copper pipes / chrome

Pack nr. 115 / chrome / Code: O37CRC-115

Connection to copper pipes Ø 15 mm

Thermostatic head / chrome

Valve – corner thermostatic valve and lockshield valve / chrome
Clamping fittings for copper pipes / chrome

Pack nr. 117 / inox / Code: O37NRC-117

Connection to copper pipes Ø 15 mm

Thermostatic head / inox

Valve – corner thermostatic valve and lockshield valve / inox
Clamping fittings for copper pipes / inox

Pack nr. 114 / white / Code: O37BRA-114

Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm

Thermostatic head / white

Valve – corner thermostatic valve and lockshield valve / white
Clamping fittings for Al/PE-X and Al/PERT pipes / chrome

Pack nr. 116 / chrome / Code: O37CRA-116

Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm

Thermostatic head / chrome

Valve – corner thermostatic valve and lockshield valve / chrome
Clamping fittings for Al/PE-X and Al/PERT pipes / chrome

Pack nr. 118 / inox / Code: O37NRA-118

Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm

Thermostatic head / inox

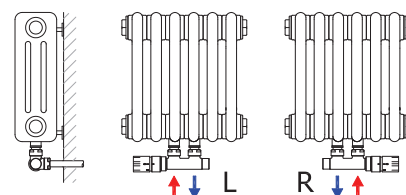
Valve – corner thermostatic valve and lockshield valve / inox
Clamping fittings for Al/PE-X and Al/PERT pipes / inox

Thermostatic valve

corner



illustration image



Pack nr. 119L / white / left / Code: O37BWCL119

Pack nr. 119R / white / right / Code: O37BWCR119

Connection to copper pipes Ø 15 mm

Thermostatic head / white

Corner thermostatic valve and lockshield valve / white
Clamping fittings for copper pipes / chrome

Pack nr. 121L / chrome / left / Code: O37CWCL121

Pack nr. 121R / chrome / right / Code: O37CWCR121

Connection to copper pipes Ø 15 mm

Thermostatic head / chrome

Corner thermostatic valve and lockshield valve / chrome
Clamping fittings for copper pipes / chrome

Pack nr. 123L / inox / left / Code: O37NWCL123

Pack nr. 123R / inox / right / Code: O37NWCR123

Connection to copper pipes Ø 15 mm

Thermostatic head / inox

Corner thermostatic valve and lockshield valve / inox
Clamping fittings for copper pipes / inox

Pack nr. 120L / white / left / Code: O37BWAL120

Pack nr. 120R / white / right / Code: O37BWAR120

Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm

Thermostatic head / white

Corner thermostatic valve and lockshield valve / white
Clamping fittings for Al/PE-X and Al/PERT pipes / chrome

Pack nr. 122L / chrome / left / Code: O37CWAL122

Pack nr. 122R / chrome / right / Code: O37CWAR122

Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm

Thermostatic head / chrome

Corner thermostatic valve and lockshield valve / chrome
Clamping fittings for Al/PE-X and Al/PERT pipes / chrome

Pack nr. 124L / inox / left / Code: O37NWAL124

Pack nr. 124R / inox / right / Code: O37NWAR124

Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm

Thermostatic head / inox

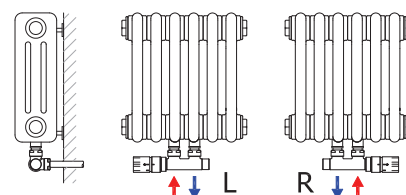
Corner thermostatic valve and lockshield valve / inox
Clamping fittings for Al/PE-X and Al/PERT pipes / inox

Thermostatic valve

corner – black



illustration image



Pack nr. 219L / black / left / Code: O37SWCL219

Pack nr. 219R / black / right / Code: O37SWCR219

Connection to copper pipes Ø 15 mm

Thermostatic head, design – black

Corner thermostatic valve and lockshield valve / black
Clamping fittings for copper pipes / chrome

Pack nr. 221L / black mat / left / Code: O39SWCL221

Pack nr. 221R / black mat / right / Code: O39SWCR221

Connection to copper pipes Ø 15 mm

Thermostatic head, design – black matt

Corner thermostatic valve and lockshield valve / black matt
Clamping fittings for copper pipes / chrome

Pack nr. 220L / black / left / Code: O37SWAL220

Pack nr. 220R / black / right / Code: O37SWAR220

Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm

Thermostatic head, design – black

Corner thermostatic valve and lockshield valve / black
Clamping fittings for Al/PE-X and Al/PERT pipes / chrome

Pack nr. 222L / black mat / left / Code: O39SWAL222

Pack nr. 222R / black mat / right / Code: O39SWAR222

Connection to copper pipes Ø 16×2 mm

Thermostatic head, design – black matt

Corner thermostatic valve and lockshield valve / black matt
Clamping fittings for Al/PE-X and Al/PERT pipes / chrome

Thermostatic valve direct



illustration image

Pack nr. 125 / white / Code: O37BFC-125 Connection to copper pipes Ø 15 mm

Thermostatic head / white
Direct thermostatic valve and lockshield valve / white
Clamping fittings for copper pipes / chrome

Pack nr. 126 / white / Code: O37BFA-126 Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm

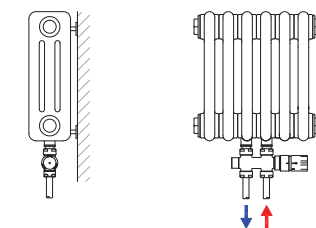
Thermostatic head / white
Direct thermostatic valve and lockshield valve / white
Clamping fittings for Al/PE-X and Al/PERT pipes / chrome

Pack nr. 127 / chrome / Code: O37CFC-127 Connection to copper pipes Ø 15 mm

Thermostatic head / chrome
Direct thermostatic valve and lockshield valve / chrome
Clamping fittings for copper pipes / chrome

Pack nr. 128 / chrome / Code: O37CFA-128 Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm

Thermostatic head / chrome
Direct thermostatic valve and lockshield valve / chrome
Clamping fittings for Al/PE-X and Al/PERT pipes / chrome



Pack nr. 129 / inox / Code: O37NFC-129 Connection to copper pipes Ø 15 mm

Thermostatic head / inox
Direct thermostatic valve and lockshield valve / inox
Clamping fittings for copper pipes / inox

Pack nr. 130 / inox / Code: O37NFA-130 Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm

Thermostatic head / inox
Direct thermostatic valve and lockshield valve / inox
Clamping fittings for Al/PE-X and Al/PERT pipes / inox

Thermostatic valve universal



illustration image

Pack nr. 131L / white / left / Code: O37BUCL131 Pack nr. 131R / white / right / Code: O37BUCR131 Connection to copper pipes Ø 15 mm

Thermostatic head / white
Universal centre thermostatic valve and lockshield valve / white
Clamping fittings for copper pipes / chrome

Pack nr. 132L / white / left / Code: O37BUAL132 Pack nr. 132R / white / right / Code: O37BUAR132 Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm

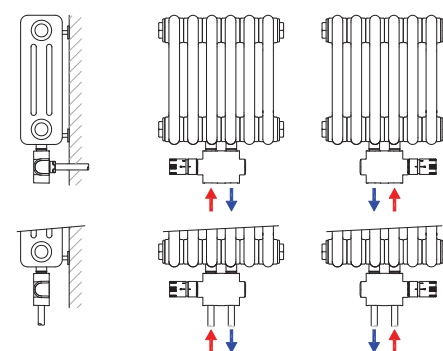
Thermostatic head / white
Universal centre thermostatic valve and lockshield valve / white
Clamping fittings for Al/PE-X and Al/PERT pipes / chrome

Pack nr. 133L / chrome / left / Code: O37CUCL133 Pack nr. 133R / chrome / right / Code: O37CUCR133 Connection to copper pipes Ø 15 mm

Thermostatic head / chrome
Universal centre thermostatic valve and lockshield valve / chrome
Clamping fittings for copper pipes / chrome

Pack nr. 134L / chrome / left / Code: O37CUAL134 Pack nr. 134R / chrome / right / Code: O37CUAR134 Connection to Al/PE-X and Al/PERT pipes Ø 16×2 mm

Thermostatic head / chrome
Universal centre thermostatic valve and lockshield valve / chrome
Clamping fittings for Al/PE-X and Al/PERT pipes / chrome



Lockshield set corner



illustration image

Pack nr. 160 / white / Order code: O37BRC-160 Connection to copper pipes Ø 15 mm

Thermostatic head, design white
Corner lockshield valve 2 pcs / white
Clamping fittings for copper pipes / chrome

Pack nr. 161 / white / Order code: O37BRA-161 Connection to Al/PE-X pipes Ø 16×2

Thermostatic head, design white
Corner lockshield valve 2 pcs / white
Clamping fittings for Al/PE-X pipes / chrome

Pack nr. 162 / chrome / Order code: O37CRC-162 Connection to copper pipes Ø 15 mm

Thermostatic head, design chrome
Corner lockshield valve 2 pcs / chrome
Clamping fittings for copper pipes / chrome

Pack nr. 163 / chrome / Order code: O37CRA-163 Connection to Al/PE-X pipes Ø 16×2

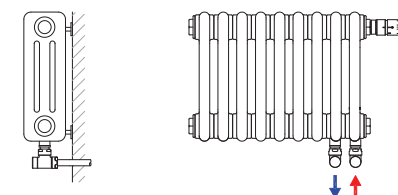
Thermostatic head, design chrome
Corner lockshield valve 2 pcs, design chrome
Clamping fittings for Al/PE-X pipes, design chrome

Pack nr. 164 / inox / Order code: O37NRC-164 Connection to copper pipes Ø 15 mm

Thermostatic head, design inox
Corner lockshield valve 2 pcs / inox
Clamping fittings for copper pipes / inox

Pack nr. 165 / inox / Order code: O37NRA-165 Connection to Al/PE-X pipes Ø 16×2

Thermostatic head, design inox
Corner lockshield valve 2 pcs / inox
Clamping fittings for Al/PE-X pipes / inox



Chrome connection cover

A chrome connection cover can be ordered
for all thermostatic sets.

Code: O37CU--901



Atol mounting options

ATOL radiators can be mounted on a wall, using hooks or brackets. The radiator utilizes feet (stands) for floor mounting.



W



G



R



F

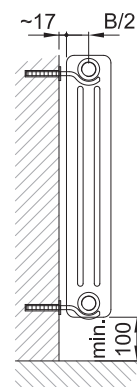


H

W - mounting on walls made of solid material

Designed for mounting ATOL units on walls made of solid bricks, blocks or cast concrete. The wall must comply with the minimum thickness requirements.

Number of elements	Radiator length	Number of hooks
4-21	214-996 mm	3 (2+1)
22-48	1 042-2 238 mm	4 (3+1)
49-60	2 284-2 790 mm	5 (4+1)



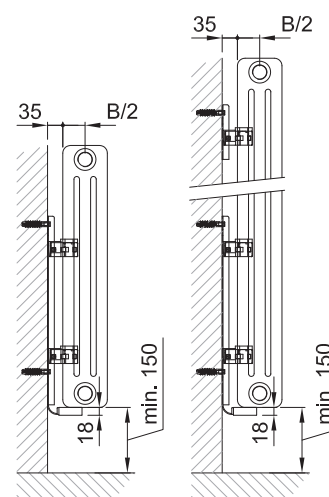
G - wall-mounting alternatives using GTX, GTX+GTXP brackets

These wall brackets provide an alternative to the W brackets, facilitating ATOL mounting on all other types of walls. Thinner walls and plasterboard walls require additional reinforcement to meet the load-bearing capacity requirements.

Number of elements	Radiator length	Number of brackets	
		GTX H ≤ 1000 mm	GTX + GTXP H > 1 000 mm
4-9	214-444 mm	2	2
10-20	490-950 mm	2	3
21-35	996-1 640 mm	3	4
36-48	1 686-2 238 mm	4	5
49-60	2 284-2 790 mm	5	6

Minimum number of elements for connection

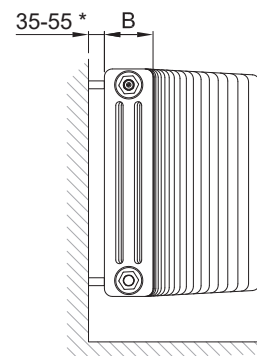
EF	5 elements
MA, AM	6 elements
SL, SR	6 elements
VL, VR	6 elements



R - wall mounting made of solid material, suitable for the Radius version.

Special brackets with the possibility of setting the distance from the wall. It is used with advantage for the arc radiators where the exact curvature of wall is not guaranteed. For this reason, the Radius models always require precise surveying directly on the construction site

Number of elements	Radiator length	Number of brackets straight Atol	Number of brackets Atol Radius
4-21	214-996 mm	3 (2 + 1)	4 (2 + 2)
22-48	1 042-2 238 mm	4 (3 + 1)	5 (3 + 2)
49-60	2 284-2 790 mm	5 (4 + 1)	6 (4 + 2)

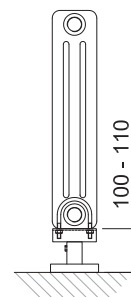


* C2 35-47 mm

F - Floor mounting

Stands designed to anchor the radiator to the floor. The radiator is fixed to the stands using clamps. Additional wall fastening is recommended (e.g. the W brackets) for higher radiators to prevent the floor anchoring from breaking.

Number of elements	Radiator length	Number of stands
5-21	260-996 mm	2
22-48	1 042-2 238 mm	3
49-60	2 284-2 790 mm	4



Plastic covers

Plastic covers are available in the following colours:



RAL 9016



RAL 9006



RAL 7024



RAL 9005

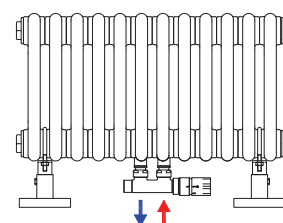
Minimum number of elements for connection

MA, AM: 6 elements

EF, VL, VR, SL, SR: 7 elements

Notice:

When selecting a design thermostatic set, make sure it does not collide with the F-stands (e.g. MA connection with the Pack nr.119R is suitable Atol with at least 12 elements)



MA, Pack nr.119R, 12 elements

H - Floor mounting **NEW PRODUCT**

Stands designed to anchor the radiator to the floor. The maximum height of the mounted radiator is 600 mm. The H mounting is not available for C2 radiators. Not available in special treatment surface S20.

Number of elements	Radiator length	Number of stands
5-21	260-996 mm	2
22-48	1 042-2 238 mm	3
49-60	2 284-2 790 mm	4

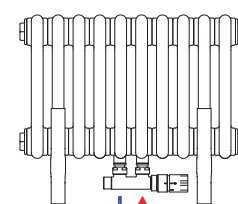
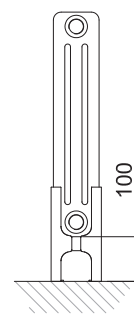
Maximum number of elements for connection

MA, AM: 6 elements

EF, VL, VR, SL, SR: 7 elements

Notice:

When choosing a designer thermostatic set, make sure that it is consistent with the H stands. (e.g. MA connection with thermostatic set No.119R is suitable for Atol units with at least 10 elements)



MA, Pack nr. 119R, 10 elements

How to order Atol column radiators



Radiator code example:
CAT20900026WAD01A

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
C	A	T	2	0	9	0	0	0	2	6	W	A	D	0	1	A
product			model	height			number of elements			mounting	connection	colour			Atyp	

Order → ATOL C2, height 900 mm, 26 elements, wall mounting, standard connection AD, colour RAL 9016

Code explanatory notes

Position 1, 2, 3	PRODUCT	e.g. CAT	CAT - ATOL column radiator; CAR - Atol Radius
Position 4	MODEL	e.g. 4	2 (C2), 3 (C3), 4 (C4), 5 (C5), 6 (C6)
Position 5, 6, 7, 8	HEIGHT [mm]	e.g. 600	300, 400, 500, 600, 750, 900, 1 000, 1 500, 1 800, 2 000, 2 500
Position 9, 10, 11	NUMBER OF ELEMENTS	2 - 60	2, 3, 4, 5, 6,, 60 > the number of elements can be affected based on: - the selected connection to the heating system (e.g. VL, VR) - the selected wall mounting (e.g. GTX) > for the maximum number of elements in each model see the Technical Parameters table
Position 12	MOUNTING	W	wall hook mounting
		G	GTX, GTX+P mounting
		F	floor stand
		H	floor stand
		R	wall mounting for arc Atol radius
Position 13, 14	CONNECTION	e.g. AB	AB, CD, AD, CB, DA, BC, BD, DB, CA, AC, BB, DD, EF, FE, HG, GH, TL, TR, MA, AM, SL, SR, VL, VR
Position 15, 16	COLOUR	e.g. 08	colour design as per the ISAN Colour Reference Chart (p.27)
Position 17	ATYP	A	atypical version of the radiator Atol

Adding style to your bathroom...



△ Atol C2

Accessories



Chrome hook - 2 pcs set

Order code: O15AM80-01



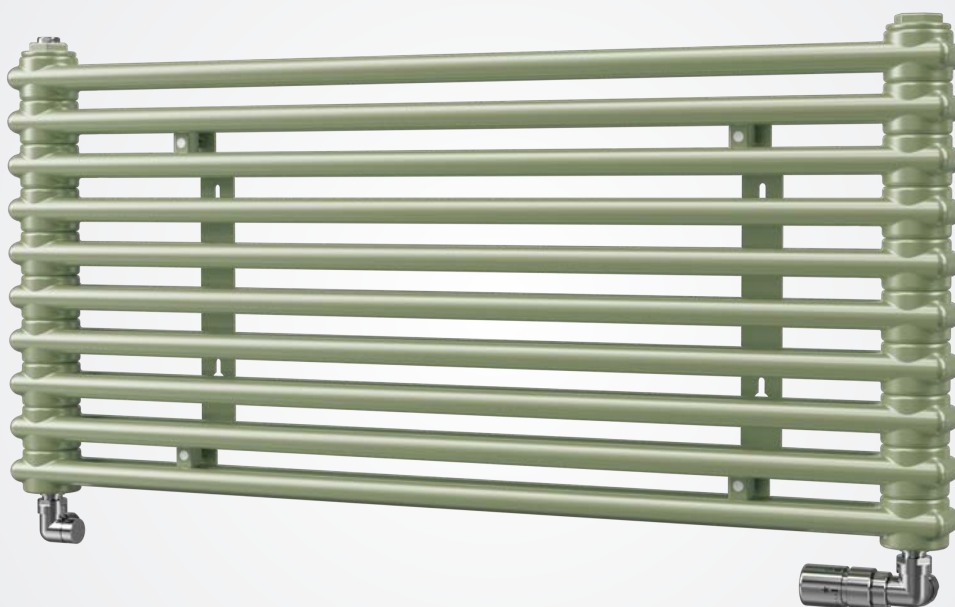
Chrome towel rail

- the spacing of the towel rail axes is 322 mm
- for ATOL with 9 or more elements

Order code: O15AM80-02

Atol Horizontal: Horizontal designer piece

Horizontally mounted Atol steel column radiators provide a suitable designer alternative to standard wall heating units. The horizontally arranged columns are both elegant and airy, sure to complement the interior with another aesthetic element that will keep you warm at the same time. The Atol Horizontal range offers two-pipe C2 or three-pipe C3 models, with a maximum height of 720 mm and a length of 2 000 mm. The radiators are available in a choice of colors as per the ISAN color coding or the basic RAL color chart.



△ Atol Horizontal C2

Technical details

Material	steel tubes diameter 25 mm thickness 1,25 mm
Max. operating overpressure	1 MPa (10 bar)
Testing overpressure	1,3 MPa (13 bar)
Max. operating temperature	95 °C
Basic colour	snow white RAL 9016
Connection thread	G1/2" (G3/4" or G1" on request)
Height of one element	46 mm +/- 1,5 %
Max. number of elements	see the Technical parameters table /page 20

Features

- Elegant radiators with a smooth surface
- Round edges to minimize the risk of injury
- Easy service and cleaning
- High heat output

Basic specifications

- Models: C2, C3
- Length: 1 000, 1 200, 1 500, 1 800, 2 000 mm
- Height: 260 - 720 mm in step 46 mm (5-15 elements)

Retro style in horizontal design...



△ Atol Horizontal C2



△ Atol Horizontal C2



△ Atol Horizontal C3

Parameters and heating outputs specifications

Length, connection spacing, (UV, VU, XV, YU), width, temperature exponent, water volume, weight

Radiator type	Length L	Connection spacing A1*	Width B	Water volume 1 element	Weight 1 element	Heat output 75/65/20 °C 1 element	Heat output 55/45/20 °C 1 element	Temperature exponent n	Maximum number of elements
	[mm]	[mm]	[mm]	[l]	[kg]	[W]	[W]	[-]	
C2 	1 000	930	66	0,97	1,49	71,7	37,5	1,27	15
	1 200	1 130	66	1,13	1,78	85,7	44,3	1,29	15
	1 500	1 430	66	1,37	2,21	107,1	55,1	1,30	15
	1 800	1 730	66	1,61	2,65	129,0	66,1	1,31	15
	2 000	1 930	66	1,77	2,94	144,0	73,7	1,31	15
C3 	1 000	930	107	1,43	2,38	98,6	51,8	1,26	15
	1 200	1 130	107	1,67	2,82	117,7	61,2	1,28	15
	1 500	1 430	107	2,03	3,47	146,7	75,5	1,30	15
	1 800	1 730	107	2,39	4,13	176,4	89,4	1,33	15
	2 000	1 930	107	2,62	4,56	196,6	100,2	1,32	15

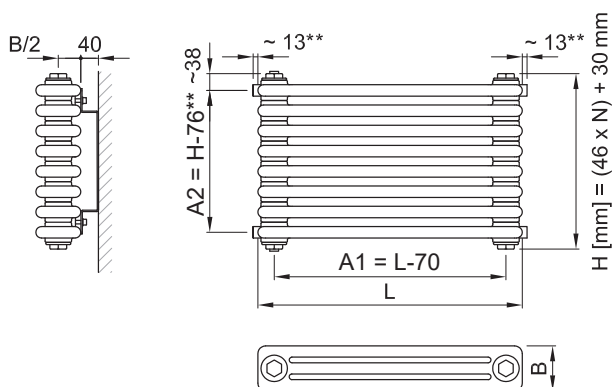
* for UV, VU, XV and YU connection options

Number of elements, height, connection spacing (JK, NP, JP, NK)

Number of elements N [pcs]	5	6	7	8	9	10	11	12	13	14	15
Radiator height H [mm]	260	306	352	398	444	490	536	582	628	674	720
Connection spacing A2* [mm]	184	230	276	322	368	414	460	506	552	598	644

* for JK, NP, JP and NK connection options

Dimensional drawing

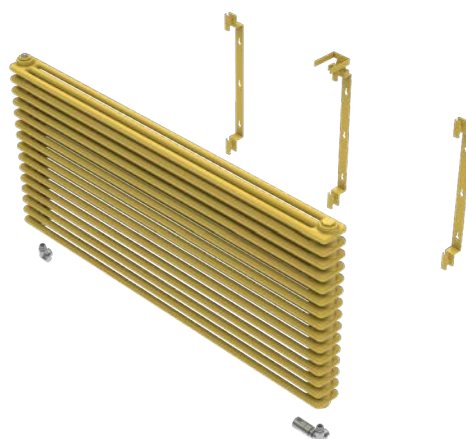


L - length [mm], H height [mm], A connection spacing [mm], N number of elements [pcs]

** applies to models equipped with a coupling sleeve

Mounting

S - wall-mounting for Atol Horizontal



Length	Number of brackets
1 000–1 200 mm	2
1 500–2 000 mm	3

Connection options

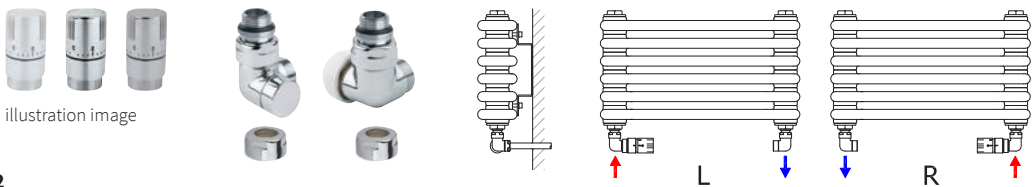


Designer Thermostatic Packs

Thermostatic set

Angular – triax

Pack nr. 101–106. Order code p. 11–12



Thermostatic set

Direct

Pack nr. 107–112. Order code p. 11–12



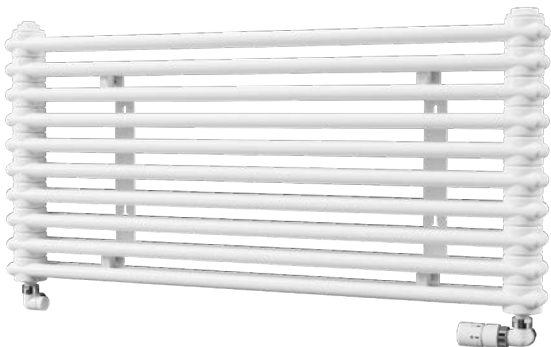
Thermostatic set

Corner

Pack nr. 113–118. Order code p. 11–12



How to order column radiators Atol Horizontal



Radiator code example:
CAH21200010SUV01-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
C	A	H	2	1	2	0	0	0	1	0	S	U	V	0	1	-
product			model	length			number of elements			mounting	connection		colour		atyp	

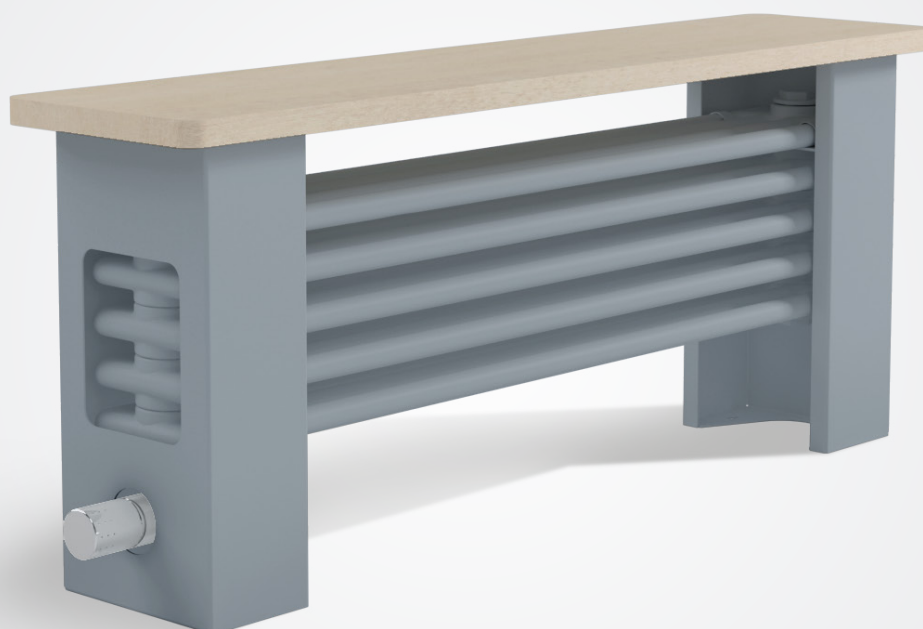
Order → ATOL HORIZONTAL C2, height 10 elements (490 mm), length 1200 mm, mounting S, connection UV, colour RAL9016

Code explanatory notes

Position 1, 2, 3	PRODUCT	CAH	Atol Horizontal
Position 4	MODEL	e.g. 3	2 (C2), 3 (C3)
Position 5, 6, 7, 8	LENGTH	e.g. 1 200	1 000, 1 200, 1 500, 1 800, 2 000 mm
Position 9, 10, 11	NUMBER OF ELEMENTS	e.g. 10	5-15 number
Position 12	MOUNTING	S	wall brackets
Position 13, 14	CONNECTION	e.g. UV	JK, NP, JP, NK, UV, VU, XV, YU
Position 15, 16	COLOUR	e.g. 01	colour design as per the ISAN Colour Reference Chart (p.27)
Position 17	ATYP	A	atypical version of the radiator Atol

Atol Bench: Heating bench

The Atol radiator is placed horizontally between a pair of stable sideboards. The upper part features a massive wooden board. The radiator can be used to sit or place things on, providing a practical solution to room heating.



△ Atol Bench L4 Birch

Technical data

Material	solid feet board heating unit	steel according to the selection Atol C4 · 5 elements · Ø 25 mm pipe · 1.25 mm thick
Max. operating overpressure		1 MPa (10 bar)
Test overpressure		1,3 MPa (13 bar)
Max. operating temperature		95 °C
Basic colour		snow white RAL 9016
Connection threads		G1/2"

Features

- Stable feet
- Concealed connection fittings
- Massive beech top
- Wide colour selection

Suitable for use in

- public buildings
- entrance areas, corridors
- gymnasiums
- changing rooms, hallways

Have a seat and enjoy the beauty of winter ...



△ Atol Bench L4 Maple



△ Atol Bench L4 Beech natur / varnished



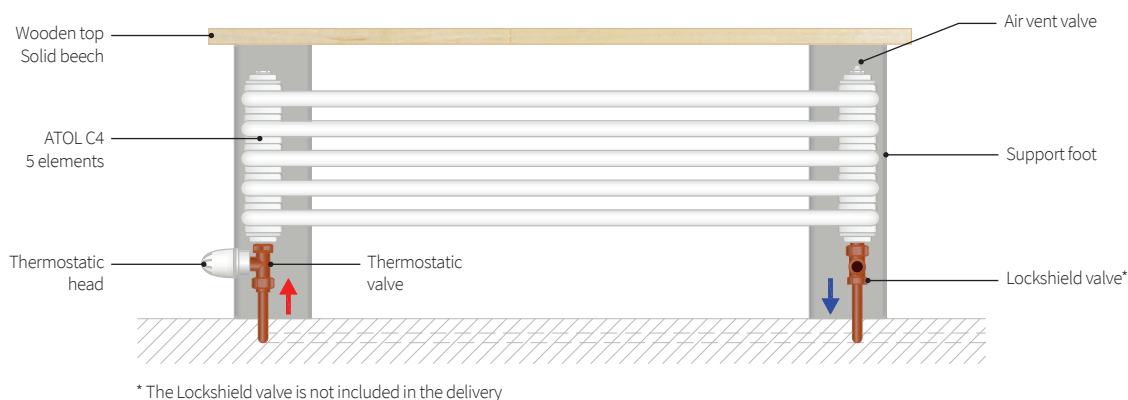
△ Atol Bench L4 Oak natur / varnished



△ Atol Bench L4 Maple / varnished

Atol Bench structure

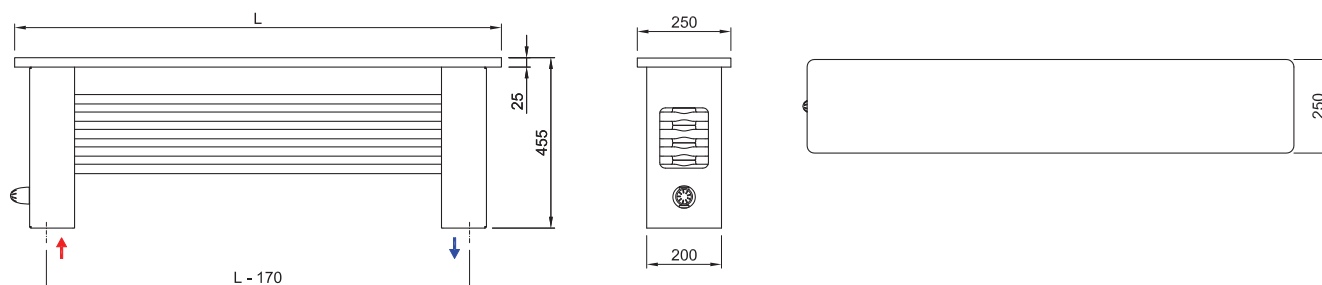
The five-column Atol C4 is installed horizontally just below the wooden top. The heater comes with a radiator valve and a white thermostatic head.



Standard parameters

Type	Bench dimensions [mm]			Connection spacing [mm]	Weight [kg]	Output [W] 75/65/20 °C
	Height	Length	Width			
Atol Bench L4	455	1 100	250	930	27,5	466
Atol Bench L4	455	1 300	250	1 130	31,8	555
Atol Bench L4	455	1 600	250	1 430	35,7	687

Dimensional sketch

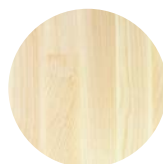


Create your own design

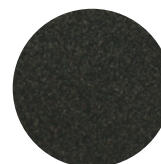
A heating unit concealed in an elegant frame that can be used as a bench, a place to put things on, or a shelf for house plants. The top board is made of beech, oak, maple or birch wood. The right combination of colours will help you achieve another original aesthetic expression of the Atol Bench. The legs and the unit itself can be finished in different colours.



Top design + feet colour + heating unit colour



Maple



Anthracit [S02]



RAL 9016 [S01]

Available wooden top designs

The top boards come in four versions made of solid wood. All boards are coated with a clear varnish. For other options, including the use of different wood or your own board, contact the ISAN Technical Department.



Beech natur



Oak natur



Maple



Birch

Note: Please specify any wood finish other than Beech natur in a note following the order code.

How to order Atol Bench column radiators



Radiator code example:
CAB4L4551100SF01A

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
C	A	B	4	L	4	5	5	1	1	0	0	S	F	0	1	A
product			model	side	height			length				connection		colour		atyp

Order→ ATOL BENCH C4, side L, height 455 mm, length 1 100 mm, connection S F, colour RAL 9016

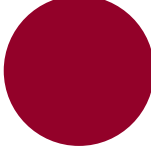
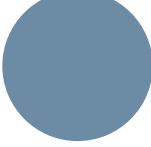
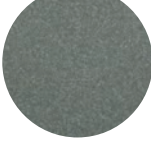
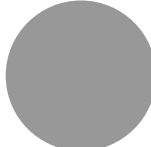
Code explanatory notes

Position 1, 2, 3	PRODUCT	CAB	Atol bench heater
Position 4	MODEL	4	Installed heating unit: Atol C4
Position 5	SIDE	e.g. L	L, P - left-sided bench heater connection (note: the right or left design is identical for standard connection)
Position 6, 7, 8	HEIGHT	455	Atol bench heater height
Position 9, 10, 11, 12	LENGTH	e.g. 1 100	1 100, 1 300, 1 600 mm
Position 13	S	S	water connection: inlet on one side and outlet on the other
Position 14	F	F	heating water conducted into the floor
Position 15,16	COLOUR	e.g. 01	colour design as per the ISAN Colour Reference Chart (page 27)
Position 17	ATYP	A	atypical version of the radiator Atol



△ Atol C2

Colour Reference Chart

	colour series RAL 9016 shade snow-white finish - extra charge - order code 01		colour series S09 shade snow-white finish texture extra charge ✓ order code 68		colour series RAL 9001 shade ivory finish - extra charge ✓ order code 04
	colour series S31 shade champagne finish metallic extra charge ✓ order code 25		colour series RAL 9018 shade papyrus finish - extra charge ✓ order code 14		colour series S08 shade ivory finish texture extra charge ✓ order code 67
	colour series S26 shade lime finish - extra charge ✓ order code 09		colour series S27 shade khaki finish texture extra charge ✓ order code 21		colour series S36 shade antique gold finish metallic extra charge ✓ order code 48
	colour series S32 shade pink coral finish texture extra charge ✓ order code 26		colour series RAL 3002 shade fiery red finish - extra charge ✓ order code 08		colour series S34 shade ruby finish - extra charge ✓ order code 28
	colour series S13 shade sandstone finish texture extra charge ✓ order code 72		colour series S28 shade gold olive finish texture extra charge ✓ order code 22		colour series RAL 6021 shade linden green finish - extra charge ✓ order code 06
	colour series S29 shade aquamarine finish metallic extra charge ✓ order code 23		colour series RAL 5014 shade pigeon blue finish - extra charge ✓ order code 07		colour series S30 shade sapphire finish texture extra charge ✓ order code 24
	colour series S33 shade lava ash finish texture extra charge ✓ order code 27		colour series S03 shade copper finish metallic extra charge ✓ order code 62		colour series S19 shade brass finish metallic extra charge ✓ order code 83
	colour series S38 shade dark grey finish texture extra charge ✓ order code 50		colour series S05 shade silver finish metallic extra charge ✓ order code 64		colour series S37 shade light grey finish texture extra charge ✓ order code 49
	colour series S02 shade anthracite finish metallic extra charge ✓ order code 61		colour series S35 shade cinnamon finish texture extra charge ✓ order code 29		colour series S10 shade slate finish texture extra charge ✓ order code 69
Other K7 CLASSIC chart colours (excluding metallic and neon colours) 1-10 pc / extra surcharge Over 10 pc / individual calculation Metallic and neon colours / individual calculation			colour series RAL 9005 shade black finish - extra charge ✓ order code 19		colour series S40 shade black velvet finish mat extra charge ✓ order code 51
Special treatment			colour series S41 shade RAL 9016 finish antibacterial* extra charge ✓ order code 88		colour series S20 shade transparent paint finish transparent paint extra charge ✓ order code 84

*A silver-ion antibacterial finish provides protection against a wide range of bacteria and fungi.

The S20 "transparent paint" finish allows for visibility of the underlying surface, i.e. the steel radiator itself. All welds, processing features and the different shades of steel used (depending on the material supply) are visible. The progressive corroded appearance under the coating constitutes a natural material degradation and as such is not subject to a claim.



isan.cz/en/



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