



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, ML, MR)	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



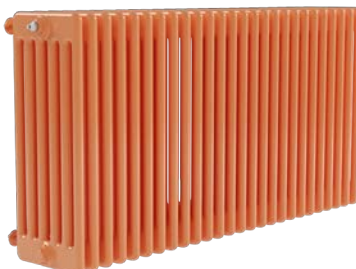
△ Atol C3



△ 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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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, ML, MR)	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

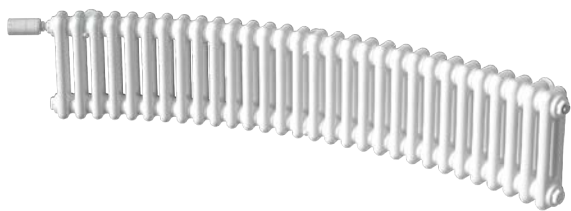
## Atol Radius options

- 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 2 000 mm**

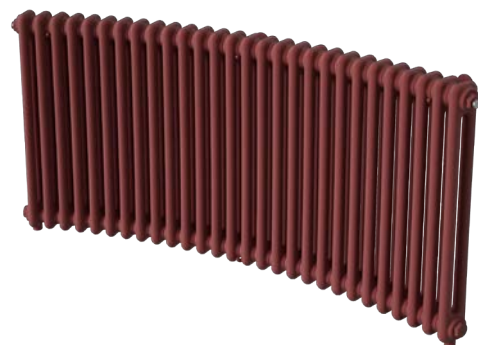
*When you need to conform to shape constraints...*



△ 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.

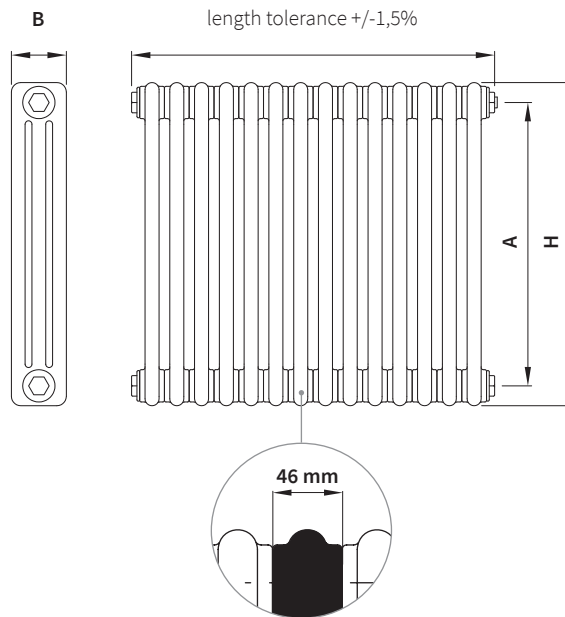
**Unit length** - determined by the sum of the length of the columns used, which is 46 mm. Add 30 mm for the plugs and do not forget to leave some room for the connection fittings/valves.

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.



$$L \text{ [mm]} = (46 \times \text{number of elements}) + 30 \text{ mm}$$

length tolerance +/-1,5%

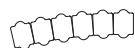
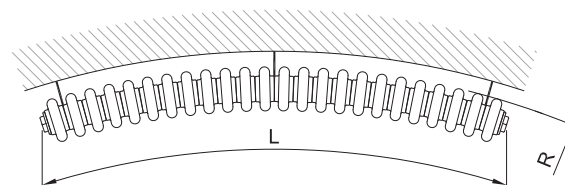
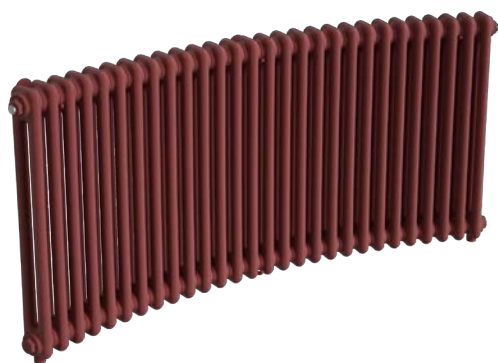


Dimensions of the radiator above:

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

# How to determine the radiator radius

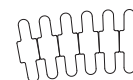
When considering installing a curved radiator, particular attention should be devoted to determining the radius of the wall curvature. The measurements usually need to be taken directly on site.



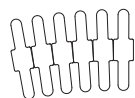
**C2**  
R = min. 1 100



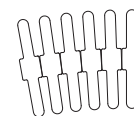
**C3**  
R = min. 1 150



**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**

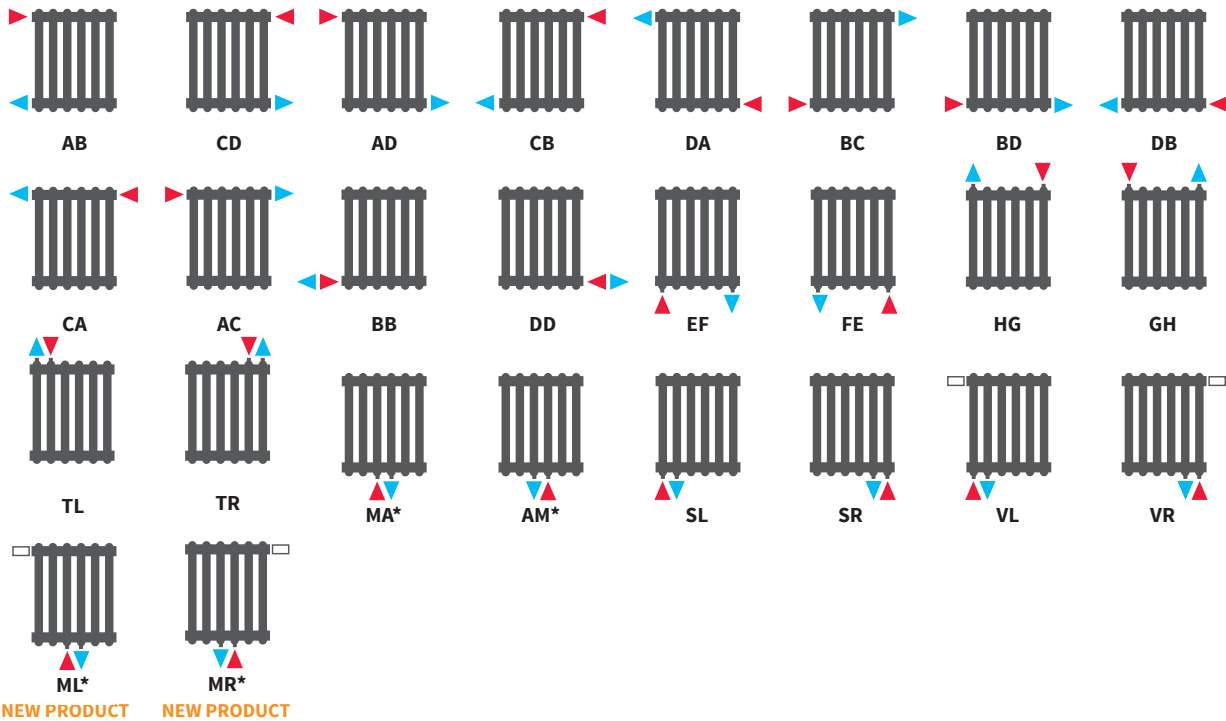
# Heat output and technical parameters / 1 element

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]	
	<b>C2</b>	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		
	<b>C3</b>	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		
	<b>C4</b>	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		
	<b>C5</b>	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		
	<b>C6</b>	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

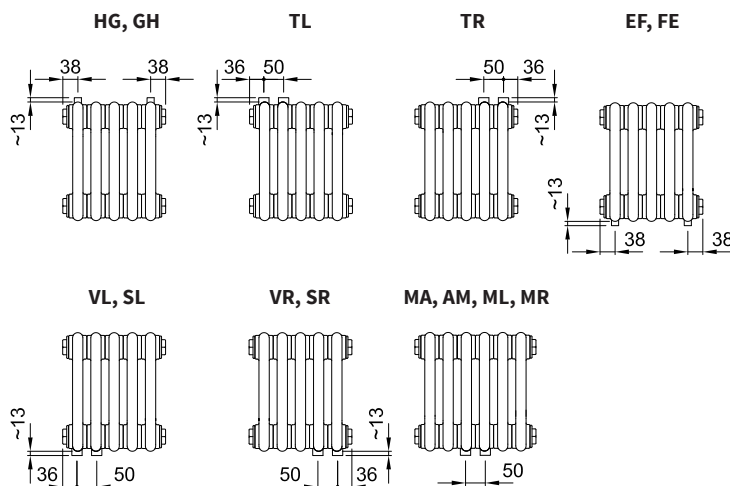
Heating system lines can be conducted in floors, in walls, under ceilings or through entries between floor levels. To facilitate connection to the heating system, the Atol comes in a range of design variations, including a combined heating water inlet and outlet. Specify your preferred connection by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

## Connection options



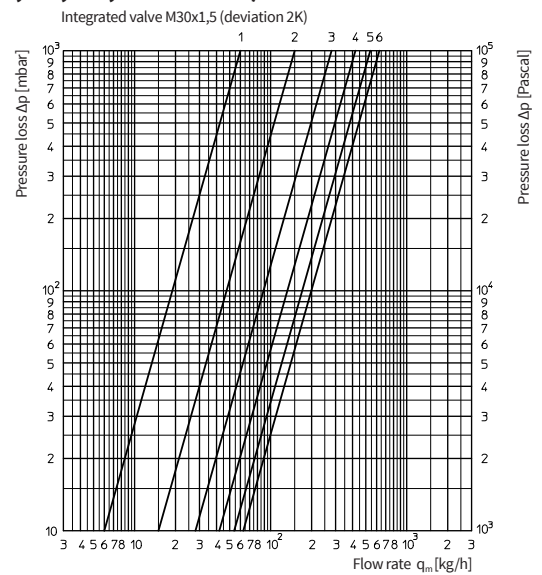
\* The centre connection (MA, AM, ML, MR) requires an even number of elements

## ATOL connection details



When installing, please note the length tolerance of the body dimension +/-1.5%

## Integrated thermostatic valve parameters (VL, VR, ML, MR models)

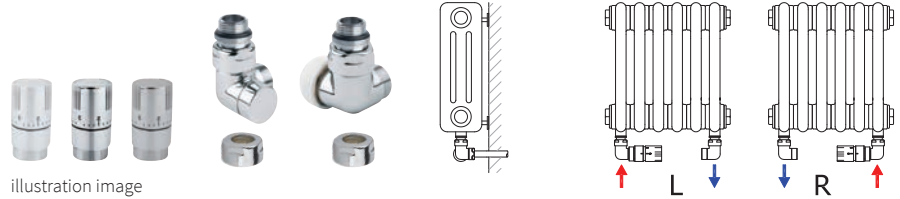


P-deviation	2K					
Pre-setting	1	2	3	4	5	6
kv	0.06	0.15	0.28	0.42	0.54	0.63

# 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.

## 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

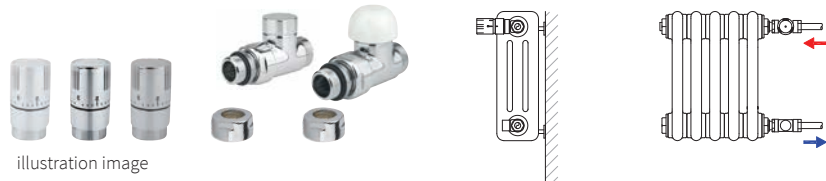
Thermostatic head, design - chrome  
Valve - angular thermostatic valve and lockshield valve / chrome  
Clamping fittings for Al/PE-X and Al/PERT pipes / chrome

**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



**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

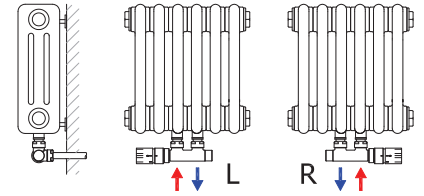
**Pack nr. 118 / inox / Code: O37NRA-118**

**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. 120L / white / left / Code: O37BWAL120**

**Pack nr. 120R / white / right / Code: O37BWAR120**  
Connection to Al/PE-X and Al/PERT pipes Ø 16x2 mm

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

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

**Pack nr. 121R / chrome / right / Code: O37CWC121**  
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. 122L / chrome / left / Code: O37CWAL122**

**Pack nr. 122R / chrome / right / Code: O37CWAR122**  
Connection to Al/PE-X and Al/PERT pipes Ø 16x2 mm

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

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

**Pack nr. 123R / inox / right / Code: O37NWC123**  
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. 124L / inox / left / Code: O37NWAL124**

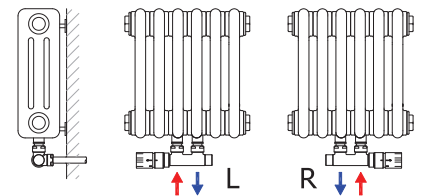
**Pack nr. 124R / inox / right / Code: O37NWAR124**  
Connection to Al/PE-X and Al/PERT pipes Ø 16x2 mm

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. 220L / black / left / Code: O37SWAL220**

**Pack nr. 220R / black / right / Code: O37SWAR220**  
Connection to Al/PE-X and Al/PERT pipes Ø 16x2 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. 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. 222L / black mat / left / Code: O39SWAL222**

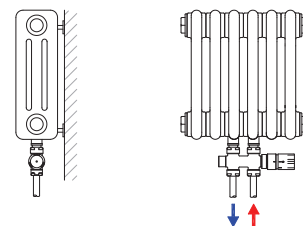
**Pack nr. 222R / black mat / right / Code: O39SWAR222**  
Connection to copper pipes Ø 16x2 mm

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 16x2 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 16x2 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 16x2 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. 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. 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. 134L / chrome / left / Code: O37CUAL134**

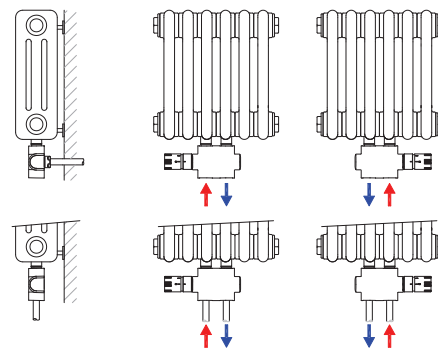
**Pack nr. 134R / chrome / right / Code: O37CUAR134**

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

Thermostatic head / chrome

Universal centre thermostatic valve and lockshield valve / chrome

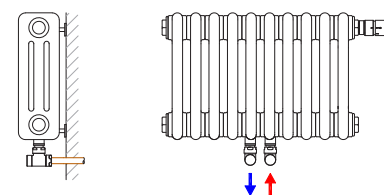
Clamping fittings for Al/PE-X and Al/PERT pipes / chrome



## 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. 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. 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. 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. 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. 165 / inox / Order code: O37NRA-165**

**Connection to Al/PE-X pipes Ø 16×2**

Thermostatic head, design inox

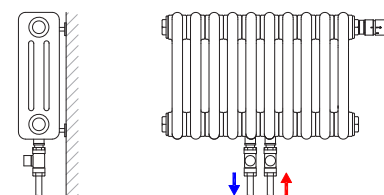
Corner lockshield valve 2 pcs / inox

Clamping fittings for Al/PE-X pipes / inox

## Lockshield set direct



illustration image



**Pack nr. 151 / white / Order code: O37BPC-151**

**Connection to copper pipes Ø 15 mm**

Thermostatic head, design white

Direct lockshield valve 2 pcs / white

Clamping fittings for copper pipes / chrome

**Pack nr. 153 / chrome / Order code: O37CPC-153**

**Connection to copper pipes Ø 15 mm**

Thermostatic head, design chrome

Direct lockshield valve 2 pcs / chrome

Clamping fittings for copper pipes / chrome

**Pack nr. 155 / inox / Order code: O37NPC-155**

**Connection to copper pipes Ø 15 mm**

Thermostatic head, design inox

Direct lockshield valve 2 pcs / inox

Clamping fittings for copper pipes / inox

**Pack nr. 152 / white / Order code: O37BPA-152**

**Connection to Al/PE-X pipes Ø 16×2**

Thermostatic head, design white

Direct lockshield valve 2 pcs / white

Clamping fittings for Al/PE-X pipes / chrome

**Pack nr. 154 / chrome / Order code: O37CPA-154**

**Connection to Al/PE-X pipes Ø 16×2**

Thermostatic head, design chrome

Direct lockshield valve 2 pcs, design chrome

Clamping fittings for Al/PE-X pipes, design chrome

**Pack nr. 156 / inox / Order code: O37NPA-156**

**Connection to Al/PE-X pipes Ø 16×2**

Thermostatic head, design inox

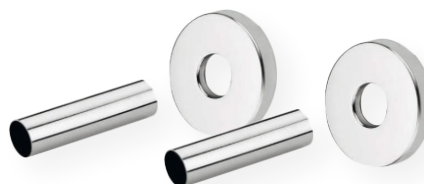
Direct lockshield valve 2 pcs / inox

Clamping fittings for Al/PE-X pipes / inox

## Chrome connection cover

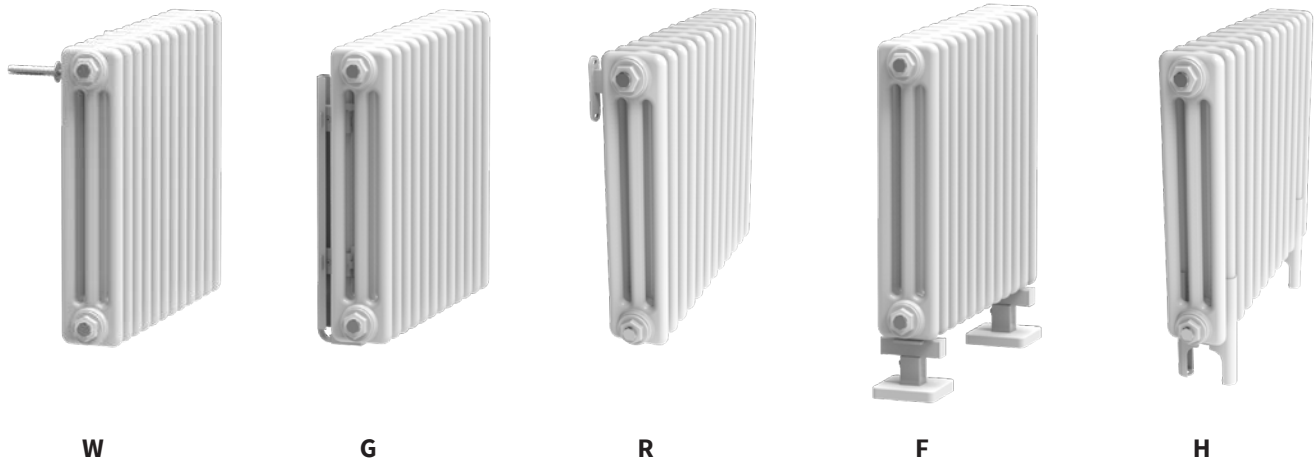
A chrome connection cover can be ordered for all thermostatic sets.

**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.

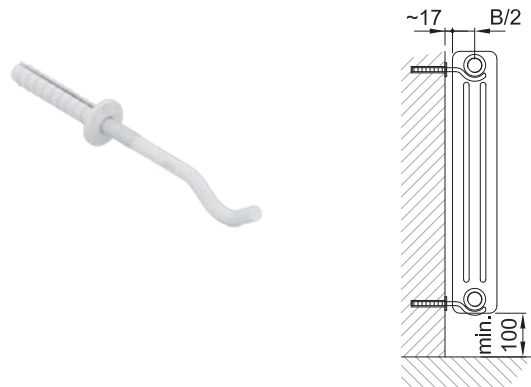


## W - mounting on walls made of solid material

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)

**Minimum number of elements for connection**  
ML, MR 6 elements

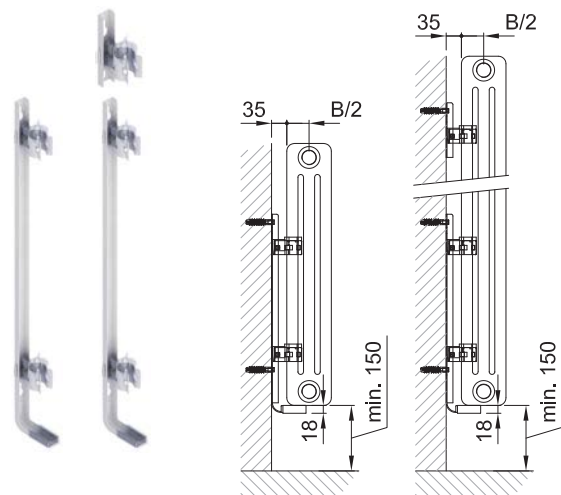


## G - wall-mounting alternatives using GTX, GTX+GTXP brackets

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
5-9	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

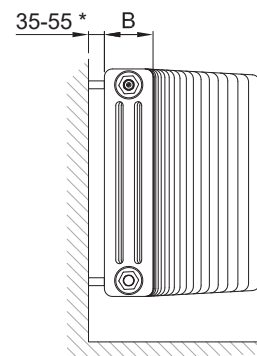
**Minimum number of elements for connection**  
MA, AM, SL, SR, VL, VR, ML, MR 6 elements



## 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

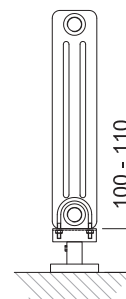
### Minimum number of elements for connection

ML, MR 6 elements

## 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

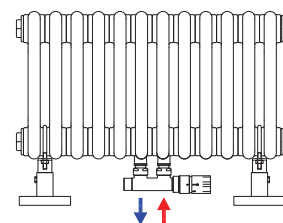
MA, AM 10 elements

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

ML, MR 6 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

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

### Minimum number of elements for connection

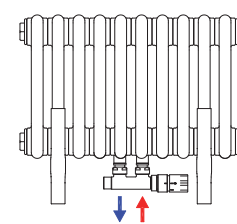
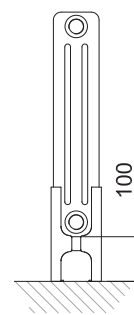
MA, AM 10 elements

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

ML, MR 6 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
<b>C</b>	<b>A</b>	<b>T</b>	<b>2</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>W</b>	<b>A</b>	<b>D</b>	<b>0</b>	<b>1</b>	<b>A</b>
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

<b>Position 1, 2, 3</b>	PRODUCT	e.g. CAT	CAT - ATOL column radiator; CAR - Atol Radius
<b>Position 4</b>	MODEL	e.g. 4	2 (C2), 3 (C3), 4 (C4), 5 (C5), 6 (C6)
<b>Position 5, 6, 7, 8</b>	HEIGHT [mm]	e.g. 0600	0300, 0400, 0500, 0600, 0750, 0900, 1 000, 1 500, 1 800, 2 000, 2 500
<b>Position 9, 10, 11</b>	NUMBER OF ELEMENTS	004 - 060	004, 005, 006, ..... , 060 > 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
<b>Position 12</b>	MOUNTING	W	wall hook mounting
		G	GTX, GTX+P mounting
		F	floor stand
		H	floor stand
		R	wall mounting for arc Atol radius
<b>Position 13, 14</b>	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, ML, MR
<b>Position 15, 16</b>	COLOUR	e.g. 08	colour design as per the ISAN Colour Reference Chart (p.27)
<b>Position 17</b>	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]	[-]	
<b>C2</b> 	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
<b>C3</b> 	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

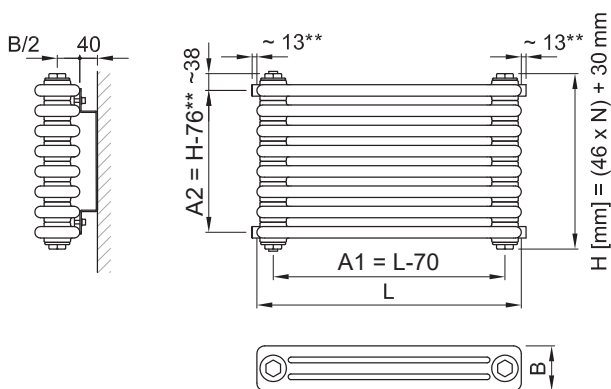
\* for UV, VU, XV and YU connection options

## 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

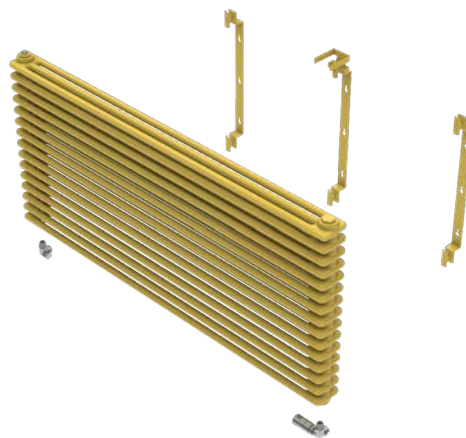


L - length [mm], H height [mm], A connection spacing [mm], N number of elements [pcs]  
The tolerance of the height dimension H is +/- 1.5%

\*\* 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



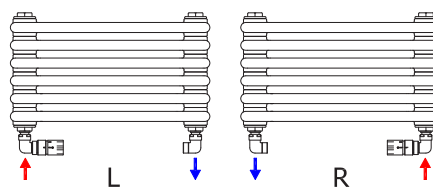
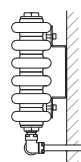
# Designer Thermostatic Packs

Thermostatic set

## Angular – triax



illustration image



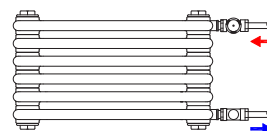
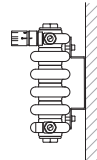
Pack nr. 101–106. Order code p. 11–12

Thermostatic set

## Direct



illustration image



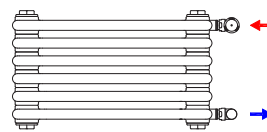
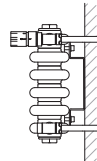
Pack nr. 107–112. Order code p. 11–12

Thermostatic set

## Corner

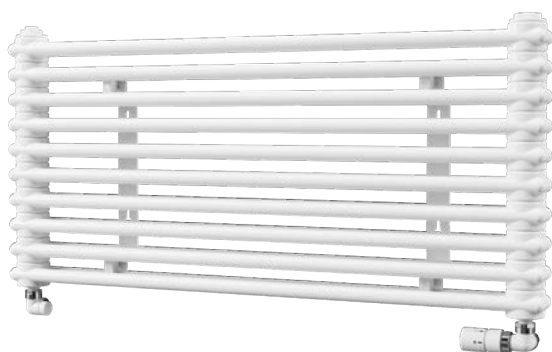


illustration image



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	

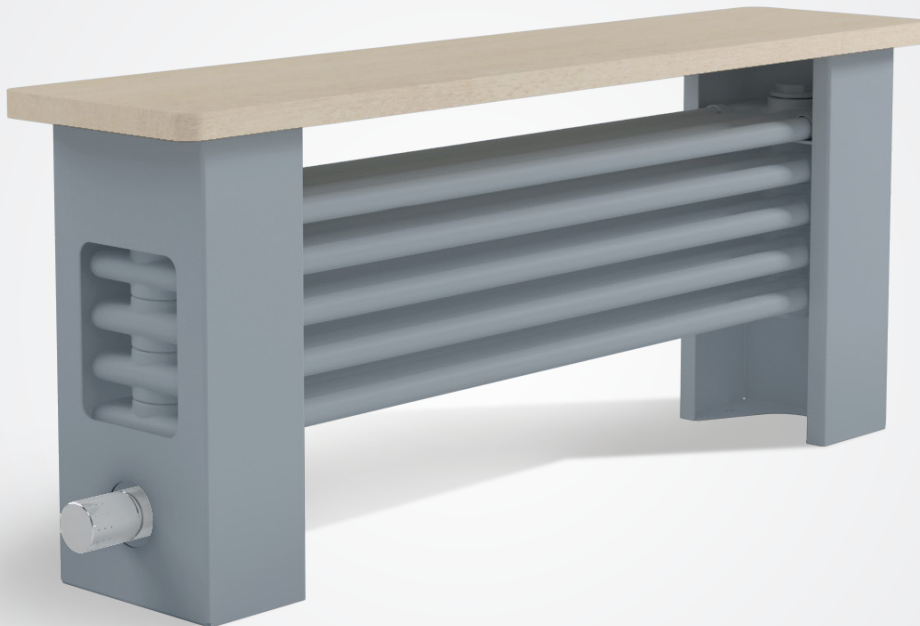
Order → ATOL HORIZONTAL C2, height 10 elements (490 mm), length 1200 mm, mounting S, connection UV, colour RAL9016

### Code explanatory notes

<b>Position 1, 2, 3</b>	PRODUCT	CAH	Atol Horizontal
<b>Position 4</b>	MODEL	e.g. 3	2 (C2), 3 (C3)
<b>Position 5, 6, 7, 8</b>	LENGTH	e.g. 1 200	1 000, 1 200, 1 500, 1 800, 2 000 mm
<b>Position 9, 10, 11</b>	NUMBER OF ELEMENTS	e.g. 010	005-015 number
<b>Position 12</b>	MOUNTING	S	wall brackets
<b>Position 13, 14</b>	CONNECTION	e.g. UV	JK, NP, JP, NK, UV, VU, XV, YU
<b>Position 15, 16</b>	COLOUR	e.g. 01	colour design as per the ISAN Colour Reference Chart (p.27)
<b>Position 17</b>	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



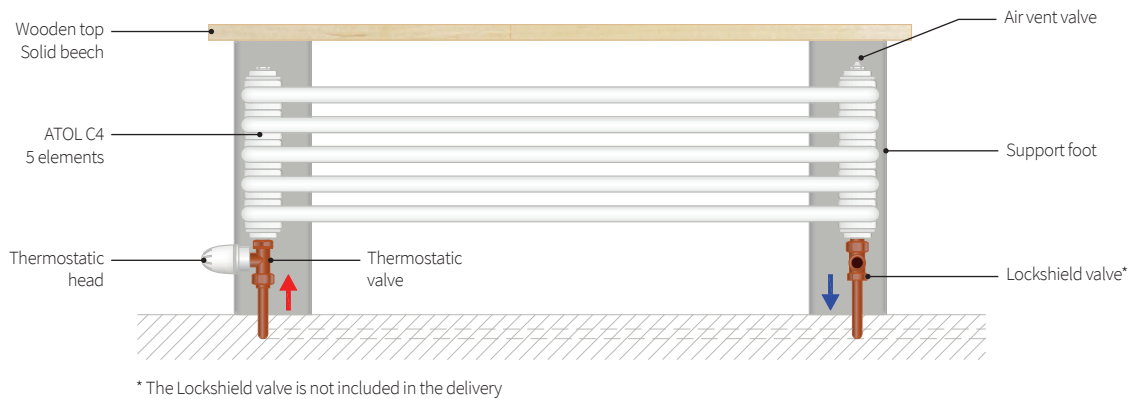
△ Atol Bench L4 Oak natur / varnished



△ Atol Bench L4 Maple / varnished

# Atol Bench structure

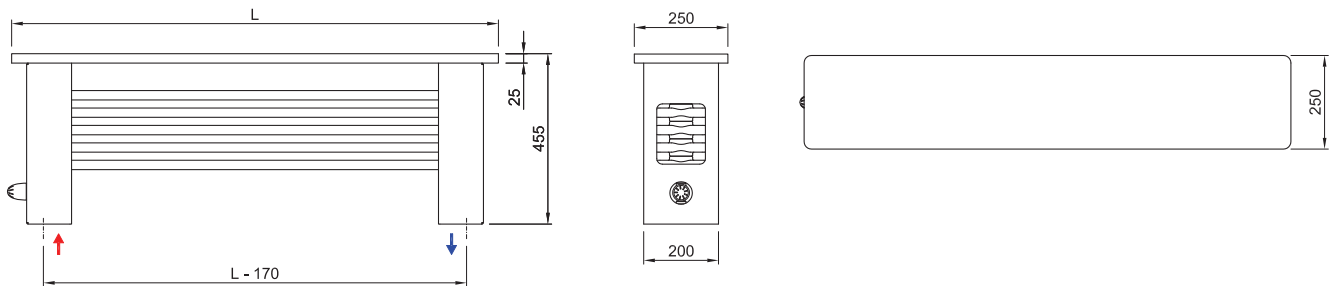
The five-column Atol C4 is installed horizontally just below the wooden top. The heater comes with a radiator valve and a white thermostatic head.



## 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

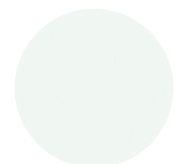
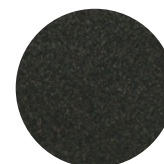
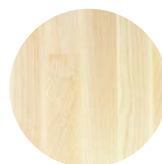


## Create your own design

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



## 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
<b>C</b>	<b>A</b>	<b>B</b>	<b>4</b>	<b>L</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>S</b>	<b>F</b>	<b>0</b>	<b>1</b>	<b>A</b>
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

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



△ Atol C2

# Colour Reference Chart

	colour series <b>RAL 9016</b> shade snow/traffic white finish gloss extra charge - code 01		colour series <b>RAL 9016 MAT</b> shade white matt finish matt extra charge ✓ code 05		colour series <b>S09</b> shade snow-white finish texture extra charge ✓ code 68
	colour series <b>RAL 9001 MAT</b> shade ivory finish matt extra charge ✓ code K9		colour series <b>RAL 1015</b> shade jasmine finish gloss extra charge ✓ code 12		colour series <b>S08</b> shade ivory finish texture extra charge ✓ code 67
	colour series <b>S13</b> shade sandstone finish texture extra charge ✓ code 72		colour series <b>S31</b> shade champagne finish metallic extra charge ✓ code 25		colour series <b>S75</b> shade light gold finish metallic extra charge ✓ code L1
	colour series <b>S36</b> shade antique gold finish metallic extra charge ✓ code 48		colour series <b>S19</b> shade brass finish metallic extra charge ✓ code 83		colour series <b>S28</b> shade gold olive finish texture extra charge ✓ code 22
	colour series <b>S03</b> shade copper finish metallic extra charge ✓ code 62		colour series <b>S35</b> shade cinnamon finish texture extra charge ✓ code 29		colour series <b>S59</b> shade dark brown finish matt extra charge ✓ code H4
	colour series <b>S66</b> shade brown quartz finish texture extra charge ✓ code J9		colour series <b>RAL 6009</b> shade fir green finish gloss extra charge ✓ code 43		colour series <b>S30</b> shade sapphire finish texture extra charge ✓ code 24
	colour series <b>RAL6027 MAT</b> shade light green finish matt extra charge ✓ code K5		colour series <b>S29</b> shade aquamarine finish metallic extra charge ✓ code 23		colour series <b>RAL 7040</b> shade window grey finish gloss extra charge ✓ code 31
	colour series <b>S23</b> shade pearl grey finish texture extra charge ✓ code 86		colour series <b>S05</b> shade silver finish metallic extra charge ✓ code 64		colour series <b>S33</b> shade lava ash finish texture extra charge ✓ code 27
	colour series <b>RAL 7006 MAT</b> shade beige grey finish matt extra charge ✓ code C7		colour series <b>S02</b> shade anthracite finish metallic extra charge ✓ code 61		colour series <b>S22</b> shade pearl black finish texture extra charge ✓ code 85
	colour series <b>S40</b> shade black velvet finish matt extra charge ✓ code 51		colour series <b>RAL 9005</b> shade black finish gloss extra charge ✓ code 19		
Special treatment					
	colour series <b>S20</b> shade transparent paint finish gloss extra charge ✓ code 84		colour series <b>S41 antibacterial*</b> shade snow white finish gloss extra charge ✓ code 88		

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

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.



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