

Paros V | Technical Data Sheet

Description

The minimalistic design of **Paros V** stands out in every room, whether the living room, bedroom or kitchen. It is narrow and discrete and provides a very high heating effect although the space is limited. The side covers are integrated with a decorative front plate in one elegant edged casing glued to the core radiator body. Complete with brackets set including rails, screws and dowels with mounting instruction, 3 brass blind plugs and air-vent. Extra accessories like towel rail in high-quality stainless steel or thermostatic valves and heads are available as accessories to order separately.

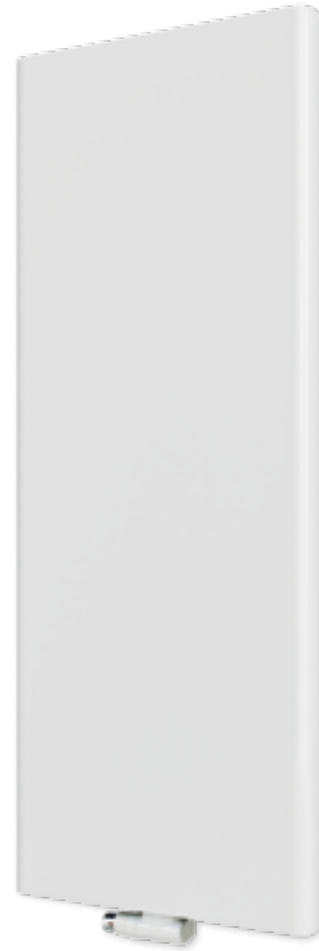
Connections

4 x G 1/2 " bottom connections

2 x G 1/2 " top connections – for mounting plug and air vent.

Accessories bundled with the radiator

Wall brackets with screws and dowels, 3 brass blind plugs, air vent



* Thermostatic valve + head set presented on the image is not included. This accessory must be order separately.



max. 10 bar



max. 110 °C



Brand

All Purmo Group brands

Product

Paros V

Material

High-quality cold rolled steel sheet in accordance with EN 10130

Spacing of vertical water channels

33.3 mm

Conformity

CE test report EN 442

Colours

RAL 9016 white, other colours from the RAL colour palette are available on request.

Max operating pressure (MOP)

10 bar

Max test pressure

13 bar

Max operating temperature

110 °C

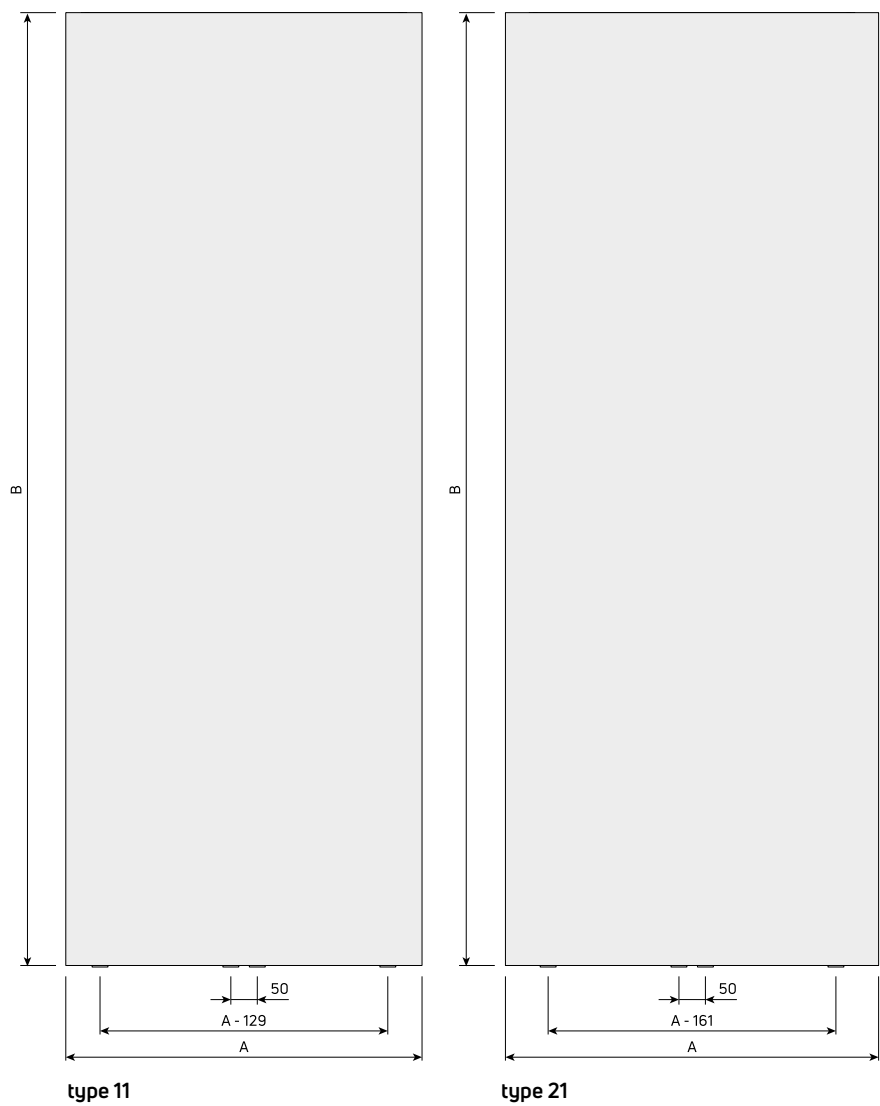
Warranty

10 years

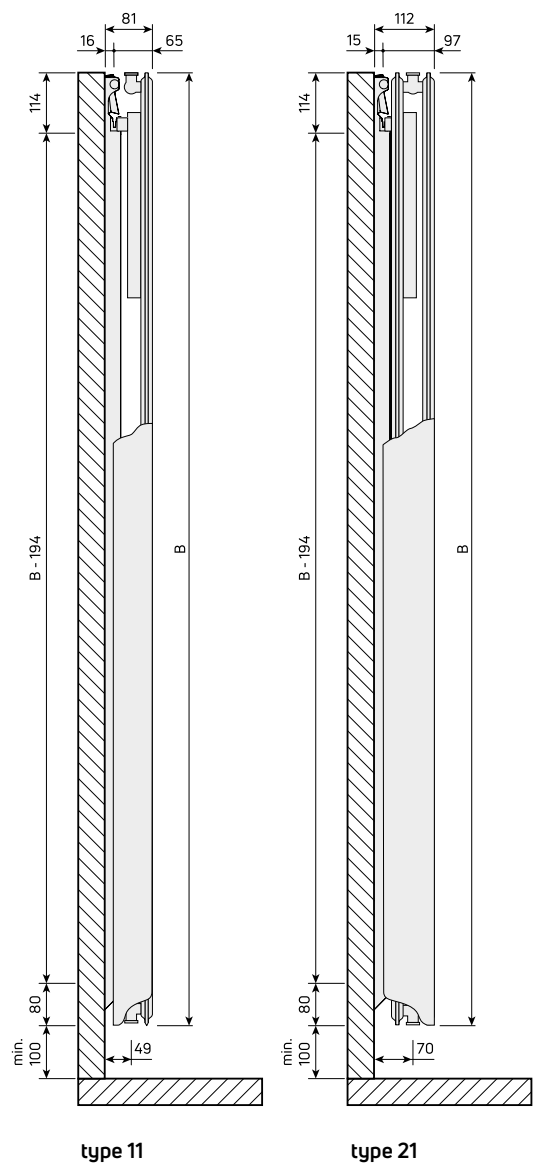


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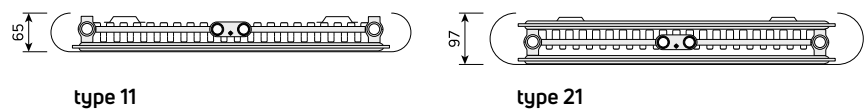
Front view



Side views



Bottom views



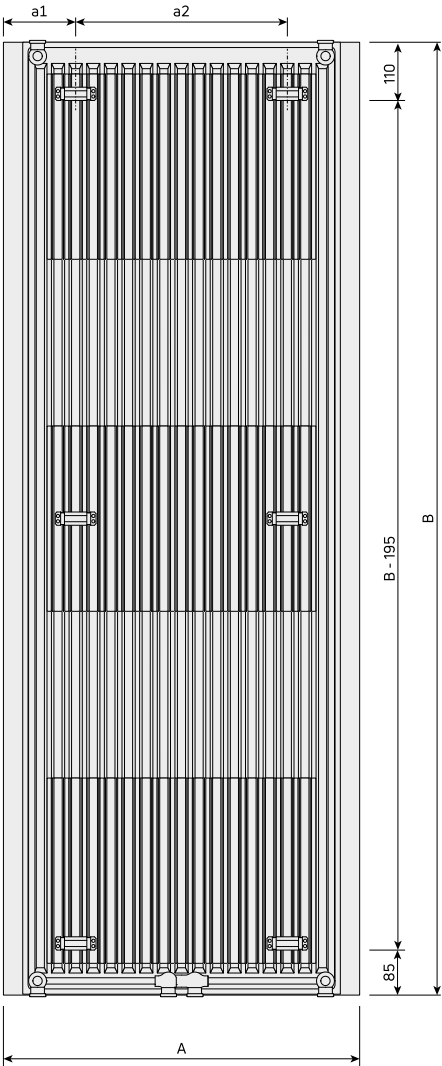
A = width
B = height

all dimensions in mm

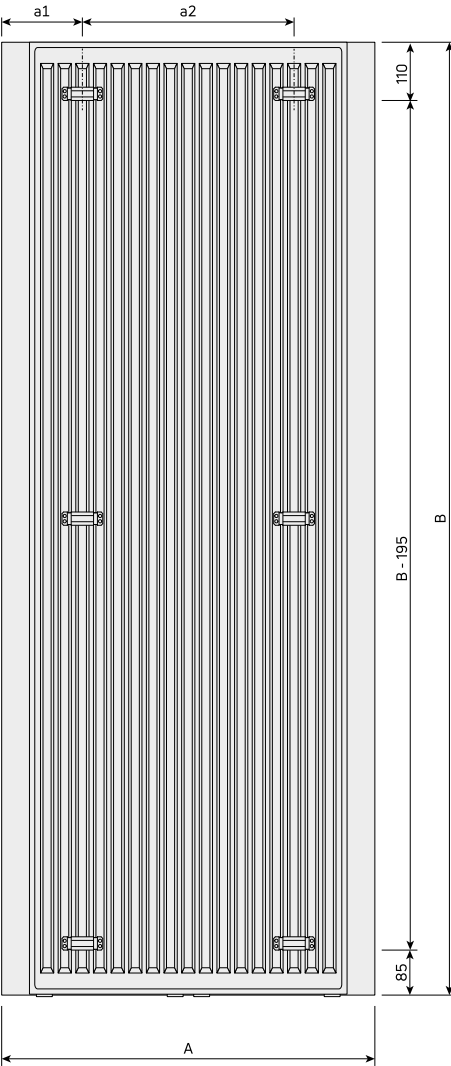


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Rear views without brackets
type 11



Rear views without brackets
type 21

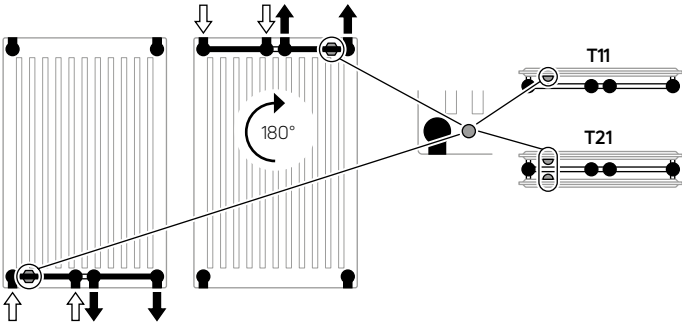


Mounting distances [mm] - type 11

A [mm]	373	523	673	823
a1 [mm]	137	145	137	145
a2 [mm]	100	234	400	534





Mounting distances [mm] - type 21

A [mm]	405	555	705	855
a1 [mm]	136	145	136	145
a2 [mm]	134	266	434	566



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Thermal output

type 11						
 A [mm]	 [°C]	 B [mm]		 [W]		
		1500	1800	1950	2100	2300
373	75/65/20	-	720	767	-	-
	55/45/20	-	378	403	-	-
523	75/65/20	-	1042	1110	-	-
	55/45/20	-	546	582	-	-
673	75/65/20	-	1355	1444	1530	-
	55/45/20	-	709	755	803	-
823	75/65/20	-	-	1770	1876	-
	55/45/20	-	-	923	980	-





Thermal output of the radiators [W] in accordance with EN 442 for parameters: 75/65/20 °C ($\Delta T=50K$), 55/45/20 °C ($\Delta T=30K$) and 45/35/20 °C ($\Delta T=20K$).

[W] 45/35/20°C ($\Delta T=20K$)

type 11	1500	1800	1950	2100	2300
373	-	220	236	-	-
523	-	318	339	-	-
673	-	413	439	468	-
823	-	-	536	569	-

exponent n

type 11	1500	1800	1950	2100	2300
373	-	1,2623	1,2586	-	-
523	-	1,2645	1,2639	-	-
673	-	1,2667	1,2693	1,2624	-
823	-	-	1,2746	1,2716	-

type 21						
 A [mm]	 [°C]	 B [mm]		 [W]		
		1500	1800	1950	2100	2300
405	75/65/20	-	955	1008	-	-
	55/45/20	-	495	521	-	-
555	75/65/20	-	1389	1466	-	-
	55/45/20	-	716	756	-	-
705	75/65/20	-	1812	1913	2012	-
	55/45/20	-	930	985	1038	-
855	75/65/20	-	-	2351	2473	-
	55/45/20	-	-	1207	1276	-

Thermal output of the radiators [W] in accordance with EN 442 for parameters: 75/65/20 °C ($\Delta T=50K$), 55/45/20 °C ($\Delta T=30K$) and 45/35/20 °C ($\Delta T=20K$).

[W] 45/35/20°C ($\Delta T=20K$)

type 21	1500	1800	1950	2100	2300
405	-	286	301	-	-
555	-	412	435	-	-
705	-	533	565	597	-
855	-	-	691	733	-



exponent n

type 21	1500	1800	1950	2100	2300
405	-	1,2876	1,2905	-	-
555	-	1,2965	1,2954	-	-
705	-	1,3054	1,3003	1,2952	-
855	-	-	1,3052	1,2961	-





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Water volume

[l]					
 A [mm]	 B [mm]				
	1500	1800	1950	2100	2300
type 11					
373	-	2,65	2,85	-	-
523	-	3,78	4,12	-	-
673	-	4,92	5,38	5,85	-
823	-	-	6,65	7,25	-
type 21					
405	-	4,80	5,20	-	-
555	-	7,23	7,80	-	-
705	-	9,67	10,40	11,13	-
855	-	-	13,00	13,90	-

Weight

[kg]					
 A [mm]	 B [mm]				
	1500	1800	1950	2100	2300
type 11					
373	-	20,15	21,60	-	-
523	-	28,42	30,40	-	-
673	-	36,68	39,20	41,90	-
823	-	-	48,00	51,35	-
type 21					
405	-	31,05	33,42	-	-
555	-	45,85	49,35	-	-
705	-	60,63	65,26	69,89	-
855	-	-	81,18	86,93	-



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Treatment and finish

Paros V is made in accordance with EN 10130 of the cold rolled steel delivered in form of coiled strips. Heating panels are produced from sheets of thickness in accordance with EN 442. Forming of heating panels with vertical water channels spaced at 33,3 mm is performed on fully automated, computer controlled production lines where one process line (interconnected with roller conveyors) delivers products ready for painting and packing. The processes of coating and packing are automated as well.

Painting

After passing through the first stages of the process line, the raw radiators are subjected to further processing providing a surface ready for varnishing. This processing consists of:

- preparing the surface (washing, degreasing, iron phosphatising, flushing) in a washer with a special chemical showering system,
- priming with the second generation cataforetic KTL II method by complete submerging of the radiators in a white priming paint ensuring an excellent corrosion protection,
- after-priming drying in a dripping chamber and a gas tunnel dryer,
- powder painting with an epoxy paint by electrostatic coating in a painting chamber, with the use of special painting tools,
- polymerization (curing) of the powder paint coat in a gas furnace at a temperature of about 190 °C.

Packaging

Paros V is supplied in protective cardboard box packaging. All packed in recyclable shrink wrap. A single radiator is placed on a wooden pallet and bound with a band in order to prevent uncontrolled movement during storage and transport.

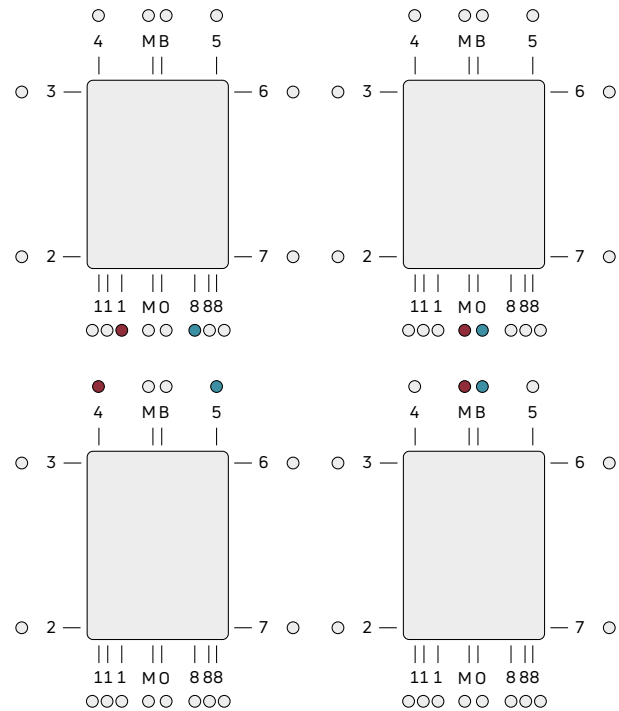
Colours

White RAL 9016 as a standard. Other colours from the RAL colour palette are available on request.

Mounting

The radiators are wall-mounted using 1 set of wall-mounting brackets.

Recommended connections (ETIM)



Standards

The heat output of the radiators, expressed in watts, are measured according to standard EN 442-2. The supply temperature is 75°C, the return temperature 65 °C and the ambient temperature is 20 °C.

Warranty

10 years



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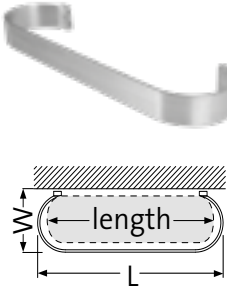
Accessories

	DESCRIPTION	ITEM
	Angled thermostatic valve set with design cover white - RAL 9016 chrome matt stainless steel	AZ13TP0048008330 AZ13TP004800853SCHRO AZ13TP004800873S0112
	Straight thermostatic valve set with design cover white - RAL 9016 chrome matt stainless steel	AZ13TP0048008430 AZ13TP004800863SCHRO AZ13TP004800883S0112
	Angled thermostatic valve set VHX-D/RAX white - RAL 9016 chrome	AZ1TP00VV00010A0 AZ1TP00VV00010ASCHRO
	Angled thermostatic valve set white - RAL 9016 chrome matt anthracite grey - RAL 7016 (S0022) matt jet black - RAL 9005 (S0029)	AZ1XTPS9037005N0 AZ1XTPS9037005NSCHRO AZ1XTPS9037005NS0022 AZ1XTPS9037005NS0029
	Straight thermostatic valve set white - RAL 9016 chrome matt anthracite grey - RAL 7016 (S0022) matt jet black - RAL 9005 (S0029)	AZ1XTPS9037004N0 AZ1XTPS9037004NSCHRO AZ1XTPS9037004NS0022 AZ1XTPS9037004NS0029



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Accessories

DESCRIPTION		ITEM
 	Towel bar for Paros V, matt brushed stainless steel L = 413, W = 128, for type 11 with length = 373 L = 563, W = 128, for type 11 with length = 523 L = 713, W = 128, for type 11 with length = 673 L = 863, W = 128, for type 11 with length = 823 L = 442, W = 163, for type 21 with length = 405 L = 592, W = 163, for type 21 with length = 555 L = 742, W = 163, for type 21 with length = 705 L = 892, W = 163, for type 21 with length = 855	AZ14BTPST1138000 AZ14BTPST1153000 AZ14BTPST1168000 AZ14BTPST1183000 AZ14BTPOT2140500 AZ14BTPOT2155500 AZ14BTPOT2170500 AZ14BTPOT2185500
	Towel bar for Paros V, polished stainless steel (chrome look) L = 413, W = 128, for type 11 with length = 373 L = 563, W = 128, for type 11 with length = 523 L = 713, W = 128, for type 11 with length = 673 L = 863, W = 128, for type 11 with length = 823 L = 442, W = 163, for type 21 with length = 405 L = 592, W = 163, for type 21 with length = 555 L = 742, W = 163, for type 21 with length = 705 L = 892, W = 163, for type 21 with length = 855	AZ14BTPST113800SSMBP AZ14BTPST115300SSMBP AZ14BTPST116800SSMBP AZ14BTPST118300SSMBP AZ14BTPOT214050SSMBP AZ14BTPOT215550SSMBP AZ14BTPOT217050SSMBP AZ14BTPOT218550SSMBP

Paros V are not equipped with a built-in thermostatic insert. They can be installed by using external valve sets with CC 50 mm. Selection of types provided in the table above.

Purmo Group reserves the right to change product specifications without prior notice.
Purmo Group's general sales and delivery conditions apply.

