

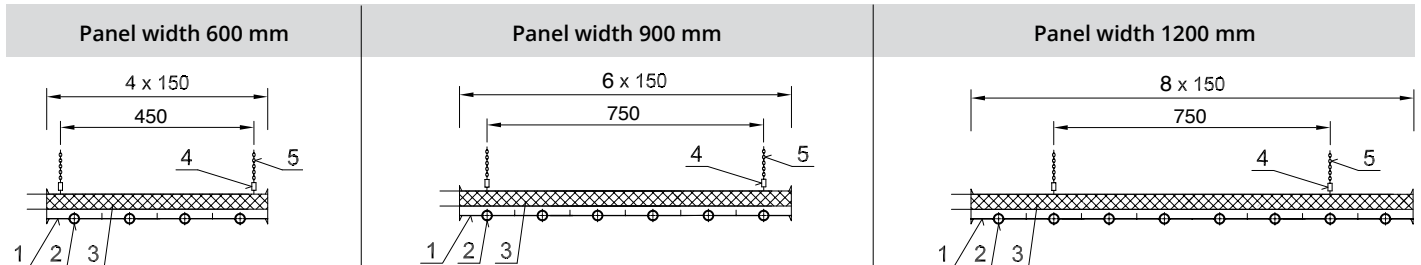
TECHNICAL DATA

Construction:

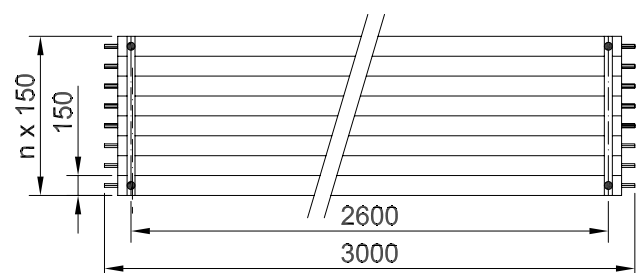
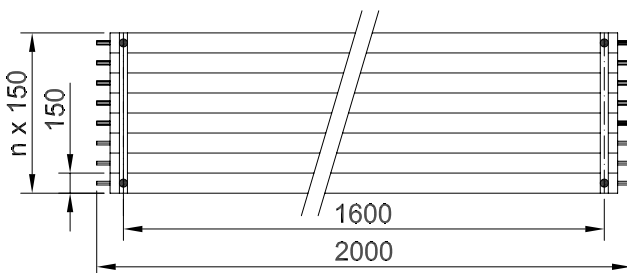
Basic element:	Aluminum lamellas, 150 mm width
Lamellas:	Precision steel tube 28 x 1,5 mm, fitted into 0,8 mm aluminum sheet; frictional connection through metal heat conduction strips for optimum heat transfer onto the radiation surface
Insulation:	40 mm mineral wool with tearresistant aluminum coating, 45 kg/m ³ density; non-slip and flush incorporated at the factory
Panel Length:	2 or 3 m
Panel Width:	600, 900 or 1200 mm
Panel connection:	Press fittings
Piping connection:	One-sided, ¾"



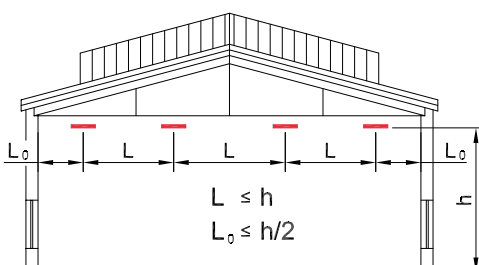
Construction and panel dimensions



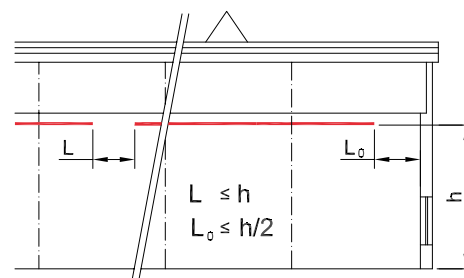
1 Aluminum heating surface / 2 Heating tubes / 3 Insulation / 4 Nodal chain or wire-rope suspension



Panel positioning









Maximum transverse distance of the panels



Maximum longitudinal distance of the panels

TECHNICAL DATA

Product Overview

						
Order no.	Box 1.2	Box 2.2	Box 3.2	Box 1.3	Box 2.3	Box 3.3
Dimensions	2.000 x 602 x 60 mm	2.000 x 902 x 60 mm	2.000 x 1202 x 60 mm	3.000 x 602 x 60 mm	3.000 x 902 x 60 mm	3.000 x 1202 x 60 mm
Thermal output operation with a heat pump (55/45/20°C)	330 W	470 W	620 W	490 W	710 W	930 W
Thermal output operation with a condensing boiler (65/55/20°C)	460 W	670 W	880 W	690 W	1.010 W	1.320 W
Thermal output operation with a biomass boiler (75/65/20°C)	600 W	880 W	1.150 W	910 W	1.320 W	1.730 W
Thermal output tested according to	DIN EN 14037-1, DIN EN 14037-2, DIN EN 14037-3					
Net weight - without water	16,9 kg	24,7 kg	32,4 kg	25,0 kg	36,6 kg	48,0 kg
Operating weight (water included)	20,9 kg	30,7 kg	40,4 kg	31,0 kg	45,6 kg	60,0 kg
Number of suspension points	4					
Distance of the suspension points	1.600 x 450 mm	1.600 x 750 mm	1.600 x 750 mm	2.600 x 450 mm	2.600 x 750 mm	2.600 x 750 mm
Material of the heating surface/thickness	Aluminium/ 0,8 mm					
Coating quality	Coil coating process/ Keymark Level 4					
Colour	RAL 9016 (traffic white)					
Number of tubes	4	6	8	4	6	8
Type of tubes	Precision steel tube 28x1,5 mm					
Nominal pressure	PN 6					
Insulation	40 mm mineral wool with aluminium lamination					
Certificate	DIN CERTCO-KEYMARK					
Warranty	10 years					
Dimensions (incl. Packaging)	2.040 x 642 x 90 mm	2.040 x 942 x 90 mm	2.040 x 1242 x 90 mm	3.040 x 642 x 90 mm	3.040 x 942 x 90 mm	3.040 x 1242 x 90 mm
Gross weight (incl. Packaging)	19,95 kg	28,93 kg	37,80 kg	29,46 kg	42,77 kg	55,88 kg

Thermal outputs (W/m)

Panel width	Δt (k)													
	20	25	30	35	40	45	50	55	60	65	70	75	80	85
600 mm	100	131	164	197	231	266	302	339	376	414	453	492	531	571
900 mm	146	191	237	286	336	387	439	492	547	602	658	715	773	831
1200 mm	191	250	311	375	440	507	576	646	717	790	864	939	1015	1091