



P-Series

With the P-Series you can pivot the air discharge element in both directions, thereby individually adapting the air curtain to suit local conditions.



S model

Visible wall or ceiling installation. Air intake area at the top.



Z model

Suspended ceiling installation. Air intake underneath. Only the air intake and discharge opening are visible.



U model

For exposed installation or installation in a suspended ceiling, underside of the unit is visible. Air intake area at the bottom. Available with optional ceiling installation frame.

Performance category	P-Series 1					P-Series 2					P-Series				
	100	150	200	250	300	100	150	200	250	300	100	150	200	250	300
Length of the unit	100	150	200	250	300	100	150	200	250	300	100	150	200	250	300
Weights															
S version [kg]	40	45	65	80	95	40	50	70	85	100	45	55	75	90	105
U version [kg]	47	55	78	97	115	47	60	83	102	120	52	65	88	107	125
Z version [kg]	52	63	88	110	130	52	68	93	115	135	57	73	98	120	140
ZS version [kg]	42	48	69	85	101	42	53	74	90	106	47	58	79	95	111
Unit measurements															
Width [mm]	1000	1500	2000	2500	3000	1000	1500	2000	2500	3000	1000	1500	2000	2500	3000
Depth of S/ZS model [mm]	580	580	580	580	580	580	580	580	580	580	580	580	580	580	580
Depth of U/Z model [mm]	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720
Height of S/U model [mm]	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260
Height of Z/ZS model [mm]	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360

Electrical data 230 V															
AC technology															
Output [kW]	0,48	0,48	0,72	0,96	1,20	0,48	0,72	0,96	1,20	1,44	0,72	0,96	1,20	1,44	1,68
Power consumption [A]	2,09	2,09	3,13	4,17	5,22	2,09	3,13	4,17	5,22	6,26	3,13	4,17	5,22	6,26	7,30
EC technology															
Output [kW]	0,34	0,34	0,51	0,68	0,85	0,34	0,51	0,68	0,85	1,01	0,51	0,68	0,85	1,01	1,19
Power consumption [A]	2,40	2,40	3,60	4,80	6,00	2,40	3,60	4,80	6,00	7,20	3,60	4,80	6,00	7,20	8,40

Performance category	P-Series 1					P-Series 2					P-Series 3				
	100	150	200	250	300	100	150	200	250	300	100	150	200	250	300
Performance data															
Length of the unit	100	150	200	250	300	100	150	200	250	300	100	150	200	250	300
Max. recommended installation height [m]	2,30					2,60					3,00				
Max. air volume [m³/h]	1400	1800	2550	3450	4100	1700	2600	3450	4300	5200	2550	3400	4950	5950	6950
Average air discharge speed* [m/s]	8					10					10,5				
Sound pressure level at a distance of 3 metres to the sound source (anechoic chamber)															
Max. operating level dB(A)	55,0	56,0	58,0	59,0	60,0	57,0	58,0	59,0	60,0	62,0	58,0	59,0	60,0	61,0	63,0
Average operating level dB(A)	48,5	49,5	50,5	51,5	52,5	50,5	51,5	52,5	53,5	55,5	51,5	52,5	53,5	54,5	56,5
Minimum operating level dB(A)	38,5	39,5	40,5	41,5	42,5	40,5	41,5	42,5	43,5	45,5	41,5	42,5	43,5	44,5	46,5
Sound power level*															
Max. operating level dB(A)	72,5	73,5	75,5	76,5	77,5	74,5	75,5	76,5	77,5	79,5	75,5	76,5	77,5	78,5	80,5
Average operating level dB(A)	66,0	67,0	68,0	69,0	70,0	68,0	69,0	70,0	71,0	73,0	69,0	70,0	71,0	72,0	74,0
Minimum operating level dB(A)	56,0	57,0	58,0	59,0	60,0	58,0	59,0	60,0	61,0	63,0	59,0	60,0	61,0	62,0	64,0
Technical data of heater battery															
LTHW 70/50 at an air intake temperature of 20°C and max. air discharge temperature (installation with air roll rotating inwards)															
Heat output [kW]	7,4	11,0	15,9	21,3	25,4	8,4	13,9	19,3	24,6	29,6	10,7	16,4	24,1	30,1	35,5
Air discharge temperature [°C]	35,7	38,0	38,5	38,4	38,4	34,6	35,9	36,6	37,1	36,9	32,4	34,4	34,5	35,0	35,2
Flow rate [m³/h]	0,30	0,50	0,70	0,90	1,10	0,40	0,60	0,80	1,10	1,30	0,50	0,70	1,10	1,30	1,60
Water resistance [kPa]	2,03	2,80	3,86	4,93	3,62	2,50	4,24	5,40	6,32	4,74	3,84	5,70	8,03	9,01	6,53
LTHW 70/50 at an air intake temperature of 20°C and 35°C Air discharge temperature (installation with air roll rotating inwards)															
Heat output [kW]	7,5	9,7	13,7	18,5	22,0	8,4	14,0	18,5	23,1	28,0	10,7**	16,4**	24,1**	32,0	37,4
Flow rate [m³/h]	0,32	0,50	0,70	0,90	1,10	0,40	0,60	0,80	1,10	1,30	0,50	0,70	1,10	1,30	1,60
Water resistance [kPa]	6,7	10,1	13,5	16,9	20,2	6,7	13,5	16,9	20,2	23,6	3,8	5,7	8,0	9,0	6,5
LTHW 60/40 at an air intake temperature of 20°C and max. air discharge temperature (installation with air roll rotating inwards) NNT															
Heat output [kW]	5,7	8,5	12,3	16,5	19,7	6,5	10,8	14,9	19,1	23,0	8,3	12,7	18,7	23,3	27,5
Air discharge temperature [°C]	32,2	34,0	34,5	34,3	34,3	31,3	32,4	32,9	33,2	33,1	29,6	31,2	31,2	31,6	31,7
Flow rate [m³/h]	0,30	0,40	0,50	0,70	0,90	0,30	0,50	0,70	0,80	1,00	0,40	0,60	0,80	1,00	1,20
Water resistance [kPa]	2,04	2,82	3,88	4,96	3,65	2,53	4,27	5,50	6,37	4,78	3,89	5,70	8,10	9,09	6,59
LTHW 45/35 at an air intake temperature of 20°C and max. air discharge temperature (installation with air roll rotating inwards) NNT															
Heat output [kW]	5,0	7,3	10,3	13,9	16,7	5,8	9,4	12,7	16,2	19,6	7,5	11,2	16,1	20,1	23,8
Air discharge temperature [°C]	30,8	32,0	31,1	32,0	32,0	30,1	30,8	31,0	31,2	31,0	28,7	29,8	29,7	30,0	30,2
Flow rate [m³/h]	0,40	0,60	0,90	1,20	1,40	0,50	0,80	1,10	1,40	1,70	0,60	1,00	1,40	1,70	2,10
Water resistance [kPa]	7,80	10,21	8,16	11,30	9,28	9,77	15,86	11,74	14,70	12,37	15,40	21,60	17,80	21,50	17,34
Pipe connections															
Flow/return flow [Inches]	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Electrical heater battery (three-stage, 400V, 3 Ph, 50 Hz)															
Level 1 [kW]	3,0	4,0	6,0	6,0	8,0	3,0	4,0	6,0	6,0	8,0	5,0	7,5	10,0	12,0	15,0
Level 2 [kW]	6,0	8,0	12,0	12,0	16,0	6,0	8,0	12,0	12,0	16,0	10,0	15,0	20,0	24,0	30,0
Level 3 [kW]	9,0	12,0	18,0	18,0	24,0	9,0	12,0	18,0	18,0	24,0	15,0	22,5	30,0	36,0	45,0
dt max. [K]	14,8	18,6	19,7	14,6	16,3	14,8	12,9	14,6	11,7	12,9	16,4	18,5	16,9	16,9	18,1

* Data are based on measurements in accordance with ISO 27327 conducted by the Institute of Air Handling and Refrigeration (ILK) in Dresden

** The maximum air discharge temperature is approx. 32 °C