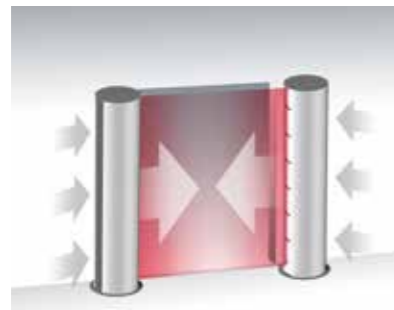




T-Series

The T-Series is a special version for vertical installation. It is the perfect symbiosis of design and technology.



Vertical model

T-Series as double unit with vertical installation.



Vertical model

T-Series with vertical installation.

Performance category	Unit height/width	T-Series 1			T-Series 2		
		200	225	250	200	225	250
Performance data							
Max. recommended door width	[m]	1,60			1,80		
Max. air volume	[m³/h]	3450	3450	4300	4950	4950	5950
Average air discharge speed*	[m/s]	10,0			10,5		
Sound pressure level at a distance of 3 metres to the sound source							
Max. operating level	dB(A)	64,0	63,0	65,0	66,0	65,0	67,0
Average operating level	dB(A)	57,8	56,8	58,8	59,8	58,8	60,8
Minimum operating level	dB(A)	47,8	46,8	48,8	49,8	48,8	50,8
Weights							
	[kg]	80	90	100	85	95	105
Electrical data 230 V							
AC technology							
Output	[kW]	0,96	0,96	1,20	1,20	1,20	1,44
Power consumption	[A]	4,17	4,17	5,22	5,22	5,22	6,26
EC technology							
Output	[kW]	0,68	0,68	0,85	0,85	0,85	1,01
Power consumption	[A]	4,80	4,80	6,00	6,00	6,00	7,20
Technical data of heater battery							
LTHW 70/50 at an air intake temperature of 20°C and air discharge temperature of 35°C							
Heat output	[kW]	18,5	18,5	23,1	26,6	26,6	32,0
Flow rate	[m³/h]	0,80	0,80	0,99	1,14	1,14	1,37
Water resistance	[kPa]	4,34	5,22	8,17	8,37	8,37	13,79
LTHW 70/50 at an air intake temperature of 18°C and air discharge temperature of 35°C							
Heat output	[kW]	21,0	21,0	26,2	27,21**	28,0	36,2
Flow rate	[m³/h]	0,90	0,90	1,13	1,20	1,20	1,56
Water resistance	[kPa]	5,40	5,40	10,63	9,20	9,20	17,50
LTHW 70/50 at an air intake temperature of 18°C and max. air discharge temperature							
Heat output	[kW]	21,7	22,9	27,9	27,2	28,9	34,3
Air discharge temperature	[°C]	36,60	37,90	37,40	34,25	35,50	35,18
Flow rate	[m³/h]	1,0	1,0	1,2	1,2	1,2	1,5
Water resistance	[kPa]	6,21	7,70	12,13	9,20	11,60	17,50
LTHW 60/40 at an air intake temperature of 18°C and max. air discharge temperature							
Heat output	[kW]	15,8	16,9	20,6	19,8	21,0	25,2
Air discharge temperature	[°C]	31,20	32,50	32,20	29,84	31,80	30,40
Flow rate	[m³/h]	0,7	0,7	0,9	0,9	0,9	1,1
Water resistance	[kPa]	3,67	4,60	7,38	5,47	6,90	10,55
Pipe connections							
Flow/return flow	[Inches]	3/4	3/4	3/4	3/4	3/4	3/4
Electrical heater battery (three-stage, 400V, 3 Ph, 50 Hz)							
Level 1/2/3	[kW]	4/8/12	6/12/18	6/12/18	6/12/18	8/16/24	8/16/24
Max. dt.	[K]	9,7	14,6	11,7	10,1	13,5	11,3
Unit measurements							
Unit height	[mm]	2000	2250	2500	2000	2250	2500
Diameter	[mm]	400			400		

* 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. 34 °C