



A-Series

The A-Series is fitted with the CORRIGO® air discharge system. This enables you to adapt the air curtain to suit conditions at the entrance to your building



S model

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



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	A-Series 1					A-Series 2					A-Series 3					
	100**	150	200	250	300	100**	150	200	250	300	100	150	200	250	300	
Length of the unit																
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 versio	[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]	555	555	555	555	555	555	555	555	555	555	555	555	555	555	555
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	A-Series 1					A-Series 2					A-Series 3					
	100**	150	200	250	300	100**	150	200	250	300	100	150	200	250	300	
Performance data																
Max. recommended installation height	[m]	2,30					2,60					3,00				
Max. air volume	[m³/h]	1700	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)	57,0	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)	50,5	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)	40,5	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)	74,5	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)	68,0	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)	58,0	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 air discharge temperature of 35°C (installation with air roll rotating inwards)																
Heat output	[kW]	9,3	9,9	14,0	18,9	22,5	9,3	14,3	18,9	23,6	28,5	14,0	18,6	27,1	32,6	38,1
Flow rate	[m³/h]	0,40	0,42	0,60	0,81	0,97	0,40	0,61	0,81	1,01	1,23	0,60	0,80	1,17	1,40	1,64
Water resistance	[kPa]	1,88	0,70	1,11	1,67	2,50	1,88	1,40	1,84	2,51	4,14	2,93	2,15	3,40	4,11	6,90
LTHW 70/50 at an air intake temperature of 15°C and air discharge temperature of 35°C (installation with air roll rotating outwards)																
Heat output	[kW]	12,4	13,2	18,6	25,2	30,0	12,4	19,0	25,2	31,4	38,0	18,6	24,9	36,2	43,5	50,8
Flow rate	[m³/h]	0,53	0,57	0,80	1,08	1,29	0,53	0,82	1,08	1,35	1,63	0,80	1,07	1,56	1,87	2,19
Water resistance	[kPa]	2,43	1,11	1,99	2,86	4,40	2,43	2,00	2,99	4,06	6,60	3,81	2,97	6,00	7,85	11,90
LTHW 70/50 at an air intake temperature of 5°C and air discharge temperature of 32°C (installation with air roll rotating outwards)																
Heat output	[kW]	16,8	17,8	25,2	34,1	40,5	16,8	25,7	34,1	42,5	51,3	19,9***	33,6	48,9	58,7	68,6
Flow rate	[m³/h]	0,72	0,76	1,08	1,46	1,74	0,72	1,10	1,46	1,83	2,21	0,90	1,44	2,10	2,53	2,95
Water resistance	[kPa]	3,75	2,00	3,20	4,70	8,20	3,75	3,81	6,00	7,19	11,96	5,12	5,90	10,45	12,60	20,00
LTHW 60/40 at an air intake temperature of 20°C and air discharge temperature of 32°C (installation with air roll rotating inwards)																
Heat output	[kW]	7,5	7,9	11,2	15,1	18,0	7,5	11,4	15,1	18,9	22,8	11,2	14,9	21,7	26,1	30,5
Flow rate	[m³/h]	0,32	0,34	0,48	0,65	0,77	0,32	0,49	0,65	0,81	0,98	0,48	0,64	0,93	1,12	1,31
Water resistance	[kPa]	0,92	0,47	0,80	1,70	1,92	0,92	0,91	1,40	1,70	3,00	1,25	1,54	2,70	3,10	4,94
LTHW 50/35 at an air intake temperature of 20°C and max. air discharge temperature (installation with air roll rotating inwards) NNT																
Heat output	[kW]	7,4	11,1	16,8	22,0	26,6	7,4	14,7	21,2	26,0	31,9	10,1	17,8	27,5	33,0	39,4
Air discharge temperature	[°C]	32,8	38,0	39,3	38,7	39,0	32,8	36,5	37,9	37,7	37,9	31,6	35,4	36,3	36,0	36,6
Flow rate	[m³/h]	0,40	0,60	1,00	1,30	1,50	0,40	0,90	1,20	1,50	1,80	0,60	1,00	1,60	1,90	2,30
Water resistance	[kPa]	0,40	1,47	4,17	2,71	2,97	0,40	2,42	6,26	3,64	4,09	0,81	3,41	9,93	5,50	5,96
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]	7,4	10,3	15,2	20,1	24,0	7,4	16,8	19,2	23,8	29,0	10,1	16,7	25,1	30,3	36,1
Air discharge temperature	[°C]	32,5	36,6	37,5	37,0	37,2	32,5	34,2	36,3	36,0	36,3	31,6	34,2	34,9	34,9	35,2
Flow rate	[m³/h]	0,70	0,90	1,30	1,70	2,10	0,70	1,50	1,70	2,10	2,50	0,42	1,40	2,20	2,60	3,10
Water resistance	[kPa]	1,00	2,65	7,21	4,75	5,18	1,00	6,30	10,80	6,42	7,18	1,67	6,18	17,42	9,81	10,51
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	3,5	5,0	6,0	8,0	10,0	5,0	7,5	10,0	12,0	15,0
Level 2	[kW]	6,0	8,0	12,0	12,0	18,0	8,5	12,5	17,0	20,0	25,0	10,0	15,0	20,0	24,0	30,0
Level 3	[kW]	9,0	12,0	18,0	18,0	24,0	12,0	17,5	23,0	28,0	35,0	15,0	22,5	30,0	36,0	45,0
dt max.	[K]	14,8	18,6	19,7	14,6	16,3	19,7	18,8	18,6	18,2	18,8	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 technical data of the air curtains A 1-100 and A 2-100 are identical and differ only in the heating capacity for the electric version

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