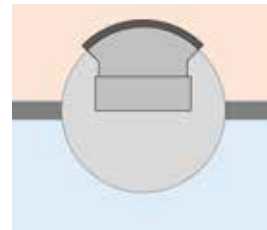




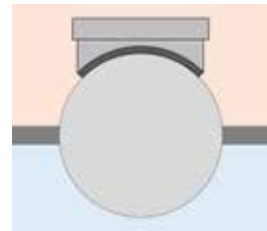
Rondo

Rondo is a special air curtain unit for horizontal installation and offers perfect integration for revolving doors.



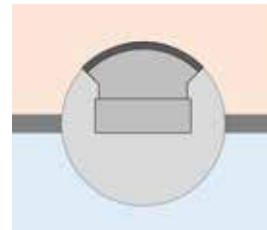
SDA model

Installation above the revolving doors.



ZDE model

Installation outside the revolving doors in the suspended ceiling.



SDE model

Installation inside the revolving doors.

Performance category	Rondo 1					Rondo 2					Rondo 3				
	100	150	200	250	300	100	150	200	250	300	100	150	200	250	300
Performance data															
Length of the unit															
Max. recommended installation height [m]	2,5					2,8					3,5				
Max. air volume [m³/h]	1.800	2.700	4.500	5.400	6.300	2.700	3.600	5.400	6.300	7.200	3.800	4.900	7.200	9.500	11.000
Sound pressure level at a distance of 3 metres to the sound source															
	dB(A)														
	54	55	56	57	58	55	56	57	58	60	56	58	59	60	61
Weights															
Basic unit [kg]	40	50	75	95	110	42	65	80	100	120	100	135	170	200	230
Electrical data 230 V															
AC technology															
Output [kW]	0,46	0,69	1,15	1,38	1,61	0,69	0,92	1,38	1,61	1,84	0,86	1,12	1,69	2,25	2,81
Power consumption [A]	2,00	3,00	5,00	6,00	7,00	3,00	4,00	6,00	7,00	8,00	3,76	4,88	7,33	9,77	12,21
EC technology															
Output [kW]	0,34	0,51	0,85	1,02	1,19	0,51	0,68	1,02	1,19	1,36	0,69	1,38	2,07	2,76	3,45
Power consumption [A]	2,40	3,60	6,00	7,20	8,40	3,60	4,80	7,20	8,40	9,60	3,10	6,20	9,30	12,40	15,50
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]	9,7	14,5	24,2	29,0	33,9	14,5	19,4	29,0	33,9	38,7	20,4	26,3	38,7	51,1	59,1
Flow rate [m³/h]	0,42	0,62	1,04	1,25	1,46	0,62	0,83	1,25	1,46	1,66	0,88	1,13	1,66	2,20	2,54
Water resistance [kPa]	1,73	1,67	3,70	4,53	6,70	4,77	4,02	5,13	5,73	9,07	3,80	3,18	3,24	3,26	3,49
LTHW 70/50 at an air intake temperature of 15°C and maximum air discharge temperature															
Heat output [kW]	12,5	18,2	32,9	41,3	50,2	16,0	21,8	36,8	42,3	54,7	31,9	46,4	67,5	88,6	105,1
Air discharge temperature [°C]	35,3	34,8	36,4	37,4	38,3	32,3	32,7	35,0	34,6	37,2	39,2	42,3	42,1	42,0	42,6
Flow rate [m³/h]	0,50	0,80	1,40	1,80	2,20	0,70	1,00	1,60	1,90	2,40	1,40	2,00	3,00	3,90	4,60
Water resistance [kPa]	2,25	2,16	5,38	7,00	12,00	3,48	2,96	6,57	7,31	13,97	6,73	7,36	7,52	7,58	8,06
LTHW 60/40 at an air intake temperature of 20°C and maximum air discharge temperature															
Heat output [kW]	7,0	10,5	19,6	25,0	31,0	9,0	12,5	21,9	25,5	33,7	19,3	28,7	41,7	54,8	65,3
Air discharge temperature [°C]	31,6	31,5	33,0	33,8	34,6	29,9	30,4	32,1	32,1	33,9	34,8	37,1	37,0	36,9	37,4
Flow rate [m³/h]	0,30	0,50	0,90	1,10	1,40	0,40	0,50	1,00	1,10	1,50	0,80	1,20	1,80	2,40	2,80
Water resistance [kPa]	0,84	0,84	2,24	2,99	5,30	1,30	1,16	2,73	3,11	6,16	2,87	3,27	3,34	3,37	3,61
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, 3Ph, 50 Hz)															
Level 1 [kW]	4,5	6,0	12,0	12,0	12,0	6,0	9,0	12,0	12,0	12,0	6,0	9,0	12,0	12,0	12,0
Level 2 [kW]	7,5	12,0	15,0	24,0	24,0	12,0	15,0	24,0	24,0	24,0	12,0	18,0	24,0	24,0	24,0
Level 3 [kW]	12,0	18,0	17,0	36,0	36,0	18,0	24,0	36,0	36,0	36,0	18,0	27,0	36,0	36,0	36,0
Max. dt. [K]	18,6	18,6	16,7	18,6	15,9	18,6	18,6	18,6	15,9	14,0	13,2	15,4	14,0	10,6	9,1
Unit measurements Basic unit															
Width [mm]	1.000	1.500	2.000	2.500	3.000	1.000	1.500	2.000	2.500	3.000	1.000	1.500	2.000	2.500	3.000
Depth [mm]	400	400	400	400	400	400	400	400	400	400	580	580	580	580	580
Height [mm]	240	240	240	240	240	240	240	240	240	240	410	410	410	410	410

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