



# Ratiovent

The highly efficient and flexible air curtains for all applications in the industrial and logistics area.



### SW model

Double unit with single nozzles in the air discharge area, vertical installation.



### SW model

Double unit with single nozzles in the air discharge area, vertical installation with two units on top of each other.



### DW model

Single unit with double nozzle in the air discharge area, vertical installation.



### SW model

Single unit with single nozzle and horizontal ceiling installation.



### Turbo model

Single unit with turbo nozzle and horizontal ceiling installation.

Performance category	RATIOVENT SW	Single unit				Multiple unit		
		120	180	240	300	360	420	480
Installation length/height	[mm]	1.200	1.800	2.400	3.000	3.600	4.200	4.800
Rec. air discharge range	[m]	5,5				5,5		
Weight	[kg]	90	125	165	200	250	290	330

RATIOVENT DW		120	180	240	300	360	420	480
Installation length/height	[mm]	1.200	1.800	2.400	3.000	3.600	4.200	4.800
Rec. air discharge range	[m]	5,0				5,0		
Weight	[kg]	90	125	165	200	250	290	330

RATIOVENT TURBO		900	1800	2700	3600	4500
Installation length/height	[mm]	900	1.800	2.700	3.600	4.500
Rec. air discharge range	[m]	7,0			7,0	
Weight	[kg]	110	145	185	290	330

Performance category		Single unit				Multiple unit		
RATIOVENT SW		120	180	240	300	360	420	480
Performance data								
Max. nominal flow rate	[m³/h]	7.400	11.100	14.800	18.500	22.200	25.900	29.600
Max. effective flow rate*	[m³/h]	4.500	6.700	9.000	11.300	13.400	15.700	18.000
Max. air discharge speed	[m/s]	17,5				17,5		
Sound pressure level at a distance of 3 metres to the sound source								
	[dB]	49-66	51-67	51-68	52-68	53-70	53-70	53-70
LTHW 70/50 up to dt. 15K								
Heat output	[kW]	24,2	36,0	48,4	60,7	72,0	84,4	96,8
Water resistance	[kPA]	10,1	6,1	6,0	5,1	6,1	6,1	6,0
						6,1	6,0	6,0
Flow rate	[m³/h]	1,0	1,5	2,1	2,6	1,5	1,5	2,1
						1,5	2,1	2,1
Connections flow/return flow	[Inches]	3/4"-3/4"	3/4"-3/4"	1"-1"	1"-1"	3/4"-3/4"	3/4"-3/4"	1"-1"
						3/4"-3/4"	1"-1"	1"-1"
Electrical data								
AC technology**								
Voltage / frequency	[V / Hz]	400 / 50				400 / 50		
Output	[kW]	1,57	2,36	3,14	3,93	4,71	5,50	6,28
Power consumption	[A]	2,90	4,35	5,80	7,25	8,70	10,15	11,60
EC technology*								
Voltage / frequency	[V / Hz]	230 / 50				230 / 50		
Output	[kW]	0,88	1,32	1,76	2,20	2,64	3,08	3,52
Power consumption	[A]	4,00	6,00	8,00	10,00	12,00	14,00	16,00

RATIOVENT DW	120	180	240	300	360	420	480	
Performance data								
Nominal flow rate	[m³/h]	7.400	11.100	14.800	18.500	22.200	25.900	29.600
Effective flow rate	[m³/h]	5.700	8.700	11.500	14.500	17.400	20.200	23.000
Max. air discharge speed	[m/s]	13,5				13,5		
Sound pressure level at a distance of 3 metres to the sound source								
	[dB]	49-66	51-67	51-68	52-68	53-70	53-70	53-70
LTHW 70/50 up to dt. 15K								
Heat output	[kW]	30,6	46,8	61,8	77,9	93,5	108,6	123,6
Water resistance	[kPA]	13,0	8,0	7,8	6,7	8,0	8,0	7,8
						8,0	7,8	7,8
Flow rate	[m³/h]	1,3	2,0	2,7	3,4	2,0	2,0	2,7
						2,0	2,7	2,7
Connections flow/return flow	[Inches]	3/4"-3/4"	3/4"-3/4"	1"-1"	1"-1"	3/4"-3/4"	3/4"-3/4"	1"-1"
						3/4"-3/4"	1"-1"	1"-1"
Electrical data								
AC technology**								
Voltage / frequency	[V / Hz]	400 / 50				400 / 50		
Output	[kW]	1,57	2,36	3,14	3,93	4,71	5,50	6,28
Power consumption	[A]	2,90	4,35	5,80	7,25	8,70	10,15	11,60
EC technology**								
Voltage / frequency	[V / Hz]	230 / 50				230 / 50		
Output	[kW]	1,00	1,50	2,00	2,50	3,00	3,50	4,00
Power consumption	[A]	4,40	6,60	8,80	11,00	13,20	15,40	17,60

RATIOVENT TURBO	900	1800	2700	3600	4500	
Performance data						
Nominal flow rate	[m³/h]	14.160	28.320	42.480	56.640	70.800
Effective flow rate	[m³/h]	8.400	17.000	29.000	34.000	46.000
Max. air discharge speed	[m/s]	18	18	18	18	18
Sound pressure level at a distance of 3 metres to the sound source						
	[dB]	75	78	80	81	82
Electrical data						
AC technology**						
Voltage / frequency	[V / Hz]	400 / 50			400 / 50	
Output	[kW]	2,66	5,32	7,98	10,64	13,30
Power consumption	[A]	5,50	11,00	16,50	22,00	27,50

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

\*\* Maximum performance data for line dimensioning. The performance data are lower in device operation.