



Series	Single unit				Multiple unit			
RATIOVENT-SW	120	180	240	300	360	420	480	
Overall length/height "B" [mm]	1.200	1.800	2.400	3.000	3.600	4.200	4.800	
Rec. air discharge width up to [m]	5,5				5,5			
Weight [kg]	90	125	165	200	250	290	330	
Air volume								
Nominal flow rate [m³/h]	7.400	11.100	14.800	18.500	22.200	25.900	29.600	
Actual 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			
Max. noise level [dB]	49-66	51-67	51-68	52-68	53-70	53-70	53-70	
LTHW 70/50 at 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	
Flow rate [m³/h]	1,0	1,5	2,1	2,6	3,1	3,6	4,2	
Connections flow/return flow [inches]	¾ - ¾	¾ - ¾	1 - 1	1 - 1	¾ - ¾ ¾ - ¾	¾ - ¾ 1 - 1	1 - 1 1 - 1	
Fans								
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	
Overall length/height "B" [mm]	1.200	1.800	2.400	3.000	3.600	4.200	4.800	
Rec. air discharge width up to [m]	5,0				5,0			
Weight [kg]	90	125	165	200	250	290	330	
Air volume								
Nominal flow rate [m³/h]	7.400	11.100	14.800	18.500	22.200	25.900	29.600	
Actual 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			
Max. noise level [dB]	49-66	51-67	51-68	52-68	53-70	53-70	53-70	
LTHW 70/50 at 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	
Flow rate [m³/h]	1,3	2,0	2,7	3,4	4,0	4,7	5,3	
Connections flow/return flow [inches]	¾ - ¾	¾ - ¾	1 - 1	1 - 1	¾ - ¾ ¾ - ¾	¾ - ¾ 1 - 1	1 - 1 1 - 1	
Fans								
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-Turbo	90	180	270	360	450			
Overall length/height "B" [mm]	900	1.800	2.700	3.600	4.500			
Rec. air discharge width up to [m]	7,0				7,0			
Weight [kg]	110	145	185	290	330			
Air volume								
Nominal flow rate [m³/h]	14.160	28.320	42.480	56.640	70.800			
Actual flow rate [m³/h]	8.400	17.000	29.000	34.000	46.000			
Max. air discharge speed [m/s]	18				18			
Max. noise level [dB]	75	78	80	81	82			
Fans								
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			

* Maximum output data for conductor dimensions. The electrical output data in device operation are lower. Subject to technical changes.



Design

Robust CNC-manufactured sheet steel housing made from galvanised sheet steel, powder coated in RAL tone 7011 (iron grey) or in a colour of the customer's choice*.

Manufactured in accordance with DIN EN ISO 9001:2008.

Effective air conveyance by means of CONVERGO® pressure chamber nozzle system, which generates a concentrated, low induction air flow across the entire air discharge width.

Because the nozzle and thus the air discharge direction can be adjusted, the screening efficiency is significantly increased.

Air intake is through a powder coated grid, designed with ideal cross-section.

Device version optionally with or without heat exchanger.

AC fans (400V/IP54)
EC fans (230V/IP54).

Installation

Device mounting using internal thread M 10 on the top of the housing and optionally available installation material.

Hot water version

Efficient heat exchanger in St-Al-Cu design. Test pressure 16 bar and connections with internal thread (imperial), according to size and output.

Controller / accessories

You can choose from a selection of electronic controllers and a wide range of accessories for individual control convenience.

Order key

RATIOVENT	
SW	= CONVERGO® single nozzle
DW	= CONVERGO® double nozzle
T	= Turbo
H	= Horizontal installation
V	= Vertical installation
120, 180, 240, 300, 360, 420, 480	= width
90, 180, 270, 360, 450	= width (turbo)
N	= LTHW 60/40 °C - 90/70 °C
K	= without heat exchanger
	RAL 7011 (standard colour)*
SW- H - 240 - N - 7011	= example

* RAL 7011 = iron grey.
Other colours are available on request.