



Characteristics

Variwind air curtains are specially designed for doors with special needs in terms of size and limited space for installation. Made to measure, they cover all the customer's needs and adapt perfectly to the conditions of each door, with a minimum size of one metre and a maximum of three metres.



Variwind Air Curtain
VP Construction

- Designed to be tailor-made, adaptable to any customer's needs.
- Option VW: Same construction as Windbox M-ECM-G-ECG. Self-supporting casing construction made of galvanized steel plate, finished in structural epoxy-polyester painting white colour RAL9016 as standard. Other colours or stainless steel are available on request. Micro-perforated inlet grille with filter functions and easy service. It does not need prefilter.
- Anodized aluminium outlet vanes, airfoil shaped, adjustable from 0 to 15° each side.
- Low noise double-inlet centrifugal fans with external rotor motor. 5-speed controller. EC models assembled with very low consumption efficiency fans.
- “P” type with water heated coil. “E” type with electrical shielded elements, three stages with integrated regulation. “A” type without heating, air only. Optional expansion DX coil.
- Includes Plug&Play control with 7m RJ45 cable and infrared remote control. Optional: Clever control (programmable, automatic, intelligent, energy saving, Modbus RTU for BMS...)

Specifications

50Hz

Unheated		
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)
VARI M 1000 A	1800	2,5-3,5
VARI M 1500 A	2700	2,5-3,5
VARI M 2000 A	3600	2,5-3,5
VARI M 2500 A	4500	2,5-3,5
VARI ECM 1000 A	1840	2,5-3,8
VARI ECM 1500 A	2760	2,5-3,8
VARI ECM 2000 A	3680	2,5-3,8
VARI ECM 2500 A	4600	2,5-3,8
VARI G 1000 A	2400	3-4
VARI G 1500 A	3200	3-4
VARI G 2000 A	4800	3-4
VARI G 2500 A	5600	3-4
VARI ECG 1000 A	2700	3-4,2
VARI ECG 1500 A	3600	3-4,2
VARI ECG 2000 A	5400	3-4,2
VARI ECG 2500 A	6300	3-4,2

Electrical Heating			
Model	Nominal Airflow (m³/h)	Electrical Heating Capacity 400Vx3 (kW)	Recommended Installation Range (m)
VARI M 1000 E	1800	3/6/9	2,5-3,5
VARI M 1500 E	2700	4/8/12	2,5-3,5
VARI M 2000 E	3600	6/12/18	2,5-3,5
VARI M 2500 E	4500	6/12/18	2,5-3,5
VARI ECM 1000 E	1840	3/6/9	2,5-3,8
VARI ECM 1500 E	2760	4/8/12	2,5-3,8
VARI ECM 2000 E	3680	6/12/18	2,5-3,8



Electrical Heating			
Model	Nominal Airflow (m³/h)	Electrical Heating Capacity 400Vx3 (kW)	Recommended Installation Range (m)
VARI ECM 2500 E	4600	6/12/18	2,5-3,8
VARI G 1000 E	2400	5/10/15	3-4
VARI G 1500 E	3200	7,5/15/22,5	3-4
VARI G 2000 E	4800	10/20/30	3-4
VARI G 2500 E	5600	10/20/30	3-4
VARI ECG 1000 E	2700	5/10/15	3-4,2
VARI ECG 1500 E	3600	7,5/15/22,5	3-4,2
VARI ECG 2000 E	5400	10/20/30	3-4,2
VARI ECG 2500 E	6300	10/20/30	3-4,2

Water Heating					
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	Heating Capacity 80/60°C (kW) (kW)	Heating Capacity 60/40°C (kW) (kW)	Heating Capacity 50/40°C (kW)
VARI M 1000 P86	1660	2,5-3,5	9,17	-	-
VARI M 1500 P86	2490	2,5-3,5	14,26	-	-
VARI M 2000 P86	3320	2,5-3,5	20,65	-	-
VARI M 2500 P86	4150	2,5-3,5	26,92	-	-
VARI ECM 1000 P86	1720	2,5-3,8	9,38	-	-
VARI ECM 1500 P86	2580	2,5-3,8	14,58	-	-
VARI ECM 2000 P86	3440	2,5-3,8	21,12	-	-
VARI ECM 2500 P86	4300	2,5-3,8	27,53	-	-
VARI G 1000 P86	2250	3-4	11,04	-	-
VARI G 1500 P86	3000	3-4	16,02	-	-
VARI G 2000 P86	4500	3-4	24,92	-	-
VARI G 2500 P86	5250	3-4	31,16	-	-
VARI ECG 1000 P86	2550	3-4,2	11,89	-	-
VARI ECG 1500 P86	3400	3-4,2	17,29	-	-
VARI ECG 2000 P86	5100	3-4,2	26,86	-	-
VARI ECG 2500 P86	5950	3-4,2	33,63	-	-
VARI M 1000 P64	1660	2,5-3,5	-	8,56	-
VARI M 1500 P64	2490	2,5-3,5	-	13,69	-
VARI M 2000 P64	3320	2,5-3,5	-	18,26	-
VARI M 2500 P64	4150	2,5-3,5	-	22,12	-
VARI ECM 1000 P64	1720	2,5-3,8	-	8,77	-
VARI ECM 1500 P64	2580	2,5-3,8	-	14,02	-
VARI ECM 2000 P64	3440	2,5-3,8	-	18,7	-
VARI ECM 2500 P64	4300	2,5-3,8	-	23,33	-
VARI G 1000 P64	2250	3-4	-	10,42	-
VARI G 1500 P64	3000	3-4	-	15,47	-
VARI G 2000 P64	4500	3-4	-	22,29	-
VARI G 2500 P64	5250	3-4	-	26,61	-
VARI ECG 1000 P64	2550	3-4,2	-	11,27	-
VARI ECG 1500 P64	3400	3-4,2	-	16,77	-
VARI ECG 2000 P64	5100	3-4,2	-	24,14	-
VARI ECG 2500 P64	5950	3-4,2	-	28,84	-
VARI M 1000 P54	1660	2,5-3,5	-	-	8,52
VARI M 1500 P54	2490	2,5-3,5	-	-	14,34
VARI M 2000 P54	3320	2,5-3,5	-	-	18,65



Water Heating					
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	Heating Capacity 80/60°C (kW) (kW)	Heating Capacity 60/40°C (kW) (kW)	Heating Capacity 50/40°C (kW)
VARI M 2500 P54	4150	2,5-3,5	-	-	24,32
VARI ECM 1000 P54	1720	2,5-3,8	-	-	8,74
VARI ECM 1500 P54	2580	2,5-3,8	-	-	14,71
VARI ECM 2000 P54	3440	2,5-3,8	-	-	19,13
VARI ECM 2500 P54	4300	2,5-3,8	-	-	24,95
VARI G 1000 P54	2250	3-4	-	-	10,56
VARI G 1500 P54	3000	3-4	-	-	16,37
VARI G 2000 P54	4500	3-4	-	-	23,15
VARI G 2500 P54	5250	3-4	-	-	28,76
VARI ECG 1000 P54	2550	3-4,2	-	-	11,5
VARI ECG 1500 P54	3400	3-4,2	-	-	17,86
VARI ECG 2000 P54	5100	3-4,2	-	-	25,24
VARI ECG 2500 P54	5950	3-4,2	-	-	31,38

60Hz

Unheated		
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)
VARI ECM 1000 A	1840	2,5-3,8
VARI ECM 1500 A	2760	2,5-3,8
VARI ECM 2000 A	3680	2,5-3,8
VARI ECM 2500 A	4600	2,5-3,8
VARI ECG 1000 A	2700	3-4,2
VARI ECG 1500 A	3600	3-4,2
VARI ECG 2000 A	5400	3-4,2
VARI ECG 2500 A	6300	3-4,2

Electrical Heating			
Model	Nominal Airflow (m³/h)	Electrical Heating Capacity 400Vx3 (kW)	Recommended Installation Range (m)
VARI ECM 1000 E	1840	3/6/9	2,5-3,8
VARI ECM 1500 E	2760	4/8/12	2,5-3,8
VARI ECM 2000 E	3680	6/12/18	2,5-3,8
VARI ECM 2500 E	4600	6/12/18	2,5-3,8
VARI ECG 1000 E	2700	5/10/15	3-4,2
VARI ECG 1500 E	3600	7,5/15/22,5	3-4,2
VARI ECG 2000 E	5400	10/20/30	3-4,2
VARI ECG 2500 E	6300	10/20/30	3-4,2

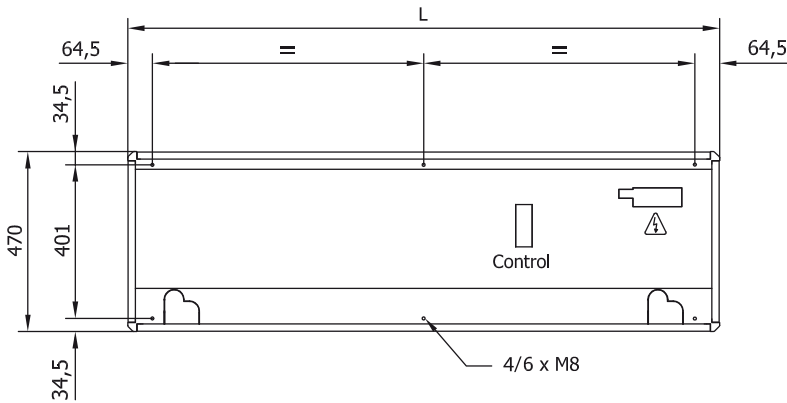
Water Heating					
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	Heating Capacity 80/60°C (kW) (kW)	Heating Capacity 60/40°C (kW) (kW)	Heating Capacity 50/40°C (kW)
VARI ECM 1000 P86	1720	2,5-3,8	9,38	-	-
VARI ECM 1500 P86	2580	2,5-3,8	14,58	-	-
VARI ECM 2000 P86	3440	2,5-3,8	21,12	-	-
VARI ECM 2500 P86	4300	2,5-3,8	27,53	-	-
VARI ECG 1000 P86	2550	3-4,2	11,89	-	-



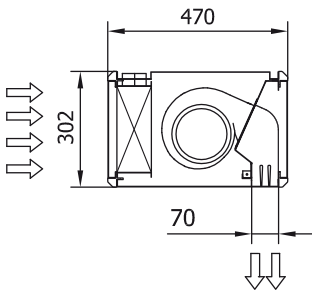
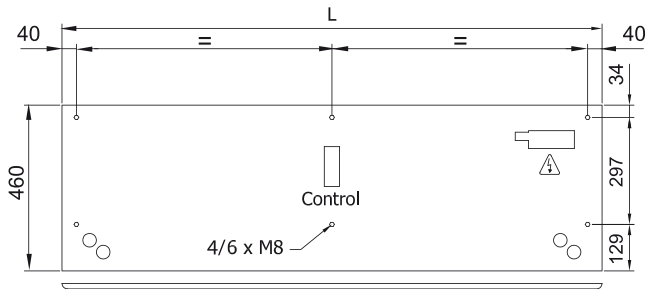
Water Heating					
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	Heating Capacity 80/60°C (kW) (kW)	Heating Capacity 60/40°C (kW) (kW)	Heating Capacity 50/40°C (kW)
VARI ECG 1500 P86	3400	3-4,2	17,29	-	-
VARI ECG 2000 P86	5100	3-4,2	26,86	-	-
VARI ECG 2500 P86	5950	3-4,2	33,63	-	-
VARI ECM 1000 P64	1720	2,5-3,8	-	8,77	-
VARI ECM 1500 P64	2580	2,5-3,8	-	14,02	-
VARI ECM 2000 P64	3440	2,5-3,8	-	18,7	-
VARI ECM 2500 P64	4300	2,5-3,8	-	23,33	-
VARI ECG 1000 P64	2550	3-4,2	-	11,27	-
VARI ECG 1500 P64	3400	3-4,2	-	16,77	-
VARI ECG 2000 P64	5100	3-4,2	-	24,14	-
VARI ECG 2500 P64	5950	3-4,2	-	28,84	-
VARI ECM 1000 P54	1720	2,5-3,8	-	-	8,74
VARI ECM 1500 P54	2580	2,5-3,8	-	-	14,71
VARI ECM 2000 P54	3440	2,5-3,8	-	-	19,13
VARI ECM 2500 P54	4300	2,5-3,8	-	-	24,95
VARI ECG 1000 P54	2550	3-4,2	-	-	11,5
VARI ECG 1500 P54	3400	3-4,2	-	-	17,86
VARI ECG 2000 P54	5100	3-4,2	-	-	25,24
VARI ECG 2500 P54	5950	3-4,2	-	-	31,38

Dimensions

Variwind VP
(With Profiles Construction)



Variwind VW
(Windbox M,G Construction)



	Customized Length (mm)	
	VP	VW
Variwind 1000	1045 - 1544	1000 - 1500
Variwind 1500	1545 - 2049	1500 - 2000
Variwind 2000	2050 - 2549	2000 - 2500
Variwind 2500	2550 - 3000	2500 - 3000

