Characteristics

WINDBOX is a compact and robust air curtain from our standard range with a timeless and pleasing design. It is specially designed for installation in false ceilings. It is an air curtain suitable for all types of commercial and industrial entrances.

Advanced Plug&Play control. Includes: Advanced PRO control with LCD display and integrated thermostat, door contact, 7 m RJ11 cable, and remote control. Optional: Clever PRO intelligent programmable control compatible with Modbus RTU for BMS.

The Recessed Widbox has obtained the CSA certification according to the CSA - UL standard for its presence in the North American market.

- Self-supporting casing construction made of galvanized steel plate, ready to be installed recessed in a false ceiling.
- Inlet grille (free of maintenance) made with aluminium profiles and blow-out nozzle, integrated in a single white frame colour RAL 9016. Other colours are available on request.
- Anodized aluminium outlet vanes, airfoil shaped, adjustable in both directions.
- 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.
- Advanced Plug&Play control. Includes: Advanced PRO control with LCD display and integrated thermostat, door contact, 7m RJ11 cable and remote control. Optional: intelligent Clever Pro Control (automatic, programmable, ModBus for PKC, timer, etc.)

Specifications

50Hz

	Unheated		
Model	**Nominal Airflow** (m^3/h)	**Recommended Installation Range** (m)	**Nominal Airflow 208V** (m^3/h)
RM 1000 A	1800	2,5-3,5	-
RM 1500 A	2700	2,5-3,5	-
RM 2000 A	3600	2,5-3,5	-
RM 2500 A	4500	2,5-3,5	-
RECM 1000 A	1840	2,5-3,8	-
RECM 1500 A	2760	2,5-3,8	-
RECM 2000 A	3680	2,5-3,8	-
RECM 2500 A	4600	2,5-3,8	-
RG 1000 A	2400	3-4	-
RG 1500 A	3200	3-4	-
RG 2000 A	4800	3-4	-
RG 2500 A	5600	3-4	-
RECG 1000 A	2700	3-4,2	-
RECG 1500 A	3600	3-4,2	-
RECG 2000 A	5400	3-4,2	-
RECG 2500 A	6300	3-4,2	-

	Electrical Heating							
Model	**Nominal Airflow** (m^3/h)	**Electrical Heating Capacity 400Vx3** (kW)	**Recommended Installation Range** (m)	**Electrical Heating Capacity 460Vx3** (kW)	**Electrical Heating Capacity 480Vx3** (kW)	**Electrical Heating Capacity 208Vx3** (kW)	**Electrical Heating Capacity 575Vx3** (kW)	**Nominal Airflow 208V** (m^3/h)
RM 1000 E	1800	3/6/9	2,5-3,5	-	-	-	-	-
RM 1500 E	2700	4/8/12	2,5-3,5	-	-	-	-	-

Electrical Heating								
Model	**Nominal Airflow** (m³/h)	**Electrical Heating Capacity 400Vx3** (kW)	**Recommended Installation Range** (m)	**Electrical Heating Capacity 460Vx3** (kW)	**Electrical Heating Capacity 480Vx3** (kW)	**Electrical Heating Capacity 208Vx3** (kW)	**Electrical Heating Capacity 575Vx3** (kW)	**Nominal Airflow 208V** (m³/h)
RM 2000 E	3600	6/12/18	2,5-3,5	-	-	-	-	-
RM 2500 E	4500	6/12/18	2,5-3,5	-	-	-	-	-
RECM 1000 E	1840	3/6/9	2,5-3,8	-	-	-	-	-
RECM 1500 E	2760	4/8/12	2,5-3,8	-	-	-	-	-
RECM 2000 E	3680	6/12/18	2,5-3,8	-	-	-	-	-
RECM 2500 E	4600	6/12/18	2,5-3,8	-	-	-	-	-
RG 1000 E	2400	5/10/15	3-4	-	-	-	-	-
RG 1500 E	3200	7,5/15/22,5	3-4	-	-	-	-	-
RG 2000 E	4800	10/20/30	3-4	-	-	-	-	-
RG 2500 E	5600	10/20/30	3-4	-	-	-	-	-
RECG 1000 E	2700	5/10/15	3-4,2	-	-	-	-	-
RECG 1500 E	3600	7,5/15/22,5	3-4,2	-	-	-	-	-
RECG 2000 E	5400	10/20/30	3-4,2	-	-	-	-	-
RECG 2500 E	6300	10/20/30	3-4,2	-	-	-	-	-

Water Heating									
Model	**Nominal Airflow** (m³/h)	**Recommended Installation Range** (m)	**Heating Capacity 80/60ºC (kW)** (kW)	**Heating Capacity 60/40ºC (kW)** (kW)	**Heating Capacity 50/40ºC** (kW)	**Heating Capacity 80/60ºC (Ventilation 208Vx1)** (kW)	**Heating Capacity 60/40ºC (Ventilation 208Vx1)** (kW)	**Heating Capacity 50/40ºC (Ventilation 208Vx1)** (kW)	**Nominal Airflow 208V** (m³/h)
RM 1000 P86	1660	2,5-3,5	9,17	-	-	-	-	-	-
RM 1500 P86	2490	2,5-3,5	14,26	-	-	-	-	-	-
RM 2000 P86	3320	2,5-3,5	20,65	-	-	-	-	-	-
RM 2500 P86	4150	2,5-3,5	26,92	-	-	-	-	-	-
RECM 1000 P86	1720	2,5-3,8	9,38	-	-	-	-	-	-
RECM 1500 P86	2580	2,5-3,8	14,58	-	-	-	-	-	-
RECM 2000 P86	3440	2,5-3,8	21,12	-	-	-	-	-	-
RECM 2500 P86	4300	2,5-3,8	27,53	-	-	-	-	-	-
RG 1000 P86	2250	3-4	11,04	-	-	-	-	-	-
RG 1500 P86	3000	3-4	16,02	-	-	-	-	-	-
RG 2000 P86	4500	3-4	24,92	-	-	-	-	-	-
RG 2500 P86	5250	3-4	31,16	-	-	-	-	-	-
RECG 1000 P86	2550	3-4,2	11,89	-	-	-	-	-	-
RECG 1500 P86	3400	3-4,2	17,29	-	-	-	-	-	-
RECG 2000 P86	5100	3-4,2	26,86	-	-	-	-	-	-
RECG 2500 P86	5950	3-4,2	33,63	-	-	-	-	-	-
RM 1000 P64	1660	2,5-3,5	-	8,56	-	-	-	-	-
RM 1500 P64	2490	2,5-3,5	-	13,69	-	-	-	-	-
RM 2000 P64	3320	2,5-3,5	-	18,26	-	-	-	-	-
RM 2500 P64	4150	2,5-3,5	-	22,12	-	-	-	-	-
RECM 1000 P64	1720	2,5-3,8	-	8,77	-	-	-	-	-
RECM 1500 P64	2580	2,5-3,8	-	14,02	-	-	-	-	-
RECM 2000 P64	3440	2,5-3,8	-	18,7	-	-	-	-	-
RECM 2500 P64	4300	2,5-3,8	-	23,33	-	-	-	-	-
RG 1000 P64	2250	3-4	-	10,42	-	-	-	-	-
RG 1500 P64	3000	3-4	-	15,47	-	-	-	-	-

Water Heating										
Model	**Nominal Airflow** (m³/h)	**Recommended Installation Range** (m)	**Heating Capacity 80/60ºC (kW)** (kW)	**Heating Capacity 60/40ºC (kW)** (kW)	**Heating Capacity 50/40ºC** (kW)	**Heating Capacity 80/60ºC (Ventilation 208Vx1)** (kW)	**Heating Capacity 60/40ºC (Ventilation 208Vx1)** (kW)	**Heating Capacity 50/40ºC (Ventilation 208Vx1)** (kW)	**Nominal Airflow 208V** (m³/h)	
RG 2000 P64	4500	3-4	-	22,29	-	-	-	-	-	
RG 2500 P64	5250	3-4	-	26,61	-	-	-	-	-	
RECG 1000 P64	2550	3-4,2	-	11,27	-	-	-	-	-	
RECG 1500 P64	3400	3-4,2	-	16,77	-	-	-	-	-	
RECG 2000 P64	5100	3-4,2	-	24,14	-	-	-	-	-	
RECG 2500 P64	5950	3-4,2	-	28,84	-	-	-	-	-	
RM 1000 P54	1660	2,5-3,5	-	-	8,52	-	-	-	-	
RM 1500 P54	2490	2,5-3,5	-	-	14,34	-	-	-	-	
RM 2000 P54	3320	2,5-3,5	-	-	18,65	-	-	-	-	
RM 2500 P54	4150	2,5-3,5	-	-	24,32	-	-	-	-	
RECM 1000 P54	1720	2,5-3,8	-	-	8,74	-	-	-	-	
RECM 1500 P54	2580	2,5-3,8	-	-	14,71	-	-	-	-	
RECM 2000 P54	3440	2,5-3,8	-	-	19,13	-	-	-	-	
RECM 2500 P54	4300	2,5-3,8	-	-	24,95	-	-	-	-	
RG 1000 P54	2250	3-4	-	-	10,56	-	-	-	-	
RG 1500 P54	3000	3-4	-	-	16,37	-	-	-	-	
RG 2000 P54	4500	3-4	-	-	23,15	-	-	-	-	
RG 2500 P54	5250	3-4	-	-	28,76	-	-	-	-	
RECG 1000 P54	2550	3-4,2	-	-	11,5	-	-	-	-	
RECG 1500 P54	3400	3-4,2	-	-	17,86	-	-	-	-	
RECG 2000 P54	5100	3-4,2	-	-	25,24	-	-	-	-	
RECG 2500 P54	5950	3-4,2	-	-	31,38	-	-	-	-	

60Hz

Unheated			
Model	**Nominal Airflow** (m³/h)	**Recommended Installation Range** (m)	**Nominal Airflow 208V** (m³/h)
RM 1000 A 60Hz	1940	2,5-3,5	0
RM 1500 A 60Hz	2910	2,5-3,5	0
RM 2000 A 60Hz	3880	2,5-3,5	0
RM 2500 A 60Hz	4850	2,5-3,5	0
RECM 1000 A	1840	2,5-3,8	-
RECM 1500 A	2760	2,5-3,8	-
RECM 2000 A	3680	2,5-3,8	-
RECM 2500 A	4600	2,5-3,8	-
RG 1000 A 60Hz	2205	3-4	0
RG 1500 A 60Hz	2940	3-4	0
RG 2000 A 60Hz	4410	3-4	0
RG 2500 A 60Hz	5145	3-4	0
RECG 1000 A	2700	3-4,2	-
RECG 1500 A	3600	3-4,2	-
RECG 2000 A	5400	3-4,2	-
RECG 2500 A	6300	3-4,2	-

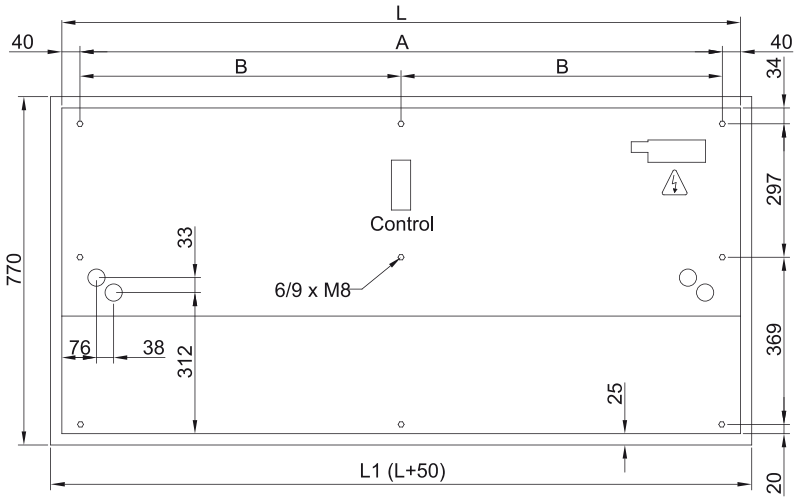
Electrical Heating

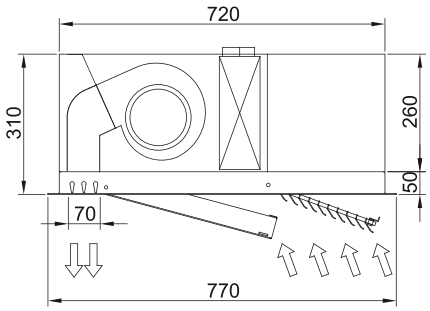
Model	Nominal Airflow (m³/h)	Electrical Heating Capacity 400Vx3 (kW)	Recommended Installation Range (m)	Electrical Heating Capacity 460Vx3 (kW)	Electrical Heating Capacity 480Vx3 (kW)	Electrical Heating Capacity 208Vx3 (kW)	Electrical Heating Capacity 575Vx3 (kW)	Nominal Airflow 208V (m³/h)
RECM 1000 E	1840	3/6/9	2,5-3,8	-	-	-	-	-
RECM 1500 E	2760	4/8/12	2,5-3,8	-	-	-	-	-
RECM 2000 E	3680	6/12/18	2,5-3,8	-	-	-	-	-
RECM 2500 E	4600	6/12/18	2,5-3,8	-	-	-	-	-
RECG 1000 E	2700	5/10/15	3-4,2	-	-	-	-	-
RECG 1500 E	3600	7,5/15/22,5	3-4,2	-	-	-	-	-
RECG 2000 E	5400	10/20/30	3-4,2	-	-	-	-	-
RECG 2500 E	6300	10/20/30	3-4,2	-	-	-	-	-

Water Heating

Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	Heating Capacity 80/60ºC (kW) (kW)	Heating Capacity 60/40ºC (kW) (kW)	Heating Capacity 50/40ºC (kW)	Heating Capacity 80/60ºC (Ventilation 208Vx1) (kW)	Heating Capacity 60/40ºC (Ventilation 208Vx1) (kW)	Heating Capacity 50/40ºC (Ventilation 208Vx1) (kW)	Nominal Airflow 208V (m³/h)
RECM 1000 P86	1720	2,5-3,8	9,38	-	-	-	-	-	-
RECM 1500 P86	2580	2,5-3,8	14,58	-	-	-	-	-	-
RECM 2000 P86	3440	2,5-3,8	21,12	-	-	-	-	-	-
RECM 2500 P86	4300	2,5-3,8	27,53	-	-	-	-	-	-
RECG 1000 P86	2550	3-4,2	11,89	-	-	-	-	-	-
RECG 1500 P86	3400	3-4,2	17,29	-	-	-	-	-	-
RECG 2000 P86	5100	3-4,2	26,86	-	-	-	-	-	-
RECG 2500 P86	5950	3-4,2	33,63	-	-	-	-	-	-
RECM 1000 P64	1720	2,5-3,8	-	8,77	-	-	-	-	-
RECM 1500 P64	2580	2,5-3,8	-	14,02	-	-	-	-	-
RECM 2000 P64	3440	2,5-3,8	-	18,7	-	-	-	-	-
RECM 2500 P64	4300	2,5-3,8	-	23,33	-	-	-	-	-
RECG 1000 P64	2550	3-4,2	-	11,27	-	-	-	-	-
RECG 1500 P64	3400	3-4,2	-	16,77	-	-	-	-	-
RECG 2000 P64	5100	3-4,2	-	24,14	-	-	-	-	-
RECG 2500 P64	5950	3-4,2	-	28,84	-	-	-	-	-
RECM 1000 P54	1720	2,5-3,8	-	-	8,74	-	-	-	-
RECM 1500 P54	2580	2,5-3,8	-	-	14,71	-	-	-	-
RECM 2000 P54	3440	2,5-3,8	-	-	19,13	-	-	-	-
RECM 2500 P54	4300	2,5-3,8	-	-	24,95	-	-	-	-
RECG 1000 P54	2550	3-4,2	-	-	11,5	-	-	-	-
RECG 1500 P54	3400	3-4,2	-	-	17,86	-	-	-	-
RECG 2000 P54	5100	3-4,2	-	-	25,24	-	-	-	-
RECG 2500 P54	5950	3-4,2	-	-	31,38	-	-	-	-

Dimensions





	L	L1	A	B
Recessed Windbox 1000	1000	1050	920	-
Recessed Windbox 1500	1500	1550	1420	710
Recessed Windbox 2000	2000	2050	1920	960
Recessed Windbox 2500	2500	2550	2420	1210