



Characteristics

Windbox Recessed air curtain, designed for concealed ceiling installation and equipped with Kleenfan photocatalytic technology to disinfect and purify the air. Especially suitable for commercial and industrial doorways. Kleenfan technology uses photocatalytic fans: long-life UV-A LED light acts on the titanium dioxide in the impeller, generating Reactive Oxygen Species (ROS) that deactivate a wide range of pathogenic microorganisms (viruses and bacteria) through oxidation-reduction reactions. It also mineralizes most urban air pollutants generated by traffic and industry (NOx, SOx, COx, VOCs, etc.).

Self-supporting galvanized steel casing designed for recessed false ceiling installation. Maintenance-free intake grille with aluminium frame and discharge outlet integrated into a single RAL 9016 white frame as standard; other colours available on request. Linear discharge outlet with anodized aluminium airfoil blades, adjustable in both directions. Double-inlet centrifugal fans with low-noise, low-energy EC external rotor motors. P models include a hot water coil; E models feature a three-stage electric heater with integrated control; A models provide ambient air only, without heating. An optional DX direct expansion coil is also available. Advanced Plug&Play control included: Advanced PRO controller with LCD display and built-in thermostat, door contact, 7 m RJ11 cable and remote control. Optional Clever PRO intelligent control (automatic, programmable, Modbus via PLC, timer, etc.).



- Kleenfan technology with photocatalytic purificant action fans. UV-A rays, from the long-life led, act on the titanium dioxide of the turbine generation Reactive Oxygen Species (ROS) than, through oxidation /reduction reactions, inactivate wide range of pathogenic microorganisms (viruses and bacteria). It mineralizes most of the pollutants present in urban areas produced by vehicles and industry (NOx, SOx, COx, formaldehydes, VOCs, etc.).
- 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.
- EC Double-inlet centrifugal fans driven by an external rotor motor and low noise level, 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 (m³/h)	Recommended Installation Range (m)
RECM 1000 A FC	1840	2,5-3,8
RECM 1500 A FC	2760	2,5-3,8
RECM 2000 A FC	3680	2,5-3,8
RECM 2500 A FC	4600	2,5-3,8
RECG 1000 A FC	2700	3-4,2
RECG 1500 A FC	3600	3-4,2
RECG 2000 A FC	5400	3-4,2
RECG 2500 A FC	6300	3-4,2

Electrical Heating			
Model	Nominal Airflow (m³/h)	Electrical Heating Capacity 400Vx3 (kW)	Recommended Installation Range (m)
RECM 1000 E FC	1840	3/6/9	2,5-3,8
RECM 1500 E FC	2760	4/8/12	2,5-3,8
RECM 2000 E FC	3680	6/12/18	2,5-3,8



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

Water Heating					
Model	Nominal Airflow (m ³ /h)	Recommended Installation Range (m)	Heating Capacity 80/60°C (kW)	Heating Capacity 60/40°C (kW)	Heating Capacity 50/40°C (kW)
RECM 1000 P86 FC	1720	2,5-3,8	9.38	-	-
RECM 1500 P86 FC	2580	2,5-3,8	14.58	-	-
RECM 2000 P86 FC	3440	2,5-3,8	21.12	-	-
RECM 2500 P86 FC	4300	2,5-3,8	27.53	-	-
RECG 1000 P86 FC	2550	3-4,2	11.89	-	-
RECG 1500 P86 FC	3400	3-4,2	17.29	-	-
RECG 2000 P86 FC	5100	3-4,2	26.86	-	-
RECG 2500 P86 FC	5950	3-4,2	33.63	-	-
RECM 1000 P64 FC	1720	2,5-3,8	-	8.77	-
RECM 1500 P64 FC	2580	2,5-3,8	-	14.02	-
RECM 2000 P64 FC	3440	2,5-3,8	-	18.7	-
RECM 2500 P64 FC	4300	2,5-3,8	-	23.33	-
RECG 1000 P64 FC	2550	3-4,2	-	11.27	-
RECG 1500 P64 FC	3400	3-4,2	-	16.77	-
RECG 2000 P64 FC	5100	3-4,2	-	24.14	-
RECG 2500 P64 FC	5950	3-4,2	-	28.84	-
RECM 1000 P54 FC	1720	2,5-3,8	-	-	8.74
RECM 1500 P54 FC	2580	2,5-3,8	-	-	14.71
RECM 2000 P54 FC	3440	2,5-3,8	-	-	19.13
RECM 2500 P54 FC	4300	2,5-3,8	-	-	24.95
RECG 1000 P54 FC	2550	3-4,2	-	-	11.5
RECG 1500 P54 FC	3400	3-4,2	-	-	17.86
RECG 2000 P54 FC	5100	3-4,2	-	-	25.24
RECG 2500 P54 FC	5950	3-4,2	-	-	31.38

60Hz

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RECM 1500 A FC	2760	2,5-3,8
RECM 2000 A FC	3680	2,5-3,8
RECM 2500 A FC	4600	2,5-3,8
RECG 1000 A FC	2700	3-4,2
RECG 1500 A FC	3600	3-4,2
RECG 2000 A FC	5400	3-4,2
RECG 2500 A FC	6300	3-4,2

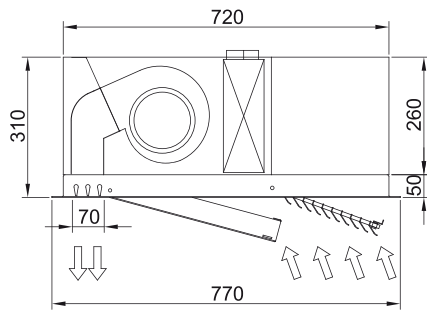
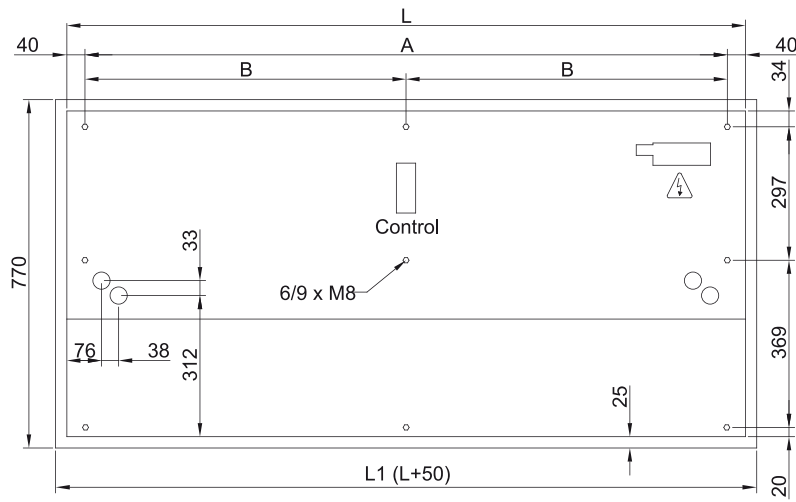


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RECM 2000 E FC	3680	6/12/18	2,5-3,8
RECM 2500 E FC	4600	6/12/18	2,5-3,8
RECG 1000 E FC	2700	5/10/15	3-4,2
RECG 1500 E FC	3600	7,5/15/22,5	3-4,2
RECG 2000 E FC	5400	10/20/30	3-4,2
RECG 2500 E FC	6300	10/20/30	3-4,2

Water Heating					
Model	Nominal Airflow (m ³ /h)	Recommended Installation Range (m)	Heating Capacity 80/60°C (kW)	Heating Capacity 60/40°C (kW)	Heating Capacity 50/40°C (kW)
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RECM 2000 P86 FC	3440	2,5-3,8	21.12	-	-
RECM 2500 P86 FC	4300	2,5-3,8	27.53	-	-
RECG 1000 P86 FC	2550	3-4,2	11.89	-	-
RECG 1500 P86 FC	3400	3-4,2	17.29	-	-
RECG 2000 P86 FC	5100	3-4,2	26.86	-	-
RECG 2500 P86 FC	5950	3-4,2	33.63	-	-
RECM 1000 P64 FC	1720	2,5-3,8	-	8.77	-
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RECM 2000 P64 FC	3440	2,5-3,8	-	18.7	-
RECM 2500 P64 FC	4300	2,5-3,8	-	23.33	-
RECG 1000 P64 FC	2550	3-4,2	-	11.27	-
RECG 1500 P64 FC	3400	3-4,2	-	16.77	-
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RECG 2500 P64 FC	5950	3-4,2	-	28.84	-
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RECG 1500 P54 FC	3400	3-4,2	-	-	17.86
RECG 2000 P54 FC	5100	3-4,2	-	-	25.24
RECG 2500 P54 FC	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