

Rotowind

A revolving door acts as a low-speed fan, forcing a mass of cold or warm air into a room with each rotation. By combining an air curtain with a revolving door system, this unconditioned air is prevented from entering, and a more welcoming entrance is created.

Two types of tailor made Rotowind models are available, designed to fit perfectly to the curvature of the revolving door. A room-side unit that is mounted above the door, but blows across the inner opening, and a room-side external unit, that blows air across the inner opening, but is mounted on the inside of the building.

The Rotowind has a circular discharge jet with anodised aluminium lamellas and low noise centrifugal double inlet fans driven by an external rotor motor with built in thermal protection contact. Units may be custom painted to match the colour of the revolving door, to blend with the internal, or surrounding aesthetics of the building.

An Advanced Pro controller, with built in sensors that intelligently monitor and control temperatures, is included. The wall mounted LCD display offers 5 fan speed selections and 3 heater stages for electrically heated units, or 5 speed fan selection for LPHW and air only units. 7 metres of control cable and an IR hand-held remote are supplied, as standard. An optional Clever PRO intelligent programmable control compatible with Modbus RTU for BMS is also available.



Colours Available

White RAL9016 (standard)
Any classic RAL colour
Brushed stainless steel



Fan Options

AC fan (standard)
EC fan (option)



Mounting Options

Horizontal



Heating Options

Electric LPHW



Max Door Height

4.2 m



Lengths Available

1.0m 1.5m
2.0m 2.5m



Electrically Heated

Model	Max mounting height (m)	Airflow (m³/h)	Electrical heating capacity 400Vx3-50Hz (kW)	Power/current fans 230V-50Hz (kW/A)	Noise level (@5m) dB(A)	Weight (kg)
ROTO G 1000 E	3.8	2400	15	0.642 / 2.85	57	-
ROTO G 1500 E	3.8	3200	22.5	0.856 / 3.80	58	-
ROTO G 2000 E	3.8	4800	30	1.284 / 5.70	59	-
ROTO G 2500 E	3.8	5600	30	1.498 / 6.65	60	-
ROTO ECG 1000 E	4.2	2700	15	0.225 / 1.95	61	-
ROTO ECG 1500 E	4.2	3600	22.5	0.300 / 2.60	62	-
ROTO ECG 2000 E	4.2	5400	30	0.450 / 3.90	63	-
ROTO ECG 2500 E	4.2	6300	30	0.525 / 4.55	64	-

*Tested to Amca 220-05

Model	Max. mounting height (m)	Airflow (m ³ /h)	Water heating capacity (kW) @ 80/60°C	Water drop pressure (Pa) @ 80/60°C	Water heating capacity (kW) @ 60/40°C	Water drop pressure (Pa) @ 60/40°C	Water heating capacity (kW) @ 50/40°C	Water drop pressure (Pa) @ 50/40°C	Power/current (fans) 230V-50Hz (kW/A)	Noise level (dB(A))	Weight (kg)
ROTO G 1000 P	3.8	2250	11.04	1230	10.42	6190	10.56	1790	0.642 / 2.85	57	-
ROTO G 1500 P	3.8	3000	16.02	940	15.47	8020	16.37	5670	0.856 / 3.80	58	-
ROTO G 2000 P	3.8	4500	24.92	2700	22.29	6810	23.15	3030	1.284 / 5.70	59	-
ROTO G 2500 P	3.8	5250	31.16	4930	26.61	5060	28.76	5450	1.498 / 6.65	60	-
ROTO ECG 1000 P	4.2	2550	11.89	1400	11.27	7110	11.5	2090	0.225 / 1.95	61	-
ROTO ECG 1500 P	4.2	3400	17.29	1070	16.77	9240	17.86	6620	0.300 / 2.60	62	-
ROTO ECG 2000 P	4.2	5100	26.86	3080	24.14	7850	25.24	3530	0.450 / 3.90	63	-
ROTO ECG 2500 P	4.2	5950	33.63	5650	28.84	5840	31.38	6360	0.525 / 4.55	64	-

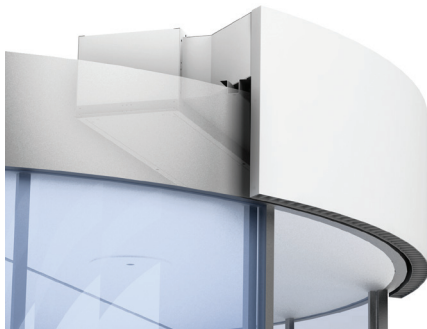
Water heated: connection pipes P86 and P64 are 2x3/4" female (male if lateral pipes), P54 2x1" male.

P86 2 rows coil, P64 3 rows coil, P54 4 rows coil. *Tested to Amca 220-05

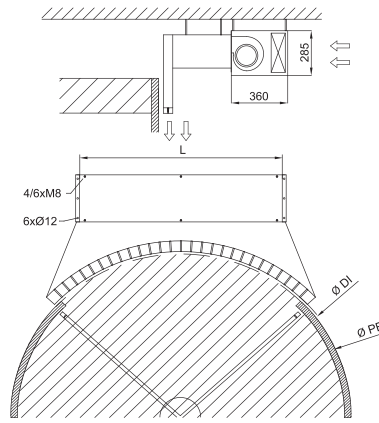
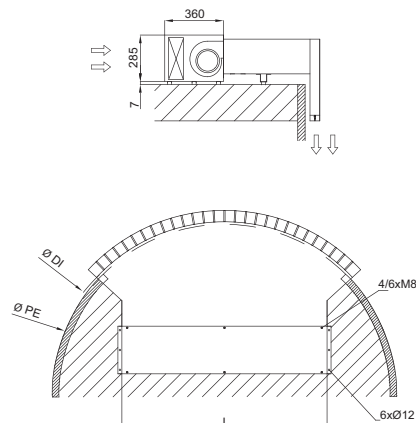
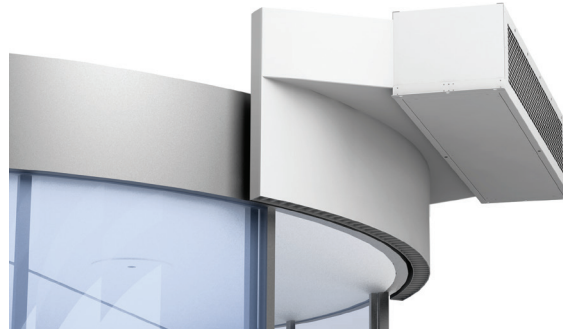
Layouts and Dimensions

Rotowind air curtains are tailor-made for any kind of revolving door.

Top of door mounting



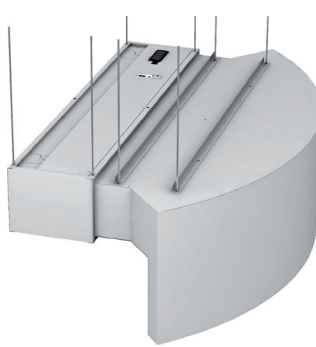
False ceiling mounting



Fixation Systems

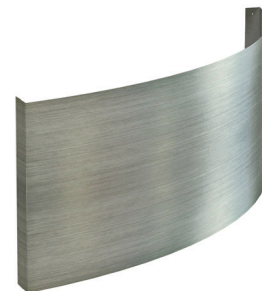


Fixed onto the door



Hanging from ceiling mounting

Fascia cover options



- RAL9016 standard
- Any classic RAL colour
- Stainless steel AISI 304