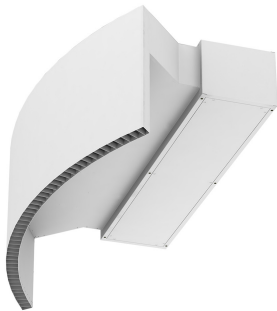




Characteristics

Custom-made air curtain for revolving doors. This model features high-efficiency EC fans, with enough power to cover taller doors or spaces with more complex environmental conditions that require a more powerful airflow.

The Rotowind air curtain can be customized in the same color or material as the revolving door to create harmony with the interior space. It can also be decorated with a custom front cover or with logos, graphics, or signage. Additionally, there are multiple accessories and custom supports available to fit the installation requirements.



- Specially designed to be installed in all type of revolving doors. Two possible layouts, tailored dimensions.
- 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.
- Large faceted inlet grille avoiding intensive maintenance.
- Circular anodized aluminium outlet vanes, airfoil shaped.
- 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 (m³/h)	Recommended Installation Range (m)
ROTO BB 1000 A	4020	5-7
ROTO BB 1500 A	5360	5-7
ROTO BB 2000 A	8040	5-7
ROTO BB 2500 A	9380	5-7
ROTO SB 1000 A	3060	3,5-5
ROTO SB 1500 A	4080	3,5-5
ROTO SB 2000 A	6120	3,5-5
ROTO SB 2500 A	7140	3,5-5

Electrical Heating			
Model	Nominal Airflow (m³/h)	Electrical Heating Capacity 400Vx3 (kW)	Recommended Installation Range (m)
ROTO BB 1000 E	4020	6/15/21	5-7
ROTO BB 1500 E	5360	8/19/27	5-7
ROTO BB 2000 E	8040	12/30/42	5-7
ROTO BB 2500 E	9380	16/30/46	5-7
ROTO SB 1000 E	3060	5/10/15	3,5-5
ROTO SB 1500 E	4080	7,5/15/22,5	3,5-5
ROTO SB 2000 E	5120	10/20/30	3,5-5
ROTO SB 2500 E	7140	12/22/34	3,5-5

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) (kW)



ROTO BB 1000 P86	3750	5-7	18.21	-	-
ROTO BB 1500 P86	5000	5-7	45.78	-	-
ROTO BB 2000 P86	7500	5-7	21.87	-	-
ROTO BB 2500 P86	8750	5-7	45.49	-	-
ROTO SB 1000 P86	2910	3,5-5	12.44	-	-
ROTO SB 1500 P86	3880	3,5-5	31.79	-	-
ROTO SB 2000 P86	5820	3,5-5	21.19	-	-
ROTO SB 2500 P86	6790	3,5-5	42.6	-	-
ROTO BB 1000 P64	3750	5-7	-	23.52	-
ROTO BB 1500 P64	5000	5-7	-	55.04	-
ROTO BB 2000 P64	7500	5-7	-	31.13	-
ROTO BB 2500 P64	8750	5-7	-	16.48	-
ROTO SB 1000 P64	2910	3,5-5	-	18.55	-
ROTO SB 1500 P64	3880	3,5-5	-	38.31	-
ROTO SB 2000 P64	5820	3,5-5	-	30.77	-
ROTO SB 2500 P64	6790	3,5-5	-	-	-
ROTO BB 1000 P54	3750	5-7	-	-	36.57
ROTO BB 1500 P54	5000	5-7	-	-	15.16
ROTO BB 2000 P54	7500	5-7	-	-	38.96
ROTO BB 2500 P54	8750	5-7	-	-	24.15
ROTO SB 1000 P54	2910	3,5-5	-	-	22.84
ROTO SB 1500 P54	3880	3,5-5	-	-	14.47
ROTO SB 2000 P54	5820	3,5-5	-	-	36.94
ROTO SB 2500 P54	6790	3,5-5	-	-	-

60Hz

Unheated		
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)
ROTO BB 1000 A	4020	5-7
ROTO BB 1500 A	5360	5-7
ROTO BB 2000 A	8040	5-7
ROTO BB 2500 A	9380	5-7

Electrical Heating			
Model	Nominal Airflow (m³/h)	Electrical Heating Capacity 400Vx3 (kW)	Recommended Installation Range (m)
ROTO BB 1000 E	4020	6/15/21	5-7
ROTO BB 1500 E	5360	8/19/27	5-7
ROTO BB 2000 E	8040	12/30/42	5-7
ROTO BB 2500 E	9380	16/30/46	5-7

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)
ROTO BB 1000 P86	3750	5-7	18.21	-	-
ROTO BB 1500 P86	5000	5-7	45.78	-	-
ROTO BB 2000 P86	7500	5-7	21.87	-	-
ROTO BB 2500 P86	8750	5-7	45.49	-	-
ROTO BB 1000 P64	3750	5-7	-	23.52	-
ROTO BB 1500 P64	5000	5-7	-	55.04	-



Model	Nominal Airflow (m³/h)	Water Heating			
		Recommended Installation Range (m)	Heating Capacity 80/60°C (kW) (kW)	Heating Capacity 60/40°C (kW) (kW)	Heating Capacity 50/40°C (kW)
ROTO BB 2000 P64	7500	5-7	-	31.13	-
ROTO BB 2500 P64	8750	5-7	-	16.48	-
ROTO BB 1000 P54	3750	5-7	-	-	36.57
ROTO BB 1500 P54	5000	5-7	-	-	15.16
ROTO BB 2000 P54	7500	5-7	-	-	38.96
ROTO BB 2500 P54	8750	5-7	-	-	24.15

Dimensions

