



Technical Features



Range
Up to 4,2 m



Heating types
Heat pump
Gas R32



Casing
Galvanised Steel
Self-Supporting



Airflow / Length
2190 - 5110 m³/h
1m to 2,5m



Heating capacity
9,7 - 28 kW



Grille type
Micro-perforated with
pre-filter included



Fans
EC Double Inlet
Centrifugal



Control
Plug&Play Advanced PRO
Interface Slave



Outlet vanes
Airfoil type

RAL 9016
standard



Stainless
steel



Other colors
on request



ROTOWIND revolving door air curtains are custom designed to perfectly match the curvature of the revolving door. You could therefore say that each air curtain is unique. They are discreetly mounted above the revolving door in two possible configurations and are usually painted in the same colour as the revolving door to match the internal or external aesthetics of the building. Their energy efficient heat pump compatible version achieves a reduction of up to 70% in energy consumption and CO2 emissions (in heating mode).

Interface Slave communication.

Prepared for connection to TOSHIBA Inverter heat pump (R32) with direct expansion valve, not included.v

On request, the air curtain can be modified for cooling and heating operation (not recommended) with optional condensate water pump.

Air curtain specifications

Model	Airflow m ³ /h	Fans power 230V-50/60Hz kW	Fans current 230V-50/60Hz A	Outdoor unit 230Vx1	Outdoor unit 400Vx3	Gas-liquid connection pipes inch	Noise level (5 m) dB(A)	Weight kg
ROTO ECG 1000 DX10-TO	2190	0,213	1,86	RAV-GM1103ATP-E	RAV-GM1103AT8P-E	5/8" - 3/8"	61	-
ROTO ECG 1500 DX13-TO	2920	0,284	2,48	RAV-GM1403ATP-E	RAV-GM1404AT8P-E	5/8" - 3/8"	62	-
ROTO ECG 1500 DX15-TO	2920	0,284	2,48	RAV-GM1603ATP-E	RAV-GM1603AT8P-E	5/8" - 3/8"	62	-
ROTO ECG 2000 DX24-TO	4380	0,426	3,72	-	RAV-GM2203ATP8-E	1" 1/8 - 1/2"	63	-
ROTO ECG 2500 DX25-TO	5110	0,497	4,34	-	RAV-GM2203ATP8-E	1" 1/8 - 1/2"	64	-
ROTO ECG 2500 DX28-TO	5110	0,497	4,34	-	RAV-GM2803AT8P-E	1" 1/8 - 1/2"	64	-

Outdoor unit specifications

Outdoor unit model	Heating capacity kW	COP or SCOP	Cooling capacity kW	EER or SEER	Voltage	Gas-liquid pipes pulgada	Minimum pipe length m	Maximum pipe length m	Maximum pipe height m
RAV-GM1103ATP-E	11,6	4,2	9,5	5,3	230Vx1	5/8" - 3/8"	5	50	30
RAV-GM1103AT8P-E	11,6	4,2	9,5	5,3	400Vx3	5/8" - 3/8"	5	50	30
RAV-GM1403ATP-E	13	4,2	12,1	5,4	230Vx1	5/8" - 3/8"	5	50	30
RAV-GM1403AT8P-E	13	4,2	12,1	5,4	400Vx3	5/8" - 3/8"	5	50	30
RAV-GM1603ATP-E	16	3,9	14	5,3	230Vx1	5/8" - 3/8"	5	50	30
RAV-GM1603AT8P-E	16	3,9	14	5,3	400Vx3	5/8" - 3/8"	5	50	30
RAV-GM2203ATP8-E	22,4	3,9	19	3,2	400Vx3	1" 1/8 - 1/2"	5	100	30
RAV-GM2803AT8P-E	27	3,6	22,5	2,8	400Vx3	1" 1/8 - 1/2"	5	100	30

Also compatible with the Super Digital Inverter range, up to 100m pipe length.



Technical Features



Range
Up to 4,2 m



Heating types
Heat pump
Gas R410a



Casing
Galvanised Steel
Self-Supporting



Airflow / Length
2190 - 5110 m³/h
1m to 2,5m



Heating capacity
9,7 - 29 kW



Grille type
Micro-perforated with
pre-filter included



Fans
EC Double Inlet
Centrifugal



Control
Plug&Play Advanced PRO
+ IR remote control
(Optional Clever Control)



Outlet vanes
Airfoil type

RAL 9016
standard



Stainless
steel



Other colors
on request



ROTOWIND revolving door air curtains are custom designed to perfectly match the curvature of the revolving door. You could therefore say that each air curtain is unique. They are discreetly mounted above the revolving door in two possible configurations and are usually painted in the same colour as the revolving door to match the internal or external aesthetics of the building. Their energy efficient heat pump compatible version achieves a reduction of up to 70% in energy consumption and CO2 emissions (in heating mode).

Prepared for connection to TOSHIBA VRF heat pump (R410A) not included.

On request, the air curtain can be modified for cooling and heating operation (not recommended) with optional condensate water pump.

Air curtain specifications

Model	Airflow m³/h	Fans power 230V-50/60Hz kW	Fans current 230V-50/60Hz A	Expansion valve	Gas-liquid connection pipes inch	Noise level (5 m) dB(A)	Weight kg
ROTO ECG 1000 VRF10-TO	2190	0,213	1,86	MM-DXV140	5/8" – 3/8"	61	-
ROTO ECG 1500 VRF13-TO	2920	0,284	2,48	MM-DXV140	5/8" – 3/8"	62	-
ROTO ECG 2000 VRF24-TO	4380	0,426	3,72	RBM-A101UPVA-E	1" 1/8– 1/2"	63	-
ROTO ECG 2500 VRF25-TO	5110	0,497	4,34	RBM-A101UPVA-E	1" 1/8– 1/2"	64	-

VRF compatible models are as follows:

- SMMS-e Low Refrigerant Charge SMMS-e & MiNi SMMS-e
- SMMS-e
- SMMSu
- SHRM-e

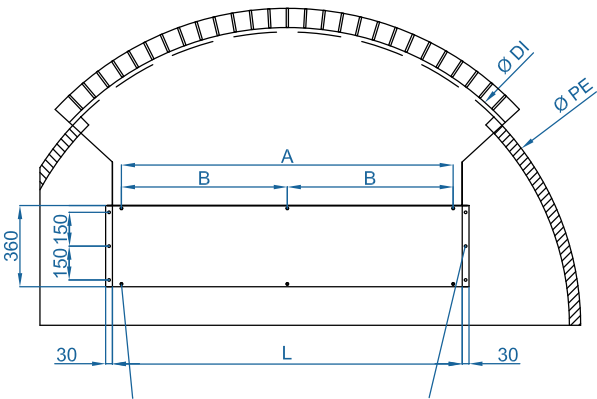
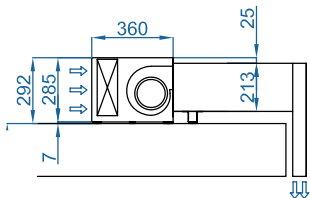


Selection program



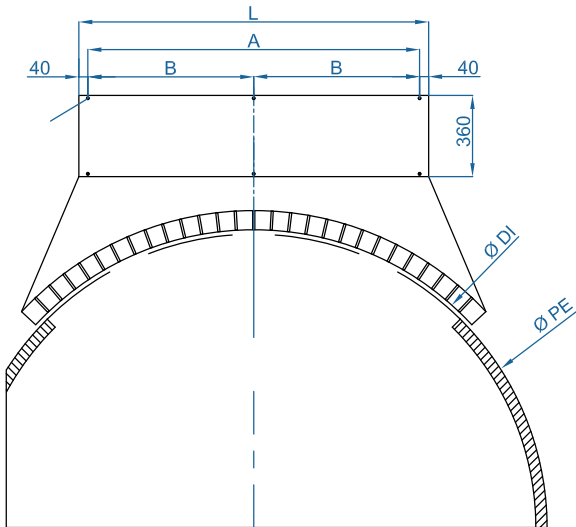
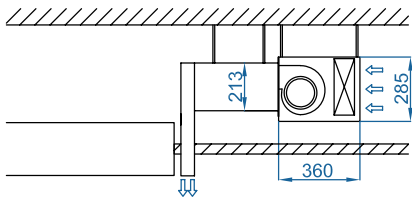
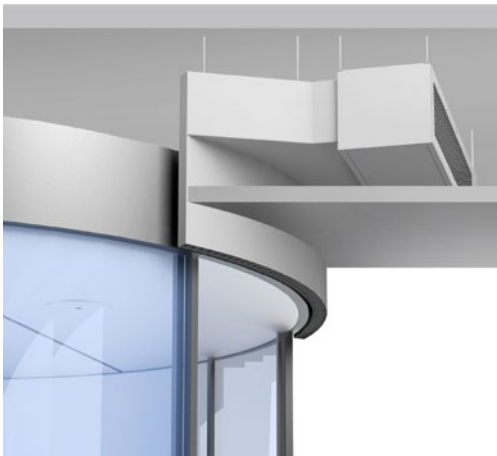
Dimensions

Standard: Installation above the door



Model	L
1000	1050
1500	1550
2000	2055
2500	2555

Inverted: False ceiling installation



ØDI	Inside outlet diameter
ØPE	External door diameter

CAD drawings, BIM files, installation manuals and other documentation





Accessories

Supports



Silentblock supports
SPANG-SIL / SLB



Gripple hanger
SPCT

Control



ADVANCED PRO
✓ Included



IR Control
✓ Included



RJ11 Cable
✓ Included



CLEVER PRO

Sensors



Magnetic door contact
DC
✓ Included



Mechanical door contact
DC