



Technical Features



Range
Up to 4,2 m



Heating types
Heat pump
Gas R32



Casing
Galvanised Steel
Self-Supporting



Airflow / Length
2190 - 5840 m³/h
1m to 3m



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
Adjustable

SMART air curtain combines the best technological features with design and quality finishes. Contemporary, discreet and elegant, it has a smooth front panel because the air inlet is hidden at the top, thus avoiding the interior view of the air curtain and the grille with the filter. Its energy saving heat pump compatible version achieves a reduction of up to 70% in consumption and CO2 emissions (in heating mode).

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

Interface Slave communication.

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	Outdoor unit 230Vx1	Outdoor unit 400Vx3	Gas-Liquid pipe connections inch	Noise Level (5 m) dB(A)	Weight kg
SMART ECM 1500 DX12-TO	2460	0,213	1,86	RAV-GM1103ATP-E	RAV-GM1103AT8P-E	5/8" - 3/8"	57	58
SMART ECM 2000 DX16-TO	3280	0,284	2,48	RAV-GM1603ATP-E	RAV-GM1603AT8P-E	5/8" - 3/8"	58	73
SMART ECM 2500 DX21-TO	4100	0,355	3,10	-	RAV-GM2203ATP8-E	1" 1/8 - 1/2"	59	79
SMART ECM 3000 DX26-TO	4920	0,426	3,72	-	RAV-GM2803AT8P-E	1" 1/8 - 1/2"	60	91
SMART ECG 1000 DX10-TO	2190	0,213	1,86	RAV-GM1103ATP-E	RAV-GM1103AT8P-E	5/8" - 3/8"	61	44
SMART ECG 1500 DX13-TO	2920	0,284	2,48	RAV-GM1403ATP-E	RAV-GM1403AT8P-E	5/8" - 3/8"	62	64
SMART ECG 1500 DX15-TO	2920	0,284	2,48	RAV-GM1603ATP-E	RAV-GM1603AT8P-E	5/8" - 3/8"	62	64
SMART ECG 2000 DX24-TO	4380	0,426	3,72	-	RAV-GM2203ATP8-E	1" 1/8 - 1/2"	63	83
SMART ECG 2500 DX25-TO	5110	0,497	4,34	-	RAV-GM2203ATP8-E	1" 1/8 - 1/2"	64	87
SMART ECG 2500 DX28-TO	5110	0,497	4,34	-	RAV-GM2803AT8P-E	1" 1/8 - 1/2"	64	87
SMART ECG 3000 DX28-TO	5840	0,568	4,96	-	RAV-GM2803AT8P-E	1" 1/8 - 1/2"	65	99

Outdoor unit specifications

Outdoor unit model	Heating capacity kW	COP or SCOP	Cooling capacity kW	EER or SEER	Voltage	Gas-liquid pipes inch	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-GM1404AT8P-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



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Heat pump
Gas R410a



Casing
Galvanised Steel
Self-Supporting



Airflow / Length
2190 - 5840 m³/h
1m to 3m



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
Adjustable

RAL 9016
standard



Stainless
steel



Other colors
on request



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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 m ³ /h	Fans power 230V-50/60Hz kW	Fans current 230V-50/60Hz A	Expansion valve	Gas-Liquid pipe connections inch	Noise Level (5 m) dB(A)	Weight kg
SMART ECM 1500 VRF12-TO	2460	0,213	1,86	MM-DXV140	5/8" - 3/8"	57	58
SMART ECM 2000 VRF16-TO	3280	0,284	2,48	MM-DXV140	5/8" - 3/8"	58	73
SMART ECM 2500 VRF21-TO	4100	0,355	3,10	RBM-A101UPVA-E	1" 1/8- 1/2"	59	79
SMART ECM 3000 VRF26-TO	4920	0,426	3,72	RBM-A101UPVA-E	1" 1/8- 1/2"	60	91
SMART ECG 1000 VRF10-TO	2190	0,213	1,86	MM-DXV140	5/8" - 3/8"	61	44
SMART ECG 1500 VRF13-TO	2920	0,284	2,48	MM-DXV140	5/8" - 3/8"	62	64
SMART ECG 2000 VRF24-TO	4380	0,426	3,72	RBM-A101UPVA-E	1" 1/8- 1/2"	63	83
SMART ECG 2500 VRF25-TO	5110	0,497	4,34	RBM-A101UPVA-E	1" 1/8- 1/2"	64	87
SMART ECG 3000 VRF29-TO	5840	0,568	4,96	RBM-A101UPVA-E	1" 1/8- 1/2"	65	99

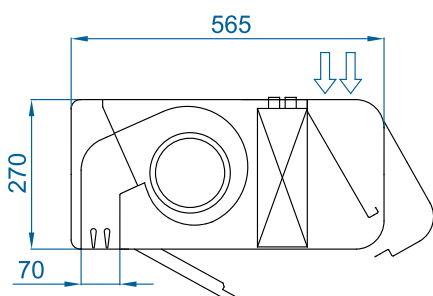
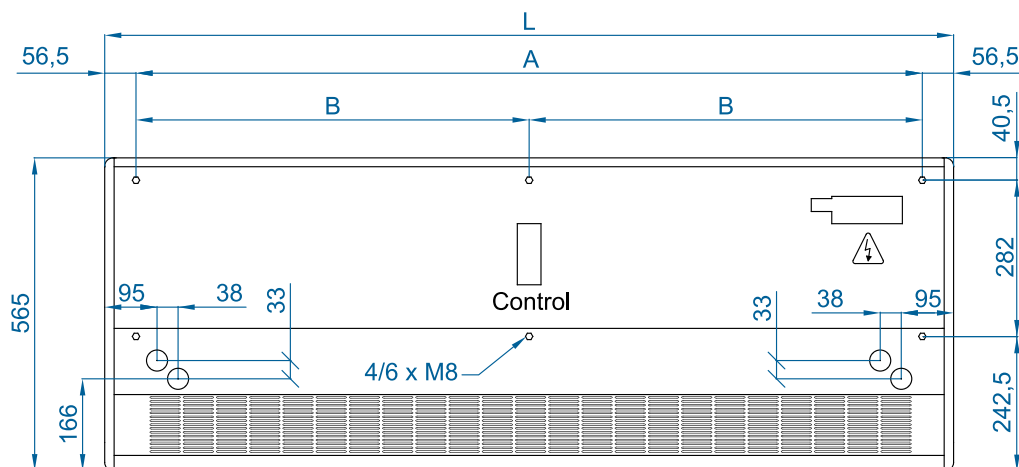
VRF compatible models are as follows:

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



Selection program

Dimensions



Model	L	A	B
1000	1034	920	-
1500	1534	1420	710
2000	2034	1920	960
2500	2534	2420	1210
3000	3034	2920	1460

CAD drawings, BIM files, installation manuals and other documents



Accessories

Supports



Wall rail support
SPWR



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