



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 0-15° each side

RAL 9016
standard



Stainless
steel



Other colors
on request



DAM is an air curtain from the standard range that stands out for its versatility and the design of its front part. The classic suction grille has been efficiently replaced by a front panel that can be customised with logos, signage, graphics or images and a double air intake at the top and bottom of the curtain. With this solution, the need for grille maintenance is eliminated and the decorative front panel provides a modern and clean view of the equipment. 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 connection pipes inch	Noise level (5 m) dB(A)	Weight kg
DAM ECM 1500 DX12-TO	2460	0,213	1,86	RAV-GM1103ATP-E	RAV-GM1103AT8P-E	5/8" - 3/8"	57	64
DAM ECM 2000 DX16-TO	3280	0,284	2,48	RAV-GM1603ATP-E	RAV-GM1603AT8P-E	5/8" - 3/8"	58	81
DAM ECM 2500 DX21-TO	4100	0,355	3,10	-	RAV-GM2203ATP8-E	1" 1/8 - 1/2"	59	89
DAM ECM 3000 DX26-TO	4920	0,426	3,72	-	RAV-GM2803AT8P-E	1" 1/8 - 1/2"	60	103
DAM ECG 1000 DX10-TO	2190	0,213	1,86	RAV-GM1103ATP-E	RAV-GM1103AT8P-E	5/8" - 3/8"	61	48
DAM ECG 1500 DX13-TO	2920	0,284	2,48	RAV-GM1403ATP-E	RAV-GM1404AT8P-E	5/8" - 3/8"	62	70
DAM ECG 1500 DX15-TO	2920	0,284	2,48	RAV-GM1603ATP-E	RAV-GM1603AT8P-E	5/8" - 3/8"	62	70
DAM ECG 2000 DX24-TO	4380	0,426	3,72	-	RAV-GM2203ATP8-E	1" 1/8 - 1/2"	63	91
DAM ECG 2500 DX25-TO	5110	0,497	4,34	-	RAV-GM2203ATP8-E	1" 1/8 - 1/2"	64	97
DAM ECG 2500 DX28-TO	5110	0,497	4,34	-	RAV-GM2803AT8P-E	1" 1/8 - 1/2"	64	97
DAM ECG 3000 DX28-TO	5840	0,568	4,96	-	RAV-GM2803AT8P-E	1" 1/8 - 1/2"	65	111

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-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



Heating types
Heat pump
Gas R410a



Casing
Galvanised Steel
Self-Supporting



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



Heating capacity
10 - 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 0-15° each side

RAL 9016
standard



Stainless
steel



Other colors
on request



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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 pipe connections inch	Noise Level (5 m) dB(A)	Weight kg
DAM ECM 1500 VRF12-TO	2460	0,213	1,86	MM-DXV140	5/8" - 3/8"	57	64
DAM ECM 2000 VRF16-TO	3280	0,284	2,48	MM-DXV140	5/8" - 3/8"	58	81
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DAM ECG 2000 VRF24-TO	4380	0,426	3,72	RBM-A101UPVA-E	1" 1/8 - 1/2"	63	91
DAM ECG 2500 VRF25-TO	5110	0,497	4,34	RBM-A101UPVA-E	1" 1/8 - 1/2"	64	97
DAM ECG 3000 VRF29-TO	5840	0,568	4,96	RBM-A101UPVA-E	1" 1/8 - 1/2"	65	111

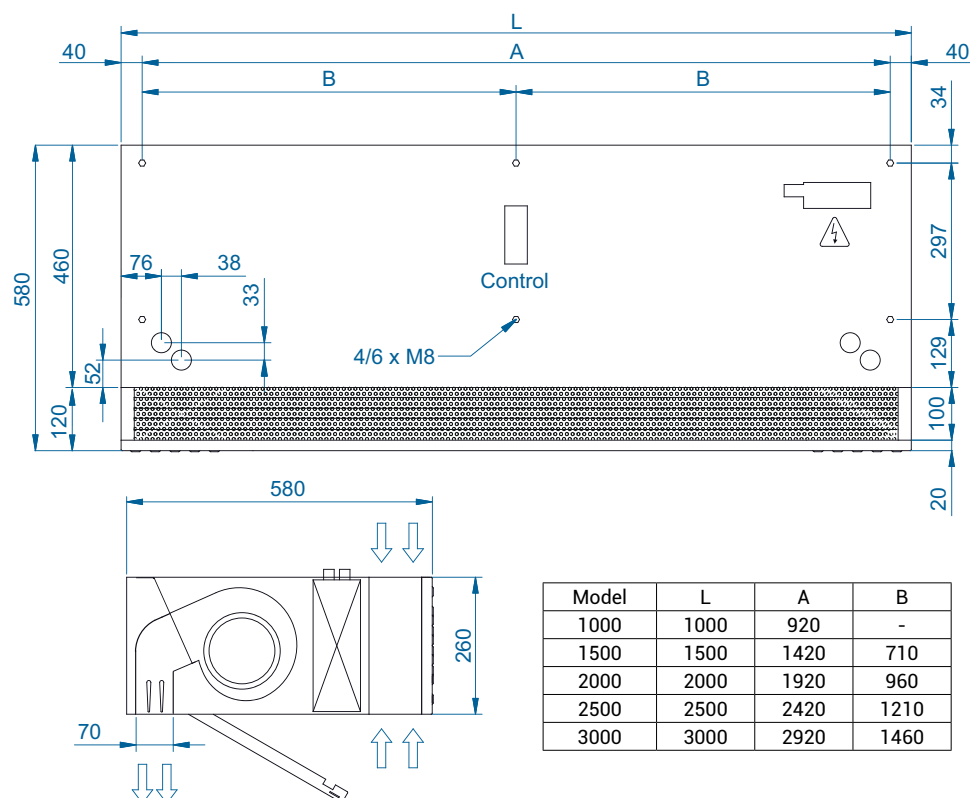
VRF compatible models are as follows:

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



Selection program

Dimensions



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