



Technical Features



RAL 9016
standard



Other colors
on request



Range
Up to 4,2 m



Heating types
Heat pump
R32



Casing
Galvanised Steel
Self-Supporting



Airflow / Length
1640 - 5840 m³/h
1m to 3m



Heating capacity
8 - 27 kW



Grille type
Micro-perforated with
pre-filter included



Fans
EC Double Inlet
Centrifugal



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



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).

Advanced Plug&Play control. Includes: Advanced PRO control with LCD display and integrated thermostat, door contact, 7m RJ11 cable and remote control.

Requires MITSUBISHI ELECTRIC DX Interface KIT adapted for air curtain and programmable control, please consult.

Prepared for connection to MITSUBISHI ELECTRIC heat pump (R32/R410A) and expansion valve (not included), to be purchased by the customer.

On request, the air curtain can be modified to work in cooling and heating (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 pipe connections inch	Noise level (5 m) dB(A)	Weight kg
SMART ECM 1000 DX8-ME	1640	0,142	1,24	PUZ-ZM71VHA	-	5/8" - 3/8"	56	35
SMART ECM 1500 DX11-ME	2460	0,213	1,86	PUZ-ZM100VKA	PUZ-ZM100YKA	5/8" - 3/8"	57	53
SMART ECM 1500 DX13-ME	2460	0,213	1,86	PUZ-ZM125VKA	PUZ-ZM125YKA	5/8" - 3/8"	57	53
SMART ECM 2000 DX16-ME	3280	0,284	2,48	PUZ-ZM140VKA	PUZ-ZM140YKA	5/8" - 3/8"	58	69
SMART ECM 2500 DX22-ME	4100	0,355	3,10	-	PUZ-ZM200YKA	1" - 3/8"	59	86
SMART ECM 2500 DX24-ME	4100	0,355	3,10	-	PUZ-ZM250YKA	1" - 1/2"	59	86
SMART ECM 3000 DX26-ME	4920	0,426	3,72	-	PUZ-ZM250YKA	1" - 1/2"	60	103
SMART ECG 1000 DX10-ME	2190	0,213	1,86	PUZ-ZM100VKA	PUZ-ZM100YKA	5/8" - 3/8"	61	50
SMART ECG 1500 DX14-ME	2920	0,284	2,48	PUZ-ZM125VKA	PUZ-ZM125YKA	5/8" - 3/8"	62	59
SMART ECG 2000 DX22-ME	4380	0,426	3,72	-	PUZ-ZM200YKA	5/8" - 3/8"	63	92
SMART ECG 2000 DX24-ME	4380	0,426	3,72	-	PUZ-ZM250YKA	1" - 3/8"	63	92
SMART ECG 2500 DX27-ME	5110	0,497	4,34	-	PUZ-ZM250YKA	1" - 1/2"	64	96
SMART ECG 3000 DX27-ME	5840	0,568	5,96	-	PUZ-ZM250YKA	1" - 1/2"	65	109

(*) Includes direct expansion valve. PUZ-ZM units with gas R32.

Also compatible with PUZ-M (R32) and PUHZ-ZRP, PUHZ-P, PUHZ-SHW (R410).

Outdoor unit specifications

Inverter model Outdoor Unit R32	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
PUZ-ZM71VHA	8	4,30	7,1	4,39	230Vx1	5/8" - 3/8"	-	50	30
PUZ-ZM100VKA	11,2	4,53	10	4,68	230Vx1	5/8" - 3/8"	-	100	30
PUZ-ZM100YKA	11,2	4,53	10	4,68	400Vx3	5/8" - 3/8"	-	100	30
PUZ-ZM125VKA	14	3,86	12,5	3,95	230Vx1	5/8" - 3/8"	-	100	30
PUZ-ZM125YKA	14	3,86	12,5	3,95	400Vx3	5/8" - 3/8"	-	100	30
PUZ-ZM140VKA	16	3,76	14	3,71	230Vx1	5/8" - 3/8"	-	100	30
PUZ-ZM140YKA	16	3,76	14	3,71	400Vx3	5/8" - 3/8"	-	100	30
PUZ-ZM200YKA	22,4	3,77	20	3,65	400Vx3	1" - 3/8"	-	70	30
PUZ-ZM250YKA	27	3,47	25	3,22	400Vx3	1" - 1/2"	-	70	30

When adverse weather conditions, the outdoor unit capacity can decrease. It is recommendable to oversize the units.



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Other colors
on request



Range
Up to 4,2 m



Heating types
Heat pump
R410a



Casing
Galvanised Steel
Self-Supporting



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



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 Pro)



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).

Advanced Plug&Play control. Includes: Advanced PRO control with LCD display and integrated thermostat, door contact, 7m RJ11 cable and remote control.

Requires MITSUBISHI ELECTRIC VRF Interface KIT adapted for air curtain with expansion valve and programmable control, please consult.

Prepared for connection to MITSUBISHI ELECTRIC VRF (R410A) outdoor heat pump unit (not included), to be purchased by the customer.

On request, the air curtain can be modified to work in cooling and heating (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	KIT VRF	Gas-Liquid pipe connections inch	Noise level (5 m) dB(A)	Weight kg
SMART ECM 1500 VRF12-ME	2460	0,213	1,86	PAC-AH125M-J	5/8" - 3/8"	57	53
SMART ECM 2000 VRF16-ME	3280	0,284	2,48	PAC-AH125M-J	5/8" - 3/8"	58	69
SMART ECM 2000 VRF19-ME	3280	0,284	2,48	PAC-AH250M-J	1" - 3/8"	58	69
SMART ECM 2500 VRF21-ME	4100	0,355	3,10	PAC-AH250M-J	1" - 3/8"	59	86
SMART ECM 2500 VRF24-ME	4100	0,355	3,10	PAC-AH250M-J	1" - 1/2"	59	86
SMART ECM 3000 VRF26-ME	4920	0,426	3,72	PAC-AH250M-J	1" - 1/2"	60	91
SMART ECM 3000 VRF30-ME	4920	0,426	3,72	PAC-AH250M-J	1" - 1/2"	60	91
SMART ECG 1000 VRF10-ME	2190	0,213	1,86	PAC-AH125M-J	5/8" - 3/8"	61	50
SMART ECG 1500 VRF13-ME	2920	0,284	2,48	PAC-AH125M-J	5/8" - 3/8"	62	59
SMART ECG 1500 VRF15-ME	2920	0,284	2,48	PAC-AH125M-J	5/8" - 3/8"	62	59
SMART ECG 2000 VRF20-ME	4380	0,426	3,72	PAC-AH250M-J	1" - 3/8"	63	92
SMART ECG 2000 VRF24-ME	4380	0,426	3,72	PAC-AH250M-J	1" - 1/2"	63	92
SMART ECG 2500 VRF25-ME	5110	0,497	4,34	PAC-AH250M-J	1" - 1/2"	64	96
SMART ECG 2500 VRF29-ME	5110	0,497	4,34	PAC-AH250M-J	1" - 1/2"	64	96
SMART ECG 3000 VRF29-ME	5840	0,568	4,96	PAC-AH250M-J	1" - 1/2"	65	99

(*) Includes direct expansion valve.



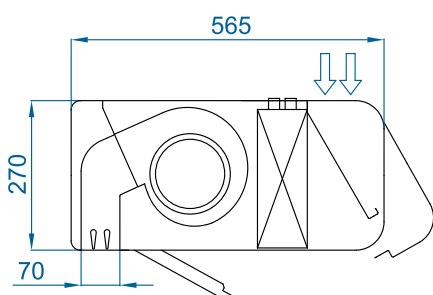
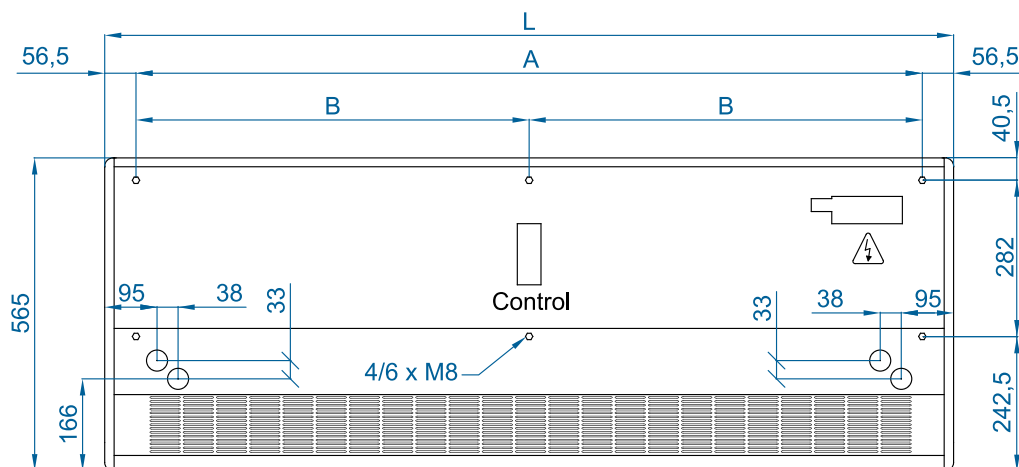
Selection program

VRF-compatible models are as follows:

- City Multi - Y Series (Heat Pump)
- City Multi - R2 Series (Heat Recovery)

When adverse weather conditions, the outdoor unit capacity can decrease. It is recommendable to oversize the units.

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