



Technical Features



Range
Up to 4,2 m



Heating types
Heat pump
R32



Casing
Galvanised Steel
Self-Supporting



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



Heating capacity
11,2 - 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

RAL 9016
standard



Stainless
steel



Other colors
on request



Decorative, minimalist and elegant, ZEN air curtain is the favourite of architects and designers to include in their building projects. Its smart design and high performance is perfect to blend with any building's internal or external aesthetics, being also an active part of decoration or premises environment. ZEN air curtain offers infinite possibilities of customization. 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.

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
ZEN ECG 1000 DX10-ME	2190	0,213	1,86	PUZ-ZM100VKA	PUZ-ZM100YKA	5/8" - 3/8"	61	50
ZEN ECG 1500 DX14-ME	2920	0,284	2,48	PUZ-ZM125VKA	PUZ-ZM125YKA	5/8" - 3/8"	62	59
ZEN ECG 2000 DX22-ME	4380	0,426	3,72	-	PUZ-ZM200YKA	1" - 3/8"	63	92
ZEN ECG 2000 DX24-ME	4380	0,426	3,72	-	PUZ-ZM250YKA	1" - 1/2"	63	92
ZEN ECG 2500 DX27-ME	5110	0,497	4,34	-	PUZ-ZM250YKA	1" - 1/2"	64	96

(*) 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-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-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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R410a



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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

RAL 9016
standard



Stainless
steel



Other colors
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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.

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
ZEN ECG 1000 VRF10-ME	2190	0,213	1,86	PAC-AH125M-J	5/8" - 3/8"	61	50
ZEN ECG 1500 VRF13-ME	2920	0,284	2,48	PAC-AH125M-J	5/8" - 3/8"	62	59
ZEN ECG 1500 VRF15-ME	2920	0,284	2,48	PAC-AH125M-J	5/8" - 3/8"	62	59
ZEN ECG 2000 VRF20-ME	4380	0,426	3,72	PAC-AH250M-J	1" - 3/8"	63	92
ZEN ECG 2000 VRF24-ME	4380	0,426	3,72	PAC-AH250M-J	1" - 1/2"	63	92
ZEN ECG 2500 VRF25-ME	5110	0,497	4,34	PAC-AH250M-J	1" - 1/2"	64	96
ZEN ECG 2500 VRF29-ME	5110	0,497	4,34	PAC-AH250M-J	1" - 1/2"	64	96

(*) Includes direct expansion valve.

VRF-compatible models are as follows:

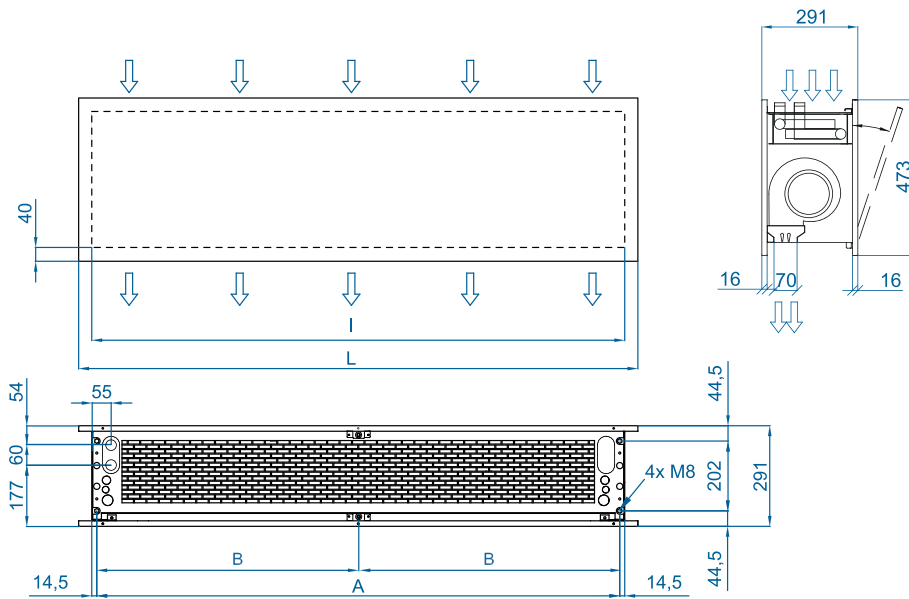
- City Multi - Y Series (Heat Pump)
- City Multi - R2 Series (Heat Recovery)

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



Selection program

Dimensions



Model	E	I	A
1000	1220	1140	1115
1500	1620	1544	1515
2000	2120	2044	2015
2500	2620	2544	2515

CAD drawings, BIM files, installation manuals and other documentation



Finishings



Vertical installation





Accessories

Supports



Wall rail support
SPWR



Silentblock supports
SPANG-SIL / SLB



Gripple hanger
SPCT



Angle support
SPWA



Arm support
SPARM



Omega support
SPT4

Control



ADVANCED PRO
✓ Included



IR Control
✓ Included



RJ11 Cable
✓ Included



CLEVER PRO

Sensors



Magnetic door contact
DC
✓ Included



Mechanical door contact
DC