



Technical Features



Range
Up to 4,2 m



Heating types
Heat pump
R32



Casing
Galvanised Steel
Self-Supporting



Airflow / Length
2920 - 5110 m³/h
1,5m to 2,5m



Heating capacity
14- 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 0-15° each side

RAL 9016
standard



Stainless
steel



Other colors
on request



The INVISAIR air curtain is designed to be installed invisibly in false ceilings or drawers around the door. It is an ideal solution for those entrances that for architectural reasons require an air curtain installation that is fully integrated into the interior design of the building. 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
IECG 1000 DX10-ME	2190	0,213	1,86	PUZ-ZM100VKA	PUZ-ZM100YKA	5/8" - 3/8"	61	61
IECG 1500 DX14-ME	2920	0,284	2,48	PUZ-ZM125VKA	PUZ-ZM125YKA	5/8" - 3/8"	62	69
IECG 2000 DX22-ME	4380	0,426	3,72	-	PUZ-ZM200YKA	1" - 3/8"	63	89
IECG 2000 DX24-ME	4380	0,426	3,72	-	PUZ-ZM250YKA	1" - 1/2"	63	89
IECG 2500 DX27-ME	5110	0,497	4,34	-	PUZ-ZM250YKA	1" - 1/2"	64	94
IECG 3000 DX27-ME	5840	0,568	4,96	-	PUZ-ZM250YKA	1" - 1/2"	65	108

(*) 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
**2920 - 5110 m³/h
1,5m to 2,5m**



Heating capacity
13 - 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 0-15° each side**

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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 m³/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
IECG 1000 VRF10-ME	2190	0,213	1,86	PAC-AH125M-J	5/8" – 3/8"	61	61
IECG 1500 VRF13-ME	2920	0,284	2,48	PAC-AH125M-J	5/8" – 3/8"	62	59
IECG 1500 VRF15-ME	2920	0,284	2,48	PAC-AH125M-J	5/8" – 3/8"	62	59
IECG 2000 VRF20-ME	4380	0,426	3,72	PAC-AH250M-J	1" – 3/8"	63	92
IECG 2000 VRF24-ME	4380	0,426	3,72	PAC-AH250M-J	1" – 1/2"	63	92
IECG 2500 VRF25-ME	5110	0,497	4,34	PAC-AH250M-J	1" – 1/2"	64	96
IECG 2500 VRF29-ME	5110	0,497	4,34	PAC-AH250M-J	1" – 1/2"	64	96
IECG 3000 VRF29-ME	5840	0,568	4,96	PAC-AH250M-J	1" – 1/2"	65	108

(*) Includes direct expansion valve.

VRF-compatible models are as follows:

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

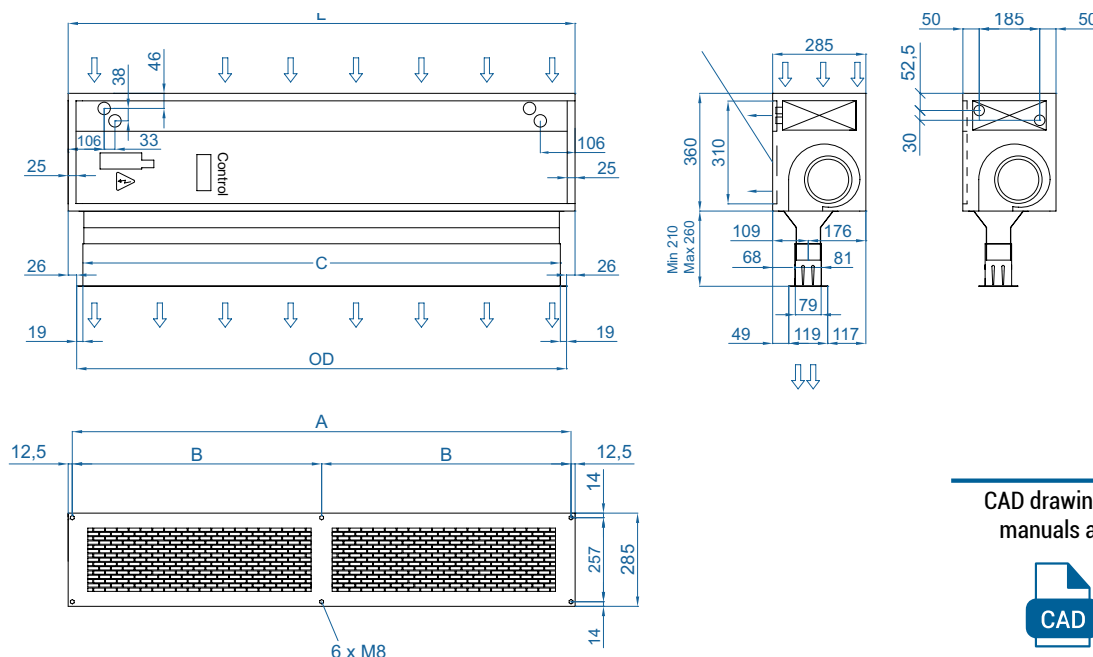
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Selection program



Dimensions



Invisair	L	A	B	C	OD
1000	1050	1025	.	961	998
1500	1550	1525	762,5	1461	1498
2000	2055	2030	1015	1961	1998
2500	2555	2530	1265	2461	2498
3000	3000	2975	1487,5	2961	2998

CAD drawings, BIM files, installation manuals and other documentation



Accessories

Supports



Wall rail support
SPWR



Silentblock supports
SPANG-SIL / SLB



Gripple hanger
SPCT



Angle support
SPWA

Control



ADVANCED PRO
✓ Included



IR Control
✓ Included



RJ11 Cable
✓ Included



CLEVER PRO

Sensors



Magnetic door contact
DC
✓ Included



Mechanical door contact
DC