



Characteristics



- Energy saving heat pump air curtain: Up to 70% reduction in costs and CO2 emissions (heating mode).
- Self-supporting casing construction made of galvanized steel plate, finished in structural epoxy-polyester painting white colour RAL9016 as standard. Other colours or stainless steel are available on request.
- Two frontal grille options: Industrial perforated (by default), commercial microperforated. Internal prefilter included.
- Anodized aluminium outlet vanes, airfoil shaped, adjustable from 0 to 15° each side.
- Low noise double-inlet centrifugal fans with external rotor motor. 5-speed controller.
- Includes only heating direct expansion coil with installed temperature sensors. Under request it can be modified to work in cooling and heating mode (not recommended) with optional condensate water pump.
- Plug&Play control panel CS-5DX-NE slave DX with 5 speeds selector and 10m telephone cable included.
- DX 1:1:
Optional: Advanced Clever Control (programmable, automatic, intelligent, energy savings, Modbus RTU for BMS...) with special program to work in cooling mode which avoids water condensation. It regulates cooling power to maintain air speed and get the environments separation.
Ready to connect to MITSUBISHI ELECTRIC Power Inverter outdoor heat pump unit (R410A/R32) with expansion valve, not included, the customer should purchase it.
Requires MITSUBISHI ELECTRIC DX Interface KIT with programmable control adapted for air curtain, please consult.
- DX VRF:
Ready to connect to MITSUBISHI ELECTRIC VRF outdoor heat pump unit (R410A), not included, the customer should purchase it.
Requires MITSUBISHI ELECTRIC VRF Interface KIT adapted for air curtain with expansion valve and programmable control, please consult.

Specifications

50Hz

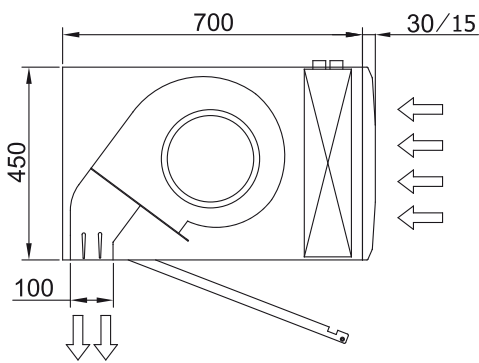
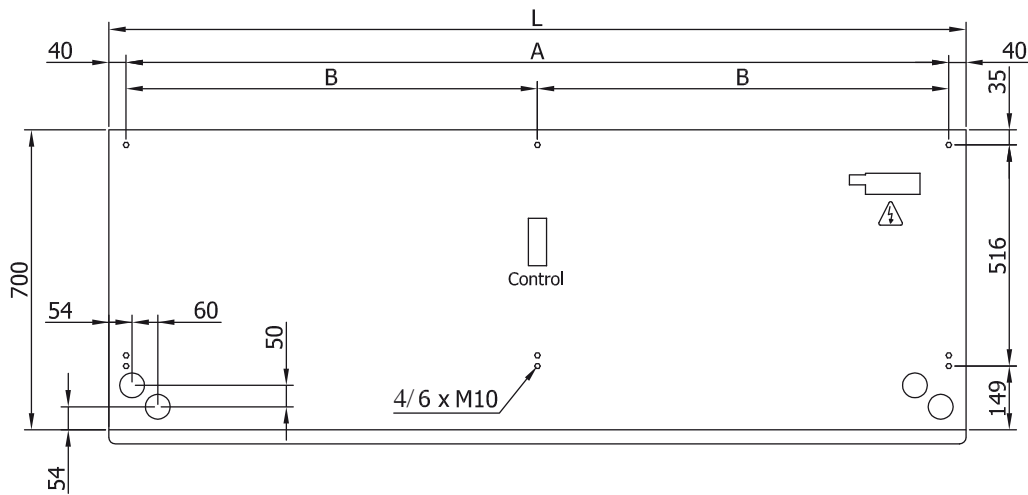
Heat Pump - DX 1:1				
Model	Nominal Airflow (m³/h)	Outdoor Unit 230Vx1	Outdoor Unit 400Vx3	Recommended Installation Range (m)
L 1000 DX15-ME	3525	PUZ-ZM140VKA	PUZ-ZM140YKA	4-5
L 1500 DX27-ME	5300	-	PUZ-ZM250YKA	4-5
L 2000 DX36-ME	7050	-	2x PUZ-ZM125YKA + PUZ-ZM200YKA	4-5
L 2500 DX43-ME	8800	-	2x PUZ-ZM200YKA + PUZ-ZM200YKA	4-5
L 3000 DX49-ME	10600	-	2x PUZ-ZM200YKA + PUZ-ZM250YKA	4-5
XL 1000 DX22-ME	4550	-	PUZ-ZM200YKA	5-7
XL 1500 DX34-ME	6850	-	2x PUZ-ZM100YKA + PUZ-ZM200YKA	5-7
XL 2000 DX45-ME	9100	-	2x PUZ-ZM200YKA + PUZ-ZM200YKA	5-7
XL 2500 DX52-ME	11400	-	2x PUZ-ZM250YKA + PUZ-ZM250YKA	5-7
XL 3000 DX54-ME	13600	-	2x PUZ-ZM250YKA + PUZ-ZM250YKA	5-7

Heat Pump - VRF				
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Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)
L 1000 VRF19-ME	3525	4-5
L 1500 VRF29-ME	5300	4-5
L 2000 VRF39-ME	7050	4-5
L 2500 VRF43-ME	8800	4-5
L 3000 VRF49-ME	10600	4-5
XL 1000 VRF23-ME	4550	5-7
XL 1500 VRF34-ME	6850	5-7
XL 2000 VRF47-ME	9100	5-7
XL 2500 VRF61-ME	11400	5-7
XL 3000 VRF58-ME	13600	5-7

Dimensions



L	A	B
1000	920	-
1500	1420	710
2000	1920	960
2500	2420	1210
3000	2920	1460