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 15º 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 recomended) with optional condensate water pump.
- Advanced Plug&Play control. Includes: Advanced PRO control with LCD display and integrated thermostat, door contact, 10m RJ11 cable and remote control.
- 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.
- DX 1:1:
  Ready to connect to LG Inverter outdoor heat pump unit (R410A/R32) with expansion valve, not included, the customer should purchase it.
  Requires LG DX Interface KIT adapted for air curtain and programmable control, please consult.
- DX VRF:
  Ready to connect to LG VRF outdoor heat pump unit (R410A) and expansion valve, not included, the customer should purchase it.
  Requires LG VRF Interface KIT adapted for air curtain and programmable control, please consult.

Specifications

50Hz

Heat Pump - DX 1:1

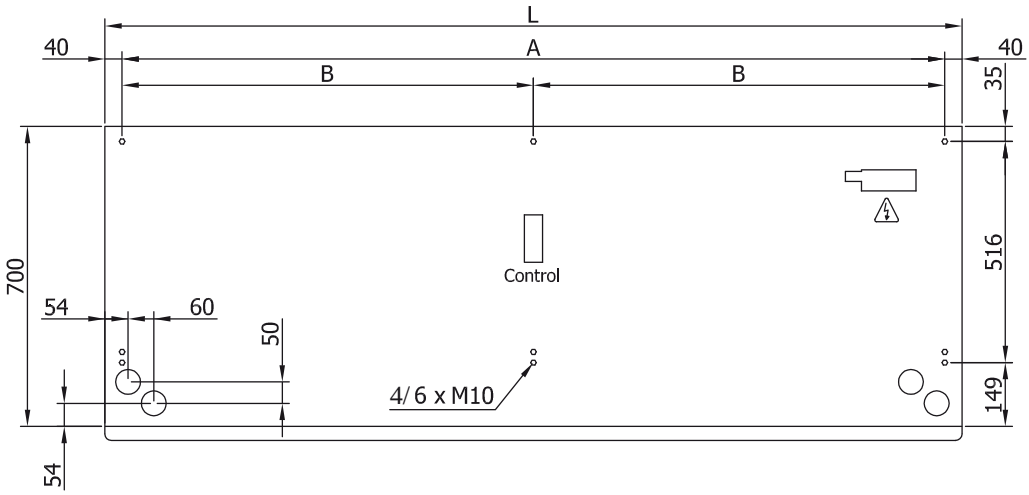
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	Outdoor Unit 230Vx1	Outdoor Unit 400Vx3	Heat pump connections
L 1000 DX17-LG	3525	4-5	UUD1 U30 (60)	UUD3 U30 (60)	5/8" - 3/8"
L 1500 DX27-LG	5300	4-5	-	UU70W U34	7/8" - 1/2"
L 2000 DX34-LG	7050	4-5	2x UUD1 U30 (60) + UUD1 U30 (60)	2x UUD3 U30 (60) + UUD3 U30 (60)	5/8" - 3/8"
L 2500 DX43-LG	8800	4-5	-	2x UU85W U74	1" - 3/8"
L 3000 DX49-LG	10600	4-5	-	2x UU85W U74	7/8" - 1/2" // 1" - 3/8"
XL 1000 DX22-LG	4550	5-7	-	UU85W U74	1" - 3/8"
XL 1500 DX34-LG	6850	5-7	2x UUD1 U30 (60) + UUD1 U30 (60)	2x UUD3 U30 (60) + UUD3 U30 (60)	5/8" - 3/8"
XL 2000 DX45-LG	9100	5-7	-	2x UU70W U34	1" - 3/8"
XL 2500 DX52-LG	11400	5-7	-	2x UU70W U34 + UU85W U74	7/8" - 1/2"
XL 3000 DX54-LG	13600	5-7	-	2x UU85W U74 + UU85W U74	7/8" - 1/2"

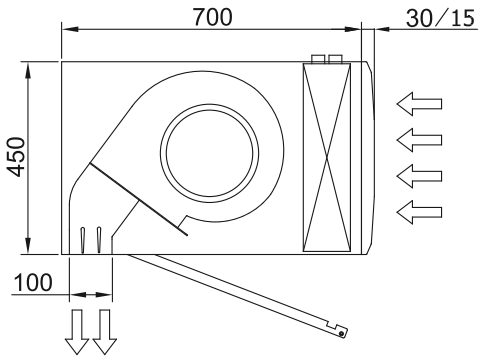
Heat Pump - VRF

Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	Heat pump connections
L 1000 VRF19-LG	3525	4-5	1" - 3/8"
L 1500 VRF29-LG	5300	4-5	7/8" - 1/2"

Heat Pump - VRF			
Model	**Nominal Airflow** (m³/h)	**Recommended Installation Range** (m)	**Heat pump connections**
L 2000 VRF34-LG	7050	4-5	7/8" - 1/2"
L 2500 VRF43-LG	8800	4-5	7/8" - 1/2"
L 3000 VRF62-LG	10600	4-5	7/8" - 1/2"
XL 1000 VRF26-LG	4550	5-7	7/8" - 1/2"
XL 1500 VRF34-LG	6850	5-7	7/8" - 1/2"
XL 2000 VRF47-LG	9100	5-7	7/8" - 1/2"
XL 2500 VRF61-LG	11400	5-7	7/8" - 1/2"
XL 3000 VRF58-LG	13600	5-7	7/8" - 1/2"

Dimensions





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