



Characteristics



- Energy saving heat pump air curtain: Up to 70% reduction in costs and CO2 emissions (heating mode).
- Specially designed to be installed in all type of revolving doors. Two possible layouts, tailored dimensions.
- 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.
- Large faceted inlet grille avoiding intensive maintenance.
- Circular anodized aluminium outlet vanes, airfoil shaped.
- Low noise double-inlet centrifugal fans with external rotor motor. 5-speed controller. EC models assembled with very low consumption efficiency fans.
- Includes only heating direct expansion coil with installed temperature sensors.
- Plug&Play control panel CS-5DX-NE slave DX with 5 speeds selector and 7m telephone cable included.
- 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
ROTO ECG 1000 DX10-LG	2190	3-4,2	UUD1 U30 (36)	UUD3 U30 (36)	5/8" - 3/8"
ROTO ECG 1500 DX15-LG	2920	3-4,2	UUD1 U30 (48)	UUD3 U30 (48)	5/8" - 3/8"
ROTO ECG 2000 DX22-LG	4380	3-4,2	-	UU70W U34	1" - 3/8"
ROTO ECG 2500 DX27-LG	5110	3-4,2	-	UU85W U74	7/8" - 1/2"
ROTO ECG 2500 DX22-LG	5110	3-4,2	-	UU70W U34	1" - 3/8"

Heat Pump - VRF			
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	Heat pump connections
ROTO ECG 1000 VRF10-LG	2190	3-4,2	5/8" - 3/8"
ROTO ECG 1500 VRF15-LG	2920	3-4,2	5/8" - 3/8"
ROTO ECG 2000 VRF24-LG	4380	3-4,2	1" - 3/8"
ROTO ECG 2000 VRF20-LG	4380	3-4,2	1
ROTO ECG 2500 VRF25-LG	5110	3-4,2	7/8" - 1/2"
ROTO ECG 2500 VRF29-LG	5110	3-4,2	7/8" - 1/2"

60Hz

Heat Pump - DX 1:1



Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	Outdoor Unit 230Vx1	Outdoor Unit 400Vx3	Heat pump connections
ROTO ECG 1000 DX10-LG	2190	3-4,2	UUD1 U30 (36)	UUD3 U30 (36)	5/8" - 3/8"
ROTO ECG 1500 DX15-LG	2920	3-4,2	UUD1 U30 (48)	UUD3 U30 (48)	5/8" - 3/8"
ROTO ECG 2000 DX22-LG	4380	3-4,2	-	UU70W U34	1" - 3/8"
ROTO ECG 2500 DX27-LG	5110	3-4,2	-	UU85W U74	7/8" - 1/2"
ROTO ECG 2500 DX22-LG	5110	3-4,2	-	UU70W U34	1" - 3/8"

Heat Pump - VRF					
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)		Heat pump connections	
ROTO ECG 1000 VRF10-LG	2190	3-4,2		5/8" - 3/8"	
ROTO ECG 1500 VRF15-LG	2920	3-4,2		5/8" - 3/8"	
ROTO ECG 2000 VRF24-LG	4380	3-4,2		1" - 3/8"	
ROTO ECG 2000 VRF20-LG	4380	3-4,2		1	
ROTO ECG 2500 VRF25-LG	5110	3-4,2		7/8" - 1/2"	
ROTO ECG 2500 VRF29-LG	5110	3-4,2		7/8" - 1/2"	

Dimensions

