

Characteristics



- Energy saving heat pump air curtain: Up to 70% reduction in costs and CO2 emissions (heating mode).
- Stylish, discreet and contemporary design adaptive to any interior architecture.
- Smooth front panel can be customized with logotypes, lighting, lettering or safety and informative signals, according to the client requirements.
- Self-supporting steel rounded casing with edgeless plastic side covers, finished in structural epoxy-polyester painting white colour RAL9016 as standard. Other colours are available on request.
- Hidden top air entrance, avoiding the inside view of the unit and the inlet grille.
- Anodized aluminium outlet vanes, airfoil shaped, adjustable in both directions.
- 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. 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 7m telephone cable included.
- DX 1:1:
Ready to connect to PANASONIC Inverter outdoor heat pump unit (R32) with expansion valve, not included, the customer should purchase it.
Requires PANASONIC DX Interface KIT adapted for air curtain and programmable control, please consult.
- DX VRF:
Ready to connect to PANASONIC VRF outdoor heat pump unit (R410A), not included, the customer should purchase it.
Requires PANASONIC 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)
SMART ECM 1500 DX11-PA	2460	U-100PZH3E5	U-100PZH3E8	2,5-3,8
SMART ECM 1500 DX13-PA	2460	U-125PZH3E5	U-125PZH3E8	2,5-3,8
SMART ECM 2000 DX16-PA	3280	U-140PZH3E5	U-140PZH3E8	2,5-3,8
SMART ECM 2500 DX22-PA	4100	-	U-200PZH3E8	2,5-3,8
SMART ECM 3000 DX28-PA	4920	-	U-250PZH3E8	2,5-3,8
SMART ECG 1000 DX10-PA	2190	U-100PZH3E5	U-100PZH3E8	3-4,2
SMART ECG 1500 DX14S-PA	2920	U-125PZH3E5	U-125PZH3E8	3-4,2
SMART ECG 1500 DX14E-PA	2920	U-140PZ3E5	U-140PZ3E8	3-4,2
SMART ECG 2000 DX22-PA	4380	-	U-200PZH3E8	3-4,2
SMART ECG 2500 DX28-PA	5110	-	U-250PZH3E8	3-4,2
SMART ECG 3000 DX28-PA	5840	-	U-250PZH3E8	3-4,2
Heat Pump - VRF				



Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)
SMART ECM 1500 VRF12-PA	2460	2,5-3,8
SMART ECM 2000 VRF16-PA	3280	2,5-3,8
SMART ECM 2000 VRF19-PA	3280	2,5-3,8
SMART ECM 2500 VRF21-PA	4100	2,5-3,8
SMART ECM 2500 VRF24-PA	4100	2,5-3,8
SMART ECM 3000 VRF26-PA	4920	2,5-3,8
SMART ECG 1000 VRF10-PA	2190	3-4,2
SMART ECG 1500 VRF13-PA	2920	3-4,2
SMART ECG 1500 VRF15-PA	2920	3-4,2
SMART ECG 2000 VRF20-PA	4380	3-4,2
SMART ECG 2000 VRF24-PA	4380	3-4,2
SMART ECG 2500 VRF25-PA	5110	3-4,2
SMART ECG 2500 VRF29-PA	5110	3-4,2
SMART ECG 3000 VRF29-PA	5840	3-4,2

60Hz

Heat Pump - DX 1:1				
Model	Nominal Airflow (m³/h)	Outdoor Unit 230Vx1	Outdoor Unit 400Vx3	Recommended Installation Range (m)
SMART ECM 1500 DX11-PA	2460	U-100PZH3E5	U-100PZH3E8	2,5-3,8
SMART ECM 1500 DX13-PA	2460	U-125PZH3E5	U-125PZH3E8	2,5-3,8
SMART ECM 2000 DX16-PA	3280	U-140PZH3E5	U-140PZH3E8	2,5-3,8
SMART ECM 2500 DX22-PA	4100	-	U-200PZH3E8	2,5-3,8
SMART ECM 3000 DX28-PA	4920	-	U-250PZH3E8	2,5-3,8
SMART ECG 1000 DX10-PA	2190	U-100PZH3E5	U-100PZH3E8	3-4,2
SMART ECG 1500 DX14S-PA	2920	U-125PZH3E5	U-125PZH3E8	3-4,2
SMART ECG 1500 DX14E-PA	2920	U-140PZ3E5	U-140PZ3E8	3-4,2
SMART ECG 2000 DX22-PA	4380	-	U-200PZH3E8	3-4,2
SMART ECG 2500 DX28-PA	5110	-	U-250PZH3E8	3-4,2
SMART ECG 3000 DX28-PA	5840	-	U-250PZH3E8	3-4,2

Heat Pump - VRF



Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)
SMART ECM 1500 VRF12-PA	2460	2,5-3,8
SMART ECM 2000 VRF16-PA	3280	2,5-3,8
SMART ECM 2000 VRF19-PA	3280	2,5-3,8
SMART ECM 2500 VRF21-PA	4100	2,5-3,8
SMART ECM 2500 VRF24-PA	4100	2,5-3,8
SMART ECM 3000 VRF26-PA	4920	2,5-3,8
SMART ECG 1000 VRF10-PA	2190	3-4,2
SMART ECG 1500 VRF13-PA	2920	3-4,2
SMART ECG 1500 VRF15-PA	2920	3-4,2
SMART ECG 2000 VRF20-PA	4380	3-4,2
SMART ECG 2000 VRF24-PA	4380	3-4,2
SMART ECG 2500 VRF25-PA	5110	3-4,2
SMART ECG 2500 VRF29-PA	5110	3-4,2
SMART ECG 3000 VRF29-PA	5840	3-4,2

Dimensions

