

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.
- Micro-perforated inlet grille with filter functions and easy service. 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. 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.
- Advanced Plug&Play control. Includes: Advanced PRO control with integrated LCD screen, door contact, 7m RJ11 cable and remote control. With integrated functions: door delay (configurable); operation, alarm and maintenance warning signals; and multiple digital inputs that modify the curtain's operation.
- Includes protective varnish for the electronic board and control.
- DX 1:1:
Ready to connect to DAIKIN Inverter outdoor heat pump unit (R32) and expansion valve, not included, the customer should purchase it.
Requires DAIKIN DX Interface KIT adapted for air curtain and programmable control, please consult.
- DX VRV:
Ready to connect to DAIKIN VRV outdoor heat pump unit (R410A) and expansion valve, not included, the customer should purchase it.
Requires DAIKIN VRV 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	
DAM ECM 1500 DX12-DA	2460	2,5-3,8	ERA 100 AV	-	5/8" - 3/8"
DAM ECM 2000 DX16-DA	3280	2,5-3,8	ERA 140 AV	ERA 140 AY	5/8" - 3/8"
DAM ECM 2500 DX21-DA	4100	2,5-3,8	-	-	3/4" - 3/8"
DAM ECM 2500 DX24-DA	4100	2,5-3,8	-	ERA 250 AYF	3/4" - 3/8"
DAM ECM 3000 DX26-DA	4920	2,5-3,8	-	ERA 250 AYF	3/4" - 3/8"
DAM ECG 1000 DX10-DA	2190	3-4,2	ERA 100 AV	ERA 100 AY	5/8" - 3/8"
DAM ECG 1500 DX13-DA	2920	3-4,2	ERA 125 AV	ERA 125 AY	5/8" - 3/8"
DAM ECG 1500 DX15-DA	2920	3-4,2	ERA 140 AV	ERA 140 AY	5/8" - 3/8"
DAM ECG 2000 DX22-DA	4380	3-4,2	-	ERA 200 AYF	3/4" - 3/8"
DAM ECG 2500 DX25-DA	5110	3-4,2	-	ERA 250 AYF	3/4" - 3/8"
DAM ECG 2500 DX29-DA	5110	3-4,2	-	ERA 300 AYF	7/8" - 1/2"
DAM ECG 3000 DX34-DA	5840	3-4,2	-	ERA 300 AYF	7/8" - 1/2"

Heat Pump - VRV			
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	
DAM ECM 1000 VRV8-DA	1640	2,5-3,8	5/8" - 3/8"
DAM ECM 1500 VRV12-DA	2460	2,5-3,8	5/8" - 3/8"
DAM ECM 2000 VRV16-DA	3280	2,5-3,8	5/8" - 3/8"
DAM ECM 2000 VRV19-DA	3280	2,5-3,8	3/4" - 3/8"



Heat Pump - VRV			
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	
DAM ECM 2500 VRV21-DA	4100	2,5-3,8	3/4" - 3/8"
DAM ECM 2500 VRV24-DA	4100	2,5-3,8	3/4" - 3/8"
DAM ECM 3000 VRV26-DA	4920	2,5-3,8	3/4" - 3/8"
DAM ECM 3000 VRV30-DA	4920	2,5-3,8	7/8" - 3/8"
DAM ECG 1000 VRV10-DA	2190	3-4,2	5/8" - 3/8"
DAM ECG 1500 VRV13-DA	2920	3-4,2	5/8" - 3/8"
DAM ECG 1500 VRV15-DA	2920	3-4,2	5/8" - 3/8"
DAM ECG 2000 VRV20-DA	4380	3-4,2	3/4" - 3/8"
DAM ECG 2000 VRV24-DA	4380	3-4,2	3/4" - 3/8"
DAM ECG 2500 VRV25-DA	5110	3-4,2	3/4" - 3/8"
DAM ECG 2500 VRV29-DA	5110	3-4,2	7/8" - 3/8"
DAM ECG 3000 VRV29-DA	5840	3-4,2	7/8" - 3/8"
DAM ECG 3000 VRV34-DA	5840	3-4,2	7/8" - 3/8"

60Hz

Heat Pump - DX 1:1					
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	Outdoor Unit 230Vx1	Outdoor Unit 400Vx3	
DAM ECM 1500 DX12-DA	2460	2,5-3,8	ERA 100 AV	-	5/8" - 3/8"
DAM ECM 2000 DX16-DA	3280	2,5-3,8	ERA 140 AV	ERA 140 AY	5/8" - 3/8"
DAM ECM 2500 DX21-DA	4100	2,5-3,8	-	-	3/4" - 3/8"
DAM ECM 2500 DX24-DA	4100	2,5-3,8	-	ERA 250 AYF	3/4" - 3/8"
DAM ECM 3000 DX26-DA	4920	2,5-3,8	-	ERA 250 AYF	3/4" - 3/8"
DAM ECG 1000 DX10-DA	2190	3-4,2	ERA 100 AV	ERA 100 AY	5/8" - 3/8"
DAM ECG 1500 DX13-DA	2920	3-4,2	ERA 125 AV	ERA 125 AY	5/8" - 3/8"
DAM ECG 1500 DX15-DA	2920	3-4,2	ERA 140 AV	ERA 140 AY	5/8" - 3/8"
DAM ECG 2000 DX22-DA	4380	3-4,2	-	ERA 200 AYF	3/4" - 3/8"
DAM ECG 2500 DX25-DA	5110	3-4,2	-	ERA 250 AYF	3/4" - 3/8"
DAM ECG 2500 DX29-DA	5110	3-4,2	-	ERA 300 AYF	7/8" - 1/2"
DAM ECG 3000 DX34-DA	5840	3-4,2	-	ERA 300 AYF	7/8" - 1/2"

Heat Pump - VRV			
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	
DAM ECM 1000 VRV8-DA	1640	2,5-3,8	5/8" - 3/8"
DAM ECM 1500 VRV12-DA	2460	2,5-3,8	5/8" - 3/8"
DAM ECM 2000 VRV16-DA	3280	2,5-3,8	5/8" - 3/8"
DAM ECM 2000 VRV19-DA	3280	2,5-3,8	3/4" - 3/8"
DAM ECM 2500 VRV21-DA	4100	2,5-3,8	3/4" - 3/8"
DAM ECM 2500 VRV24-DA	4100	2,5-3,8	3/4" - 3/8"
DAM ECM 3000 VRV26-DA	4920	2,5-3,8	3/4" - 3/8"
DAM ECM 3000 VRV30-DA	4920	2,5-3,8	7/8" - 3/8"
DAM ECG 1000 VRV10-DA	2190	3-4,2	5/8" - 3/8"
DAM ECG 1500 VRV13-DA	2920	3-4,2	5/8" - 3/8"
DAM ECG 1500 VRV15-DA	2920	3-4,2	5/8" - 3/8"
DAM ECG 2000 VRV20-DA	4380	3-4,2	3/4" - 3/8"
DAM ECG 2000 VRV24-DA	4380	3-4,2	3/4" - 3/8"
DAM ECG 2500 VRV25-DA	5110	3-4,2	3/4" - 3/8"

