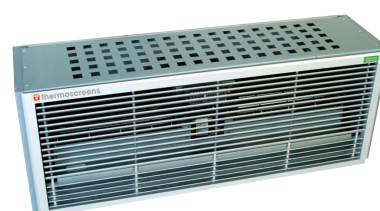
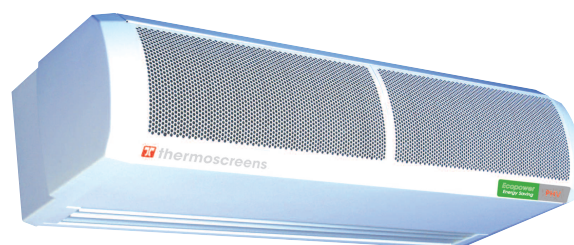


VRF PHV DXE Heat Pump Air Curtain

Air Curtain System

In collaboration with Thermoscreens, Mitsubishi Electric have developed a range of air curtains that are able to be connected to our City Multi VRF systems, as opposed to the more traditional direct electric method associated with air curtains.

- Reduced CO2 emissions
- Reduced Running Costs
- Inverter technology (does not waste energy)
- Range of different sizes to suit every application
- Allows open door policy in retail outlets whilst being energy efficient
- Clean environment - protection from dust, fumes etc
- Comfortable climate for customers
- Easy to install and maintain
- Heat recovery possible, optimising energy use



thermoscreens®

Technical Information

VRF PHV DXE - RECESSED

MODEL REFERENCE	VRF PHV1000R DXE HO	VRF PHV1500R DXE LO	VRF PHV1500R DXE HO	VRF PHV2000R DXE LO	VRF PHV2000R DXE HO
DIMENSIONS (mm) (WxDxH)	1150x436x296	1650x436x296	1650x436x296	2240x436x296	2240x436x296
SUPPLY (50Hz)	415V ^{*1}	415V ^{*1}	415V ^{*1}	415V ^{*2}	415V ^{*2}
HEAT OUTPUT (kW)	9	10.6	15.1	16.4	21.4
LOADING (amps)	7.8 ^{*1}	12.7 ^{*1}	12.7 ^{*1}	15.7 ^{*2}	15.7 ^{*2}
VELOCITY (m/s)	9	9	9	9.5	9
AIR VOLUME (m³/h)	1400	2500	2600	3300	3130
WEIGHT (kg)	45	66	67	85	88
NOISE dB(A) @ 3m	56	58	58	59	59
MAX. MOUNTING HEIGHT (m)	3.5	3.5	3.5	3.5	3.5
OUTDOOR UNIT MODEL	PUMY / PUHY / PURY / PQHY / PQRY	PUMY / PUHY / PURY / PQHY / PQRY	PUMY / PUHY / PURY / PQHY / PQRY	PUMY / PUHY / PURY / PQHY / PQRY	PUHY / PURY / PQHY / PQRY

Notes: *1 for units with electric heaters disabled, 240v power supply 1.8 amp load (1.3 amp load for VRF PHV1000R DXE HO) *2 for units with electric heaters disabled, 240v power supply 2.7 amp load.

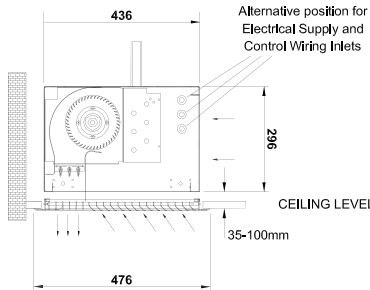
VRF PHV DXE - FREE STANDING

MODEL REFERENCE	VRF PHV1000 DXE HO	VRF PHV1500 DXE LO	VRF PHV1500 DXE HO	VRF PHV2000 DXE LO	VRF PHV2000 DXE HO
DIMENSIONS (mm) (WxDxH)	1196x377x255	1746x377x255	1746x377x255	2296x377x255	2296x377x255
SUPPLY (50Hz)	415V ^{*1}	415V ^{*1}	415V ^{*1}	415V ^{*2}	415V ^{*2}
HEAT OUTPUT (kW)	9	10.6	15.1	16.4	21.4
LOADING (amps)	7.8 ^{*1}	12.7 ^{*1}	12.7 ^{*1}	15.7 ^{*2}	15.7 ^{*2}
VELOCITY (m/s)	9	9	9	9.5	9
AIR VOLUME (m³/h)	1400	2500	2600	3300	3130
WEIGHT (kg)	39	59	60	78	80
NOISE dB(A) @ 3m	56	58	58	59	59
MAX. MOUNTING HEIGHT (m)	3.75	3.75	3.75	3.75	3.75
OUTDOOR UNIT MODEL	PUMY / PUHY / PURY / PQHY / PQRY	PUMY / PUHY / PURY / PQHY / PQRY	PUMY / PUHY / PURY / PQHY / PQRY	PUMY / PUHY / PURY / PQHY / PQRY	PUHY / PURY / PQHY / PQRY

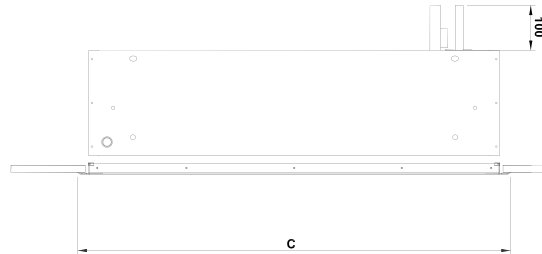
Notes: *1 for units with electric heaters disabled, 240v power supply 1.8 amp load (1.3 amp load for VRF PHV1000 DXE HO) *2 for units with electric heaters disabled, 240v power supply 2.7 amp load.

AIR CURTAIN VRF PHV I000/I500/2000R DXE

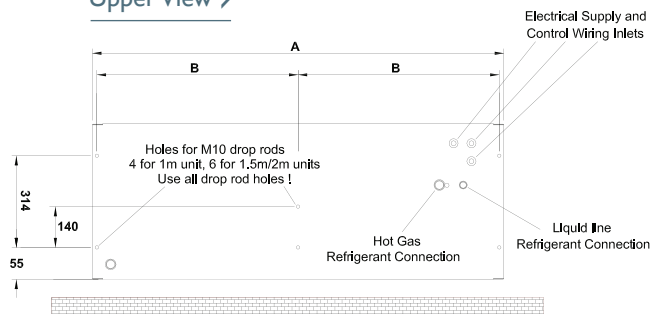
Side View >



Rear View >



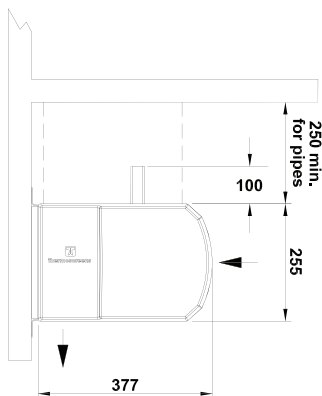
Upper View >



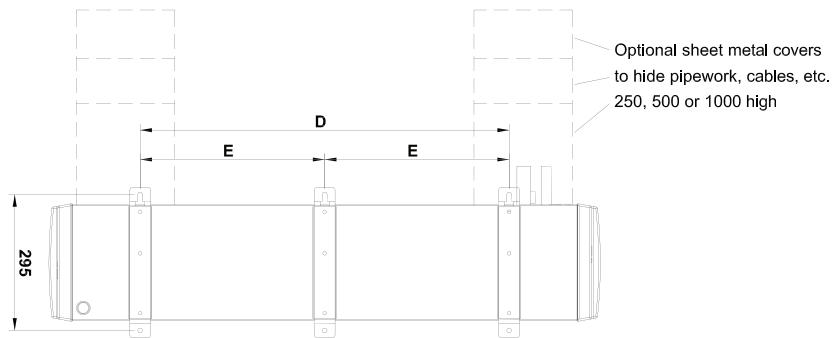
	PHV1000R DXE	PHV1500R DXE	PHV2000R DXE
A(mm)	1150	1650	2240
B(mm)	N/A	800	1095
C(mm)	1190	1690	2290
Cut-Out in Ceiling			
Length(mm)	1155	1655	2245
Width(mm)	445	445	445

AIR CURTAIN VRF PHV I000/I500/2000 DXE

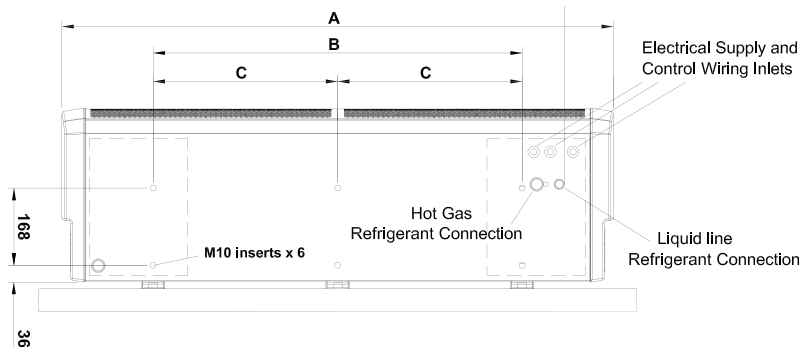
Side View >



Rear View >



Upper View >



	PHV1000DX	PHV1500DX	PHV2000DX
A (mm)	1196	1746	2296
B (mm)	800	1400	1896
C (mm)	N/A	700	948
D (mm)	800	1300	1824
E (mm)	N/A	650	912