

Designer PHV Range Vertical Mounting Ambient and Electric Models



thermoscreens®

The Designer PHV Range surface mounted air curtains are designed for applications with nice architectural design features in the building. Finished in polished stainless steel these air curtains are ideal for locations such as Banks, Hotels, Shopping Centres, Theatres and large High Street Shops with door width of 2.5m.

TECHNICAL SPECIFICATIONS

- 20 options available in Electric, LPHW or Ambient
- Electric & LPHW models supplied with EcoPower Energy Saving Controller
- Ambient models include switch controller
- Integrated/remote Thermostat
- Energy Efficient
- BMS compatible
- 3 – way Valve (water units)
- Fitted with Tangential Fans
- Optional filters available for LPHW or Ambient models only
- Also available in Horizontal mounting
- Powerful Heat output
- Maximum effective width 2.5m
- Polished Stainless Steel
- Brushed Stainless Steel available on request



Barack Obama Plaza, Co. Offaly



TECHNICAL DETAILS

DESIGNER PHV RANGE VERTICAL

Models	Dimensions (mm) L x D x H		Supply (50Hz)	Heat Output (kW)	Loading (A) *per phase	Max. Velocity (m/s)	Max. Air Volume (m ³ /h)	Weight (kg)	dB(A) @ 3m
Ambient									
PHV D1000A V	1260 x 500 x 350		230V~1P&N	-	1.5	11	2050	54	59
PHV D1500A V	1722 x 500 x 350		230V~1P&N	-	2	11	3645	67	60
PHV D2000A V	2355 x 500 x 350		230V~1P&N	-	2.9	11	4145	93	61
PHV D2500A V (Stacked Unit)	2972 x 500 x 350	Top Air Curtain Bottom Air Curtain	230V~1P&N	-	1.5 2	11	2050 3645	121	62
PHV D3000A V (Stacked Unit)	3619 x 500 x 350	Top Air Curtain Bottom Air Curtain	230V~1P&N	-	1.5 2.9	11	2050 4145	147	63
Electric									
PHV D1000E V	1260 x 500 x 350		400V~3P&N	6.0/12.0	*18.7	10.5	1870	57	59
PHV D1500E V	1722 x 500 x 350		400V~3P&N	9.0/18.0	*27.9	10.5	3325	71	60
PHV D2000E V	2355 x 500 x 350		400V~3P&N	12.0/24.0	*37.5	10.5	3780	99	61
PHV D2500E V (Stacked Unit)	2972 x 500 x 350	Top Air Curtain Bottom Air Curtain	400V~3P&N	6.0/12.0 9.0/18.0	*18.7 *27.9	10.5	1870 3325	128	62
PHV D3000E V (Stacked Unit)	3619 x 500 x 350	Top Air Curtain Bottom Air Curtain	400V~3P&N	6.0/12.0 12.0/24.0	*18.7 *37.5	10.5	1870 3780	168	63

Noise levels are given as a guide only. Variations from this can arise depending on the size of the room the unit is installed in, its acoustic characteristics and the position of the listener.

Designer PHV Range Vertical Mounting LPHW Models

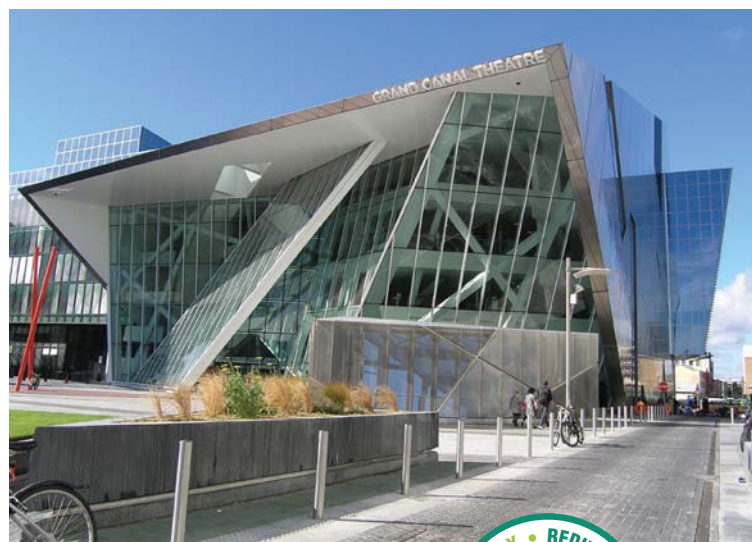


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- 20 options available in Electric, LPHW or Ambient
- Electric & LPHW models supplied with Ecopower Energy Saving Controller
- Ambient models include switch controller
- Integrated/remote Thermostat
- Energy Efficient
- BMS compatible
- 3 – way Valve (water units)
- Fitted with Tangential Fans
- Optional filters available for LPHW or Ambient models only
- Also available in Horizontal mounting
- Powerful Heat output
- Maximum effective width 2.5m
- Polished Stainless Steel
- Brushed Stainless Steel available on request



Grand Canal Theatre, Dublin



TECHNICAL DETAILS

DESIGNER PHV RANGE VERTICAL

Models	Dimensions (mm) L x D x H		Supply (50Hz)	Heat Output (kW)	Loading (A) *per phase	Max. Velocity (m/s)	Max. Air Volume (m ³ /h)	Weight (kg)	dB(A) @3m
LPHW 82/71									
PHVD1000W V	1260 x 500 x 350		230V~1P&N	12	1.3	9.5	1710	61	59
PHVD1500W V	1722 x 500 x 350		230V~1P&N	18	1.8	9.5	3040	82	60
PHVD2000W V	2355 x 500 x 350		230V~1P&N	24	2.7	9.5	3455	107	61
PHVD2500W V (Stacked Unit)	2972 x 500 x 350	Top Air Curtain Bottom Air Curtain	230V~1P&N	12 18	1.3 1.8	9.5	1710 3040	143	62
PHVD3000W V (StackedUnit)	3619 x 500 x 350	Top Air Curtain Bottom Air Curtain	230V~1P&N	12 24	1.3 2.7	9.5	1710 3455	168	63
LPHW 60/40									
PHVD1000W V 60/40	1260 x 500 x 350		230V~1P&N	12	1.3	9.0	1540	61	59
PHVD1500W V 60/40	1722 x 500 x 350		230V~1P&N	18	1.8	9.0	2735	82	60
PHVD2000W V 60/40	2355 x 500 x 350		230V~1P&N	24	2.7	9.0	3110	107	61
PHVD2500W V 60/40 (Stacked Unit)	2972 x 500 x 350	Top Air Curtain Bottom Air Curtain	230V~1P&N	12 18	1.3 1.8	9.0	1540 2735	143	62
PHVD3000W V 60/40 (StackedUnit)	3619 x 500 x 350	Top Air Curtain Bottom Air Curtain	230V~1P&N	12 24	1.3 2.7	9.0	1540 3110	168	63

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