

HP DX 2.0 R32 Air Curtain System

Power Inverter Heat Pump

The **HP DX 2.0 Power Inverter** air curtain range is the latest innovation from the collaboration between Mitsubishi Electric and Thermoscreens. These innovative air curtains are available as exposed or recessed versions, giving exceptional flexibility for commercial overdoor applications such as retail stores, office and hotel lobbies.

Key Features & Benefits

- Helps our customers meet their corporate social responsibility targets by using lower GWP R32 refrigerant
- Lower run costs and carbon emissions achieved with connection to flagship Mr Slim Power Inverter high efficiency outdoor units
- Large / double door openings are supported through twin-split air curtain capability

R32



HP DX 2.0 - RECESSED		HP1000R DX 2.0	HP1500R DX 2.0	HP1500R DX 2.0	HP2000R DX 2.0	HP2000R DX 2.0	HP2000R DX 2.0
CAPACITY (kW)	Heating (nominal)	8.3	13.2	13.2	15.7	15.7	21.0
	Cooling (nominal)	7.4	11.8	11.8	14.0	14.0	18.7
AIRFLOW MAX (l/s)		364	575	575	720	720	720
SOUND PRESSURE LEVEL AT 3m (dBA) Lo-Mi-Hi		47-54-57	45-52-56	45-52-56	47-54-57	47-54-57	47-54-57
WEIGHT (kg)		52	75	75	93	93	93
DIMENSIONS (mm) Width x Depth x Height		1250 (1303) x 485 (539) x 348	1750 (1803) x 485 (539) x 348	1750 (1803) x 485 (539) x 348	2340 (2393) x 485 (539) x 348	2340 (2393) x 485 (539) x 348	2340 (2393) x 485 (539) x 348
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single
RUNNING CURRENT (A)		0.8	1.2	1.2	1.4	1.4	1.4
MAINS CABLE No. Cores		3	3	3	3	3	3
UNIFORMITY AT OUTLET (%)*1		90	92	92	90	90	90
MAX MOUNTING HEIGHT (m)		3.2	3.2	3.2	3.2	3.2	3.2

HP DX 2.0 - FREE STANDING		HP1000 DX 2.0	HP1500 DX 2.0	HP1500 DX 2.0	HP2000 DX 2.0	HP2000 DX 2.0	HP2000 DX 2.0
CAPACITY (kW)	Heating (nominal)	8.3	13.2	13.2	15.7	15.7	21.0
	Cooling (nominal)	7.4	11.8	11.8	14.0	14.0	18.7
AIRFLOW MAX (l/s)		364	575	575	720	720	720
SOUND PRESSURE LEVEL AT 3m (dBA) Lo-Mi-Hi		47-54-57	45-52-56	45-52-56	47-54-57	47-54-57	47-54-57
WEIGHT (kg)		46	67	67	84	84	84
DIMENSIONS (mm) Width x Depth x Height		1300 x 468 x 306	1825 x 468 x 306	1825 x 468 x 306	2350 x 468 x 306	2350 x 468 x 306	2350 x 468 x 306
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single
RUNNING CURRENT (A)		0.8	1.2	1.2	1.4	1.4	1.4
MAINS CABLE No. Cores		3	3	3	3	3	3
UNIFORMITY AT OUTLET (%)*1		90	92	92	90	90	90
MAX MOUNTING HEIGHT (m)		3.2	3.2	3.2	3.2	3.2	3.2

HEAT PUMP OUTDOOR UNITS		PUZ-ZM71VHA2	PUZ-ZM125VDA	PUZ-ZM125YDA ^③	PUZ-ZM140VDA	PUZ-ZM140YDA ^③	PUZ-ZM200YKA2 ^③
SOUND PRESSURE LEVEL (dBA) Heating/Cooling	Heating/Cooling	49 / 47	50 / 47	50 / 47	51 / 49	51 / 49	62 / 59
	Cooling	67	66	66	68	68	77
WEIGHT (kg)		67	107	116	107	121	137
DIMENSIONS (mm) Width x Depth x Height		950 x 330 + 25 x 943	1100 x 460 + 45 x 870	1100 x 460 + 45 x 870	1100 x 460 + 45 x 870	1100 x 460 + 45 x 870	1050 x 330 + 40 x 1338
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	380-415v, 50Hz	220-240v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Single	Single	Three	Single	Three	Three
STARTING CURRENT (A)		5.3	11.9	3.5	11.9	3.5	5.0
SYSTEM RUNNING CURRENT (A)		7.79 / 7.06 [19.3]	15.23 / 14.57 [26.5]	5.23 / 5.16 [9.0]	17.72 / 15.24 [30.0]	5.93 / 5.21 [9.0]	9.57 / 8.58 [22.5]
FUSE RATING (BS88) - HRC (A)		25	32	16	40	16	25
INTERCONNECTING CABLE		2 Core	2 Core	2 Core	2 Core	2 Core	2 Core
MAX PIPE LENGTH (m)		55	85	85	85	85	85
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) R32 (GWP 675)		2.80 / 1.89 (30m)	3.60 / 2.43 (40m)	3.60 / 2.43 (40m)	3.60 / 2.43 (40m)	3.60 / 2.43 (40m)	6.3 / 4.25 (30m)
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) R32 (GWP 675)		0.80 / 0.54	2.40 / 1.62	2.40 / 1.62	2.40 / 1.62	2.40 / 1.62	2.20 / 1.49

③ Three Phase Notes: *1 Tested to ISO 27327.

