

PUHY-M-YNW-A1

Y SERIES HEAT PUMP

CITY MULTI
R32

VRF technology provides a simple and flexible solution where there is a demand for a changeover capability between heating and cooling for all indoor units, helping to ensure a constant and comfortable indoor climate.

Key Features:

- Effective, efficient solution meeting all the market needs
- Delivers the highest levels of comfort, both thermally and acoustically
- Lower GWP R32 refrigerant

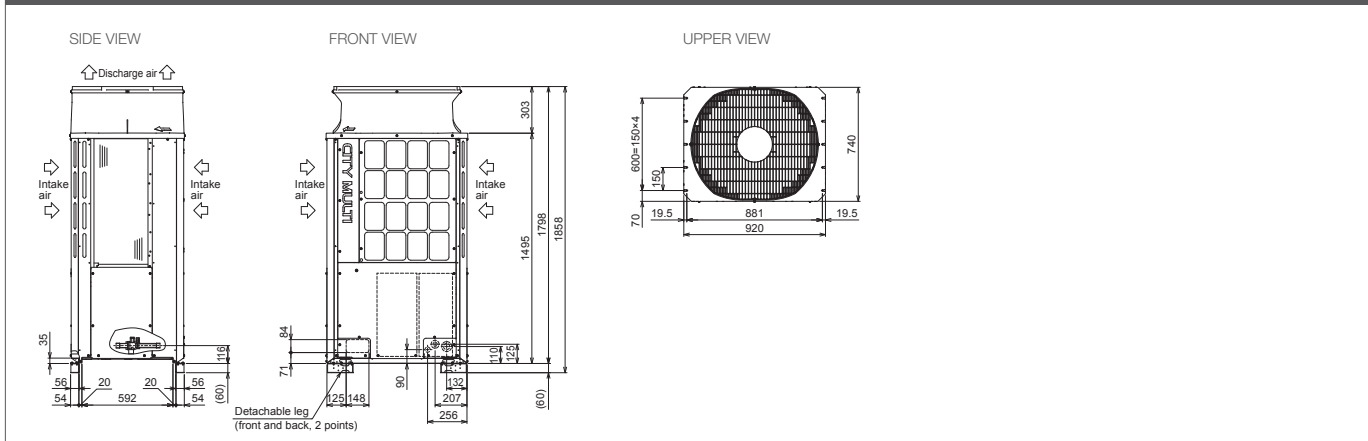




PUHY-M-YNW-A1 OUTDOOR UNITS		PUHY-M200YNW-A1	PUHY-M250YNW-A1	PUHY-M300YNW-A1
CAPACITY (kW)	Heating (nominal)	25.0	31.5	37.5
	Cooling (nominal)	22.4	28.0	33.5
	High Performance Heating (UK)	25.0	31.5	35.6
	COP Priority Heating (UK)	22.8	28.7	34.1
	Cooling (UK)	20.0	25.1	30.0
POWER INPUT (kW)	Heating (nominal)	5.08	7.14	8.33
	Cooling (nominal)	4.72	6.96	8.54
	High Performance Heating (UK)	6.40	9.00	11.08
	COP Priority Heating (UK)	5.08	7.14	8.33
	Cooling (UK)	2.74	4.04	4.05
COP / EER (nominal)		4.92 / 4.74	4.41 / 4.02	4.50 / 3.92
MAX NO. OF CONNECTABLE INDOOR UNITS		8	10	12
MAX CONNECTABLE CAPACITY		50~130% OU Capacity	50~130% OU Capacity	50~130% OU Capacity
AIRFLOW (m ³ /min)	High	170	185	240
PIPE SIZE mm (in)	Gas	22.2 (7/8")	22.2 (7/8")	22.2 (7/8")
	Liquid	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
SOUND PRESSURE LEVEL (dBA) @ 1m	Heating / Cooling	59.0 / 58.0	61.0 / 60.0	64.5 / 61.0
	Heating / Cooling	78.0 / 75.0	80.0 / 78.0	83.5 / 80.0
WEIGHT (kg)		222	222	223
DIMENSIONS (mm)	Width	920	920	920
	Depth	740	740	740
	Height	1858	1858	1858
(1798mm without legs)				
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three
STARTING CURRENT (A)		8	8	8
NOMINAL SYSTEM RUNNING CURRENT (A)	Heating / Cooling [Max]	8.1 / 7.5 [16.1]	11.4 / 11.1 [21.8]	13.3 / 13.6 [25.6]
GUARANTEED OPERATING RANGE (°C)	Heating / Cooling	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52	-20~-15.5 / -5~-52
FUSE RATING (MCB sizes BS EN 60947-2) - (A)		1 x 20	1 x 25	1 x 32
MAINS CABLE No. Cores		4 + earth	4 + earth	4 + earth
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t)	R32 (GWP 675)	6.5 / 4.4	6.5 / 4.4	6.5 / 4.4
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t)	R32 (GWP 675)	18.0 / 12.2	18.5 / 12.5	19.5 / 13.2

Notes: *SEER/SCOP available separately in the 'City Multi VRF Seasonal Efficiency' document. Based on Ecodesign Lot 21/6 to EN14825 standard.

PUHY-M200/250/300YNW-A1 DIMENSIONS



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Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774) or R134a (GWP:1430). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP:1975), R32 (GWP:550), R407C (GWP:1650) or R134a (GWP:1300).

Effective as of November 2019

