

Y Series VRF

Standard Efficiency (22-45kW)

Heat Pump Outdoor Unit (Heating or Cooling)

CITY MULTI

City Multi **Y Series VRF** Heat Pump technology provides a simple and flexible solution where there is demand for one outdoor unit to provide all or selected indoor units with heating or cooling at a given time.

These modular Heat Pump systems provide complete design flexibility for applications such as open-plan offices, call centres and retail spaces.



Key Features & Benefits:

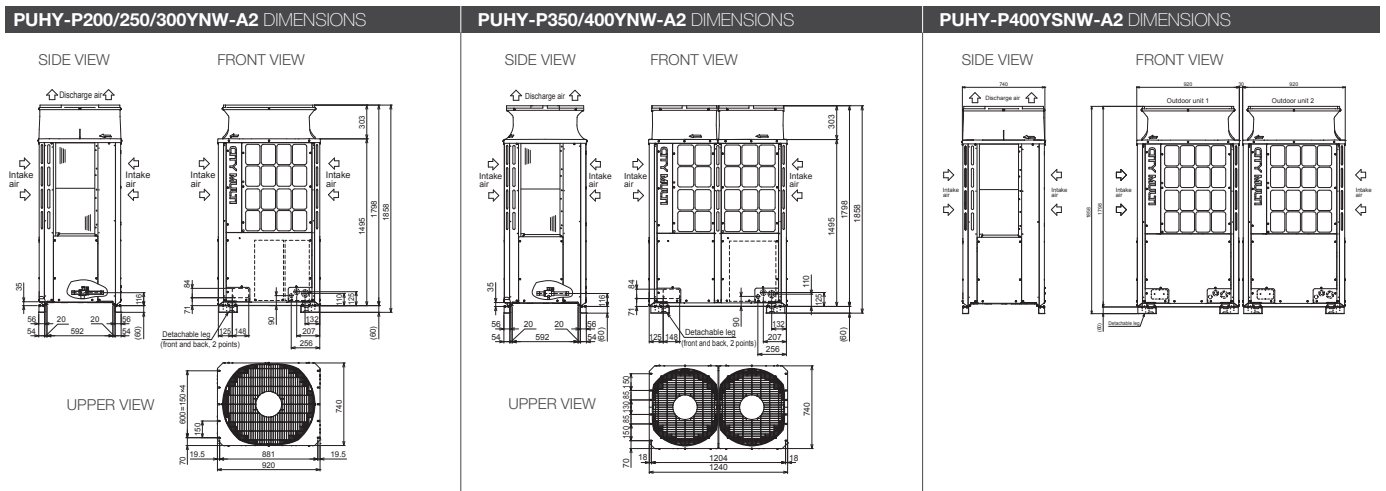
- Energy efficient Heat Pump system
- Delivers high levels of thermal and acoustic comfort
- 2-pipe system for ease of installation and maintenance
- Adjustable noise level options to suit application
- Connectable to a broad choice of indoor unit types and capacities





OUTDOOR UNITS		PUHY-P200YNW-A2	PUHY-P250YNW-A2	PUHY-P300YNW-A2	PUHY-P350YNW-A2	PUHY-P400YNW-A2	PUHY-P400YSNW-A2	
CAPACITY (kW)	Heating (nominal)	25.0	31.5	37.5	45.0	50.0	50.0	
	Cooling (nominal)	22.4	28.0	33.5	40.0	45.0	44.8	
	High Performance Heating (UK)	25.0	31.5	35.6	42.8	45.0	50.0	
	COP Priority Heating (UK)	22.8	28.7	34.1	41.0	43.0	45.5	
	Cooling (UK)	20.0	25.1	30.0	35.8	40.3	40.1	
	POWER INPUT (kW)	Heating (nominal)	6.08	8.49	10.30	12.32	14.20	12.16
	Cooling (nominal)	6.03	9.62	11.31	13.98	17.57	12.47	
	High Performance Heating (UK)	7.66	10.70	13.70	16.39	16.05	15.56	
	COP Priority Heating (UK)	6.08	8.49	10.30	12.32	13.77	12.16	
	Cooling (UK)	3.50	5.58	6.56	8.11	11.24	7.23	
COP / EER (nominal)		4.11 / 3.71	3.71 / 2.91	3.64 / 2.96	3.65 / 2.86	3.52 / 2.56	4.11 / 3.59	
MAX NO. OF CONNECTABLE INDOOR UNITS		20	25	30	35	40	40	
MAX CONNECTABLE CAPACITY		50~130% OU Capacity	50~130% OU Capacity	50~130% OU Capacity	50~130% OU Capacity	50~130% OU Capacity	50~130% OU Capacity	
AIRFLOW (m³/min)		High 170	185	240	270	300	170 / 170	
PIPE SIZE mm (in)		Gas 22.2 (7/8")	22.2 (7/8")	22.2 (7/8")	28.58 (1-1/8")	28.58 (1-1/8")	28.58 (1-1/8")	
		Liquid 9.52 (3/8")	9.52 (3/8")*1	9.52 (3/8")*1	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")	
SOUND PRESSURE LEVEL (dBA)		Heating / Cooling	59.0 / 58.0	61.0 / 60.0	64.5 / 61.0	64.5 / 62.0	62.0 / 61.0	
SOUND POWER LEVEL (dBA)		Heating / Cooling	77.0 / 75.0	80.0 / 78.0	84.0 / 80.0	86.0 / 82.0	80.0 / 78.0	
WEIGHT (kg)		213	213	226	277	277	213 + 213	
DIMENSIONS (mm)		Width 920	920	920	1240	1240	920 + 920	
		Depth 740	740	740	740	740	740	
		Height (1798mm without legs) 1858	1858	1858	1858	1858	1858	
ELECTRICAL SUPPLY*2		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	
PHASE*2		Three	Three	Three	Three	Three	Three	
STARTING CURRENT (A)*2		8	8	8	8	8	8	
NOMINAL SYSTEM RUNNING CURRENT (A)*2		Heating / Cooling [MAX]	9.7 / 9.6 [16.1]	13.6 / 15.4 [17.8]	16.5 / 18.1 [22.7]	19.7 / 22.4 [26.4]	22.7 / 28.1 [31.9]	19.5 / 19.9 [16.1 + 16.1]
GUARANTEED OPERATING RANGE (°C)		Heating / Cooling	-20~-15.5 / -5~-5.2	-20~-15.5 / -5~-5.2	-20~-15.5 / -5~-5.2	-20~-15.5 / -5~-5.2	-20~-15.5 / -5~-5.2	
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*2		1 x 20	1 x 20	1 x 25	1 x 32	1 x 32	1 x 20 / 1 x 20	
MAINS CABLE No. Cores*2		4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth / 4 + earth	
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (T) R410A (GWP 2088)		6.5 / 13.6	6.5 / 13.6	6.5 / 13.6	9.8 / 24.0	9.8 / 20.5	13 / 27.1	
MAX ADDITIONAL REFRIGERANT (KG) / CO ₂ EQUIVALENT (T) R410A (GWP 2088)		15.9 / 33.2	22.9 / 47.8	23.4 / 48.9	24 / 50.1	24.4 / 51.0	32 / 66.8	

Notes: *SEER/SCOP available separately in the 'City Multi VRF Seasonal Efficiency' document. Based on Ecodesign Lot 21/6 to EN14825 standard.
*1 12.7mm(1/2") if P250 furthest length ≥ 90m, P300 furthest length ≥ 40m. *2 A separate power supply is required for each module. Where more than one figure is quoted there are multiple modules.



Telephone: 01707 282880
email: air.conditioning@meuk.mee.com
les.mitsubishielectric.co.uk



@meuk_les
@green_gateway

Mitsubishi Electric Living
Environmental Systems UK

Mitsubishi Electric
Cooling and Heating UK

mitsubishielectricuk_les

Mitsubishi Electric Living
Environmental Systems UK
thehub.mitsubishielectric.co.uk

UNITED KINGDOM Mitsubishi Electric Europe Living Environment Systems Division, Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England. Telephone: 01707 282880 Fax: 01707 278881
IRELAND Mitsubishi Electric Europe, Westgate Business Park, Ballymount, Dublin 24, Ireland. Telephone: (01) 419 8800 Fax: (01) 419 8890 International code: (003531)

Country of origin: United Kingdom - Italy - Turkey - Japan - Thailand - Malaysia. ©Mitsubishi Electric Europe 2022. Mitsubishi and Mitsubishi Electric are trademarks of Mitsubishi Electric Europe B.V. The company reserves the right to make any variation in technical specification to the equipment described, or to withdraw or replace products without prior notification or public announcement. Mitsubishi Electric is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. All goods are supplied subject to the Company's General Conditions of Sale, a copy of which is available on request. Third-party product and brand names may be trademarks or registered trademarks of their respective owners.

Note: Refer to 'Installation Manual' and 'Instruction Book' for further 'Technical Information'. The fuse rating is for guidance only and 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), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). *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 September 2022

