

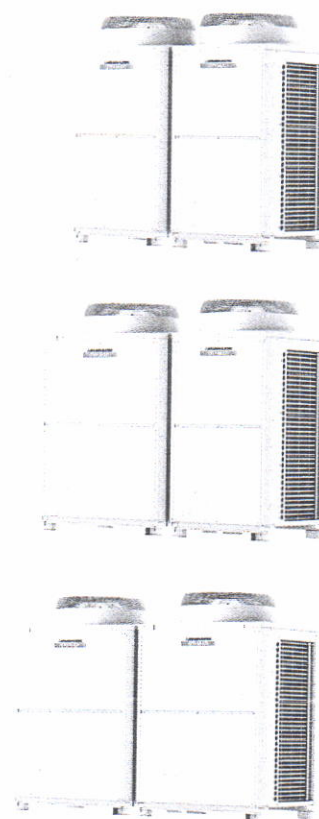
Y Series Standard (20-30hp)

Heat Pump Outdoor Unit

Improved for even higher efficiency

The City Multi Y Series makes use of a two pipe refrigerant circuit throughout, with the choice of either Branch Pipe or Header Pipe feeds to indoor units, with manual changeover from cooling to heating to ensure that a constant indoor climate is maintained.

- Wrap around coil for improved energy efficiency
- Choice of Branch Pipe or Header Pipe feeds to indoor units
- Energy-saving inverter driven outdoor compressor units with very low start currents
- No requirement for plant rooms or bulky service shafts
- Weight and size reduction compared to YGM-A models
- Improved pipe run of 165m, with a total system pipe length of 1000m
- 100% inverter control
- High Sensible Cooling Function - By raising the off coil temperature, a 10% increase in sensible cooling capacity over standard operation is achievable, the result being greater comfort for occupants
- High Performance Heating Mode for low ambient conditions



Technical Information

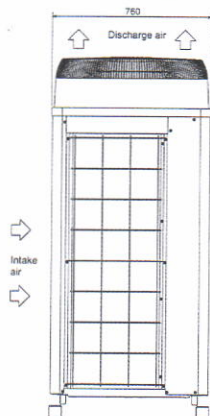
MODEL REFERENCE		PUHY-P500YSJM-A	PUHY-P550YSJM-A	PUHY-P600YSJM-A	PUHY-P650YSJM-A	PUHY-P700YSJM-A	PUHY-P750YSJM-A
CAPACITY (kW)	Heating (nominal)	63.0	69.0	76.5	81.5	88.0	95.0
	Cooling (nominal)	56.0	63.0	69.0	73.0	80.0	85.0
	High Performance Heating (UK)	57.0	62.4	69.2	73.8	88.0	95.0
	COP Priority Heating (UK)	54.8	60.0	66.6	70.9	76.6	82.7
	Cooling (UK)	51.5	58.0	63.5	67.2	73.6	78.2
POWER INPUT (kW)	Heating (nominal)	15.03	16.87	18.88	20.47	22.27	24.67
	Cooling (nominal)	15.38	17.16	18.75	20.39	22.47	24.70
	High Performance Heating (UK)	17.13	19.23	21.52	23.34	28.06	31.08
	COP Priority Heating (UK)	13.68	15.35	17.18	18.63	20.71	22.94
	Cooling (UK)	9.69	10.81	11.81	12.85	14.49	15.93
COP / EER (nominal)		4.19 / 3.64	4.09 / 3.67	4.05 / 3.68	3.98 / 3.58	3.95 / 3.56	3.85 / 3.44
MAX No. OF CONNECTABLE INDOOR UNITS		43	47	50	50	50	50
AIRFLOW (m³/min)		170 / 170	170 / 170	210 / 170	210 / 170	210 / 210	210 / 210
NOISE (dBA)		61	61.5	62	62.5	63	63.5
WEIGHT (kg)		200 + 200	215 + 200	250 + 200	250 + 215	250 + 250	250 + 250
DIMENSIONS (mm)	Width	920 + 920	920 + 920	1220 + 920	1220 + 920	1220 + 1220	1220 + 1220
	Depth	760	760	760	760	760	760
	Height (1650mm without legs)	1710	1710	1710	1710	1710	1710
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		3	3	3	3	3	3
STARTING CURRENT (A)		8 / 8	8 / 8	8 / 8	8 / 8	8 / 8	8 / 8
RUNNING CURRENT (A)	Heating	23.2	26.0	29.1	31.6	34.4	38.1
	Cooling	23.7	26.5	28.9	31.5	34.7	38.1
FUSE RATING (MCB sizes BS EN 60947-2) - (A)		20 / 20	25 / 20	32 / 20	32 / 25	32 / 32	32 / 32
MAINS CABLE No. Cores		4 + earth	4 + earth	4 + earth	4 + earth	4 + earth	4 + earth

PUHY-P500-750YSJM-A Piping Restrictions

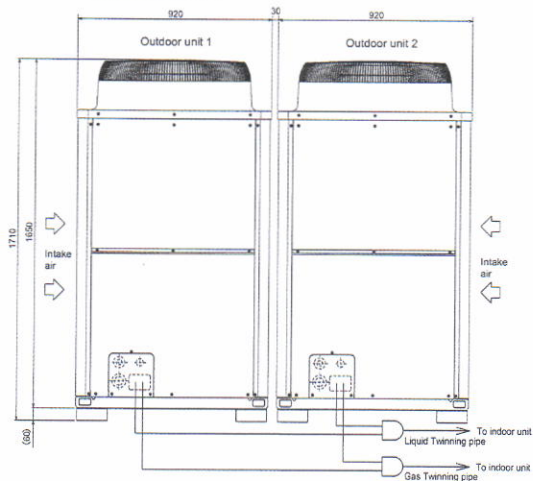
TOTAL PIPING LENGTH	1000m max
FURTHEST PIPING LENGTH	165m max
FURTHEST PIPING LENGTH AFTER 1st BRANCH	40m max
BETWEEN INDOOR AND OUTDOOR UNITS - HEIGHT	50m max (40m max if outdoor installed below)
BETWEEN INDOOR AND INDOOR UNITS - HEIGHT	15m max

* PUHY-P500, 550YSJM-A

Side View >

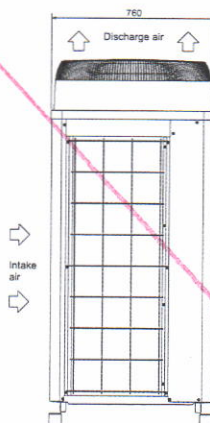


Front View >

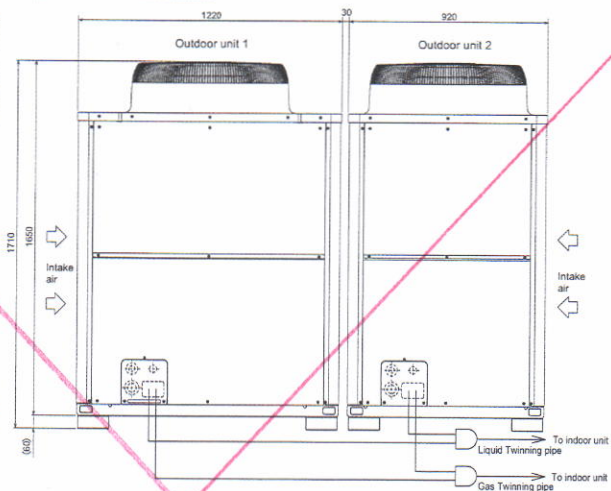


PUHY-P600, 650YSJM-A

Side View >

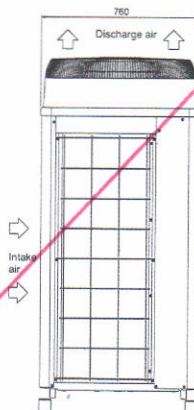


Front View >



PUHY-P700, 750YSJM-A

Side View >



Front View >

