

PURY-EM-YNW-A1

R2 SERIES HIGH EFFICIENCY HEAT RECOVERY

CITY MULTI

R32

Throughout the year, many buildings require cooling in some areas and heating in others - even in adjacent rooms. The outstanding City Multi R2 system meets these requirements by distributing surplus heat from cooling operations (and vice versa) to rooms where it is needed. This efficiency can result in energy savings up to 30% over conventional systems.

Key Features:

- Highest specification, highest efficiency heat recovery system available
- Delivers the highest levels of comfort, both thermally and acoustically
- Flexible design, installation and maintenance
- Lower GWP R32 refrigerant



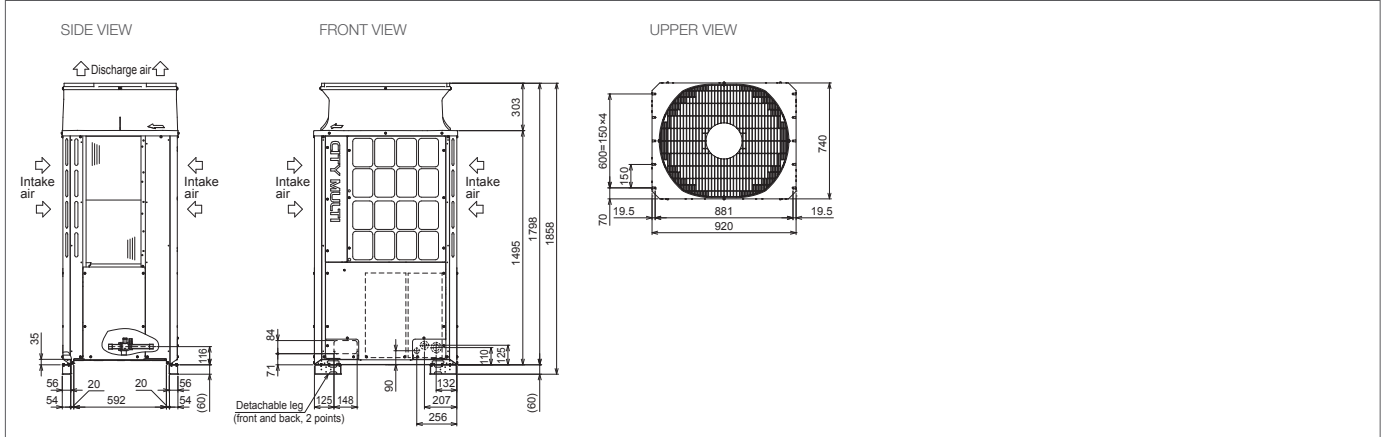


PURY-EM-YNW-A1 OUTDOOR UNITS		PURY-EM200YNW-A1	PURY-EM250YNW-A1	PURY-EM300YNW-A1
CAPACITY (kW)	Heating (nominal)	25.0	31.5	37.5
	Cooling (nominal)	22.4	28.0	33.5
	High Performance Heating (UK)	25.0	31.5	35.6
	COP Priority Heating (UK)	22.8	28.7	34.1
	Cooling (UK)	20.1	25.1	30.0
POWER INPUT (kW)	Heating (nominal)	5.23	7.30	9.37
	Cooling (nominal)	4.43	6.68	7.82
	High Performance Heating (UK)	6.59	9.20	12.46
	COP Priority Heating (UK)	5.23	7.30	9.37
	Cooling (UK)	2.57	3.87	4.54
COP / EER (nominal)		4.78 / 5.05	4.31 / 4.19	4.00 / 4.28
MAX NO. OF CONNECTABLE INDOOR UNITS		9 (8**)	11 (10**)	14 (12**)
MAX CONNECTABLE CAPACITY		50~150% OU Capacity	50~150% OU Capacity	50~150% OU Capacity
AIRFLOW (m ³ /min)	High	170	185	240
	Gas	19.05 (3/4")	22.2 (7/8")	22.2 (7/8")
PIPE SIZE mm (in)	Liquid	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Heating / Cooling	59.0 / 59.0	61.0 / 60.5	67.0 / 61.0
SOUND POWER LEVEL (dBA) @ 100% Capacity	Heating / Cooling	78.0 / 76.0	80.0 / 78.5	86.5 / 80.0
WEIGHT (kg)		231	231	231
	Width	920	920	920
	Depth	740	740	740
DIMENSIONS (mm)	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]	8.3 / 7.1 [16.1]	11.7 / 10.7 [21.8]	15.0 / 12.5 [23.9]
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 25
MAINS CABLE No. Cores		4	4	4
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t)	R32 (GWP 675)	5.2 / 3.5	5.2 / 3.5	5.2 / 3.5
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t)	R32 (GWP 675)	21.3 / 14.4	22.3 / 15.1	22.8 / 15.4

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

**1 If a model PEFY-M 20 or 25 indoor unit is connected.

PURY-EM200/250/300YNW-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).

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