

R2 Series Replace Multi (8-12hp)



Simultaneous Heating and Cooling with Heat Recovery Outdoor Unit

Enables the replacement of VRF systems, whilst utilising existing R22 / R407c pipework.

The latest VRF Replace Multi from Mitsubishi Electric is specifically designed for the maturing refurbishment sector, enabling the reuse of existing R22 / R407c pipework, whilst also allowing the upgrade to some of the most efficient systems available in the market.

Replace Multi will clean the existing pipework during commissioning, removing any deposits and R22 mineral oil that would have ordinarily meant that new pipework would have been called for. The implications of this are significant savings on cost and time, whilst also minimising any potential disruption.

- Tried and tested technology that has been employed for over 5 years
- Efficient use of existing resources - refrigerant piping, control and power wiring and less waste materials
- Increased energy efficiency - up to 105% (size 200) more efficient than an old Mitsubishi Electric R22 system
- Reduced installation costs of up to 55%
- Reduced CO2 emissions and running cost savings of up to 45%
- Reduced installation time with minimised disruption
- Ability to replace many non Mitsubishi Electric systems
- High Performance Heating Mode for low ambient conditions



Technical Information

R2 SERIES REPLACE MULTI OUTDOOR UNITS 8-12hp

MODEL REFERENCE		PURY-RP200YJM-B	PURY-RP250YJM-B	PURY-RP300YJM-B
CAPACITY (kW)	Heating (nominal)	25.0	31.5	37.5
	Cooling (nominal)	22.4	28.0	33.5
	High Performance Heating (UK)	24.0	30.2	36.0
	COP Priority Heating (UK)	21.8	27.4	32.6
	Cooling (UK)	21.1	26.3	31.5
POWER INPUT (kW)	Heating (nominal)	5.50	7.22	8.70
	Cooling (nominal)	4.95	6.82	8.35
	High Performance Heating (UK)	7.26	9.53	11.48
	COP Priority Heating (UK)	5.34	7.00	8.44
	Cooling (UK)	3.61	4.98	6.10
COP / EER (nominal)		4.54 / 4.52	4.36 / 4.10	4.31 / 4.01
MAX No. OF CONNECTABLE INDOOR UNITS		20	25	30
AIRFLOW (m3/min) High		225	225	225
NOISE (dBA)		56	57	59
WEIGHT (kg)		275	290	290
DIMENSIONS (mm)	Width	1220	1220	1220
	Depth	760	760	760
	Height (1650mm without legs)	1710	1710	1710
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		3	3	3
STARTING CURRENT (A)		8	8	8
RUNNING CURRENT (A)	Heating	8.9	11.9	14.6
	Cooling	8.0	11.2	13.6
FUSE RATING (MCB sizes BS EN 60947-2) - (A)		20	20	25
MAINS CABLE No. Cores		4 + earth	4 + earth	4 + earth

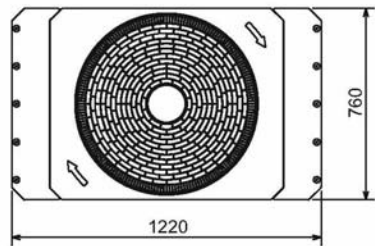
R2 Series Replace Multi Piping Restrictions

TOTAL PIPING LENGTH	220m max	HEIGHT BETWEEN OU AND IU (OU ABOVE IU)	50m max
FURTHEST PIPING LENGTH	100m max	HEIGHT BETWEEN OU AND IU (OU BELOW IU)	40m max
LENGTH BETWEEN OU AND BC	70m max	HEIGHT BETWEEN IU AND BC	15m max
LENGTH BETWEEN FURTHEST IU AND BC	30m max	HEIGHT BETWEEN IU AND IU	15m max
		HEIGHT BETWEEN BC (MAIN OR SUB) AND SUB BC	15m max

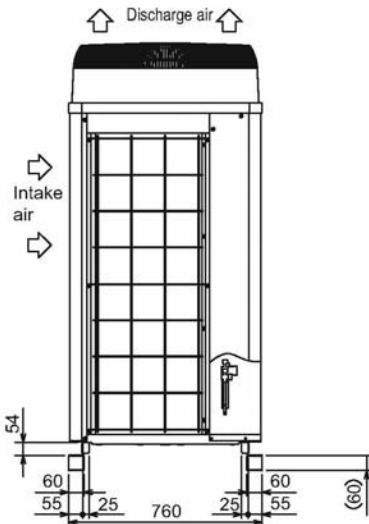
Dimensions

PURY-RP200, 250, 300YJM-B

Upper View >



Side View >



Front View >

