Air Conditioning

Product Information

PUHY-RP850YSJM-B: Replace Multi Y Series

34hp Outdoor

R410A Heat Pump





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.



FEATURES











Cooling Capacity (kW) (nominal) 96 High Performance Heating Capacity (kW) (UK) 103.7 COP Priority Heating Capacity (kW) (UK) 94 Cooling Capacity (kW) (UK) 26.47 Cooling Power Input (kW) (nominal) 27.11 High Performance Heating Power Input (kW) (UK) 34.15 COP Priority Heating Power Input (kW) (UK) 34.15 COP Priority Heating Power Input (kW) (UK) 24.05 COOling Power Input (kW) (UK) 22.77 COP / EER (nominal) 4.08 / 3.54 SCOP / SEER -/5.89 Max No. of Connectable Indoor Units 32 Airflow (m³/min) 185 / 185 / 185 Sound Pressure Level (dBA) 33.5 Sound Power Level (dBA) 33.5 Weight (kg) 255 + 255 Dimensions (mm) Width x Depth x Height 920 + 920 + 920 x 760 x 1710 Electrical Supply 380-415V, 50HZ Phase 35 Starting Current (A) - Heating 43.2 Running Current (A) - Heating 43.2 Running Current (A) - Cooling 44.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 20 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 100 Furthest Piping Length (fm) 500	OUTDOOR	
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COP Priority Heating Capacity (kW) (UK) Cooling Capacity (kW) (UK) Heating Power Input (kW) (nominal) 26.47 Cooling Power Input (kW) (nominal) 27.11 High Performance Heating Power Input (kW) (UK) COP Priority Heating Power Input (kW) (UK) Cooling Power Input (kW) (UK) 22.77 COP / EER (nominal) 4.08 / 3.54 SCOP / SEER - / 5.89 Max No. of Connectable Indoor Units 32 Airflow (m³/min) 185 / 185 / 185 Sound Pressure Level (dBA) Sound Power Level (dBA) Sound Power Level (dBA) Weight (kg) 255 + 255 + 255 Dimensions (mm) Width x Depth x Height 920 + 920 + 920 x 760 x 171 Electrical Supply Phase 32 Starting Current (A) - Heating Running Current (A) - Heating Running Current (A) - Cooling 4.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) Furthest Piping Length (fm) Furthest Piping Length After First Branch (m) Between Indoor and Outdoor units - Height (m) 50 64.47 65.67 67 67 67 67 67 67 67 67 67	Cooling Capacity (kW) (nominal)	96
Cooling Capacity (kW) (UK) Heating Power Input (kW) (nominal) Cooling Power Input (kW) (nominal) 26.47 Cooling Power Input (kW) (nominal) High Performance Heating Power Input (kW) (UK) COP Priority Heating Power Input (kW) (UK) 24.08 COP / EER (nominal) 4.08 / 3.54 SCOP / SEER - / 5.88 Max No. of Connectable Indoor Units 32 Airflow (m³/min) 185 / 185 / 185 Sound Pressure Level (dBA) Sound Power Level (dBA) Sound Power Level (dBA) Weight (kg) 255 + 255 + 255 Dimensions (mm) Width x Depth x Height 920 + 920 + 920 x 760 x 1710 Electrical Supply Phase 33 Starting Current (A) - Heating Running Current (A) - Heating Fuse Rating (MCB sizes BS EN 60947-2) - (A) Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 50 Setween Indoor and Outdoor units - Height (m) 50 Setween Indoor and Outdoor units - Height (m)	High Performance Heating Capacity (kW) (UK)	103.7
Heating Power Input (kW) (nominal) 26.47 Cooling Power Input (kW) (nominal) 27.11 High Performance Heating Power Input (kW) (UK) 34.15 COP Priority Heating Power Input (kW) (UK) 24.05 COOP J EER (nominal) 4.08 / 3.54 SCOP / SEER - / 5.85 Max No. of Connectable Indoor Units 32 Airflow (m³/min) 185 / 185 / 185 / 185 / 185 Sound Pressure Level (dBA) 33.54 Sound Power Level (dBA) 33.54 Sound Power Level (dBA) 33.54 Weight (kg) 255 + 255 + 255 Dimensions (mm) Width x Depth x Height 920 + 920 + 920 x 760 x 1710 Electrical Supply 380-415V, 50H2 Phase 33 Starting Current (A) - Heating 43.2 Running Current (A) - Heating 43.2 Running Current (A) - Cooling 44.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 26 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 100 Furthest Piping Length (fm) 500	COP Priority Heating Capacity (kW) (UK)	94
Cooling Power Input (kW) (nominal) 27.11 High Performance Heating Power Input (kW) (UK) 34.15 COP Priority Heating Power Input (kW) (UK) 24.09 Cooling Power Input (kW) (UK) 22.77 COP / EER (nominal) 4.08 / 3.54 SCOP / SEER - / 5.89 Max No. of Connectable Indoor Units 32 Airflow (m³/min) 185 / 185 / 185 Sound Pressure Level (dBA) 63.5 Sound Power Level (dBA) 83.5 Weight (kg) 255 + 255 + 255 Dimensions (mm) Width x Depth x Height 920 + 920 + 920 x 760 x 1710 Electrical Supply 380-415V, 50HZ Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 43.2 Running Current (A) - Cooling 44.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 100 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50 <td>Cooling Capacity (kW) (UK)</td> <td>?</td>	Cooling Capacity (kW) (UK)	?
High Performance Heating Power Input (kW) (UK) 34.15 COP Priority Heating Power Input (kW) (UK) 24.05 Cooling Power Input (kW) (UK) 22.77 COP / EER (nominal) 4.08 / 3.54 SCOP / SEER - / 5.89 Max No. of Connectable Indoor Units 32 Airflow (m³/min) 185 / 185 / 185 Sound Pressure Level (dBA) 83.5 Sound Power Level (dBA) 83.5 Weight (kg) 255 + 255 + 255 Dimensions (mm) Width x Depth x Height 920 + 920 + 920 x 760 x 1710 Electrical Supply 380-415V, 50Hz Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 43.2 Running Current (A) - Cooling 44.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 26 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 100 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Heating Power Input (kW) (nominal)	26.47
COP Priority Heating Power Input (kW) (UK) 24.05 Cooling Power Input (kW) (UK) 22.77 COP / EER (nominal) 4.08 / 3.54 SCOP / SEER - / 5.85 Max No. of Connectable Indoor Units 32 Airflow (m³/min) 185 / 185 / 185 / 185 / 185 Sound Pressure Level (dBA) 83.5 Sound Power Level (dBA) 83.5 Dimensions (mm) Width x Depth x Height 920 + 920 + 920 x 760 x 1710 Electrical Supply 380-415V, 50Hz Phase 33 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 43.2 Running Current (A) - Cooling 44.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 / 20 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 250 Furthest Piping Length (m) 40 Between Indoor and Outdoor units - Height (m) 50	Cooling Power Input (kW) (nominal)	27.11
Cooling Power Input (kW) (UK) 22.77 COP / EER (nominal) 4.08 / 3.54 SCOP / SEER - / 5.85 Max No. of Connectable Indoor Units 32 Airflow (m³/min) 185 / 185 / 185 Sound Pressure Level (dBA) 63.5 Sound Power Level (dBA) 83.5 Weight (kg) 255 + 255 + 255 Dimensions (mm) Width x Depth x Height 920 + 920 + 920 x 760 x 1710 Electrical Supply 380-415V, 50Hz Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 43.2 Running Current (A) - Cooling 44.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 26 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 100 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	High Performance Heating Power Input (kW) (UK)	34.15
COP / EER (nominal) 4.08 / 3.54 SCOP / SEER -/5.89 Max No. of Connectable Indoor Units 32 Airflow (m³/min) 185 / 185 / 185 Sound Pressure Level (dBA) 63.5 Sound Power Level (dBA) 83.5 Weight (kg) 255 + 255 + 255 Dimensions (mm) Width x Depth x Height 920 + 920 + 920 x 760 x 1710 Electrical Supply 380-415V, 50Hz Phase 33 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 43.2 Running Current (A) - Cooling 44.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 20 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 250 Furthest Piping Length (m) 40 Between Indoor and Outdoor units - Height (m) 50	COP Priority Heating Power Input (kW) (UK)	24.09
SCOP / SEER	Cooling Power Input (kW) (UK)	22.77
Max No. of Connectable Indoor Units 32 Airflow (m³/min) 185 / 185 / 185 Sound Pressure Level (dBA) 63.5 Sound Power Level (dBA) 83.5 Weight (kg) 255 + 255 + 255 + 255 Dimensions (mm) Width x Depth x Height 920 + 920 + 920 x 760 x 1710 Electrical Supply 380-415V, 50Hz Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 43.2 Running Current (A) - Cooling 44.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 20 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 100 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	COP / EER (nominal)	4.08 / 3.54
Airflow (m³/min) 185 / 185 / 185 Sound Pressure Level (dBA) 63.5 Sound Power Level (dBA) 83.5 Weight (kg) 255 +	SCOP / SEER	- / 5.89
Sound Pressure Level (dBA) 63.5 Sound Power Level (dBA) 83.5 Weight (kg) 255 + 255 + 255 Dimensions (mm) Width x Depth x Height 920 + 920 + 920 x 760 x 7710 Electrical Supply 380-415V, 50Hz Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 43.2 Running Current (A) - Cooling 44.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 20 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 250 Furthest Piping Length (m) 100 Furthest Piping Length (fm) 40 Between Indoor and Outdoor units - Height (m) 500	Max No. of Connectable Indoor Units	32
Sound Power Level (dBA) 83.5 Weight (kg) 255 + 255 + 255 + 255 Dimensions (mm) Width x Depth x Height 920 + 920 + 920 x 760 x 1710 Electrical Supply 380-415V, 50HZ Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 43.2 Running Current (A) - Cooling 44.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 20 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 250 Furthest Piping Length (m) 100 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Airflow (m³/min)	185 / 185 / 185
Weight (kg) 255 + 255 + 255 + 255 Dimensions (mm) Width x Depth x Height 920 + 920 + 920 x 760 x 1710 Electrical Supply 380-415V, 50HZ Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 43.2 Running Current (A) - Cooling 44.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 20 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 250 Furthest Piping Length (m) 100 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Sound Pressure Level (dBA)	63.5
Dimensions (mm) Width x Depth x Height 920 + 920 + 920 x 760 x 1710 Electrical Supply 380-415V, 50HZ Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 43.2 Running Current (A) - Cooling 44.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 20 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 250 Furthest Piping Length (m) 100 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Sound Power Level (dBA)	83.5
1710	Weight (kg)	255 + 255 + 255
Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 43.2 Running Current (A) - Cooling 44.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 26 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 250 Furthest Piping Length (m) 100 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Dimensions (mm) Width x Depth x Height	920 + 920 + 920 x 760 x
Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 43.2 Running Current (A) - Cooling 44.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 26 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 250 Furthest Piping Length (m) 100 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Electrical Supply	380-415V, 50HZ
Running Current (A) - Heating 43.2 Running Current (A) - Cooling 44.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 20 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 250 Furthest Piping Length (m) 100 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Phase	3
Running Current (A) - Cooling 44.1 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 20 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 250 Furthest Piping Length (m) 100 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Starting Current (A)	8/8/8
Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 20 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 250 Furthest Piping Length (m) 100 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Running Current (A) - Heating	43.2
Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 250 Furthest Piping Length (m) 100 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Running Current (A) - Cooling	44.1
PIPING RESTRICTIONS Total Piping Length (m) 250 Furthest Piping Length (m) 100 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Fuse Rating (MCB sizes BS EN 60947-2) - (A)	25 / 25 / 20
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Furthest Piping Length (m) 100 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	PIPING RESTRICTIONS	
Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Total Piping Length (m)	250
Between Indoor and Outdoor units - Height (m) 50	Furthest Piping Length (m)	100
5 ()	Furthest Piping Length After First Branch (m)	40
Between Indoor and Indoor units - Height (m) 15	Between Indoor and Outdoor units - Height (m)	50
	Between Indoor and Indoor units - Height (m)	15

DIMENSIONS

PUHY-RP850YSJM-B

Upper View >







