## Air Conditioning

## **Product Information**

PURY-EP500YSKM-A: High COP R2 Series

20hp Outdoor Unit

R410A Heat Recovery





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 this requirement by distributing surplus heat from cooling operations (and vice versa) to rooms where it is needed. This efficiency can result in energy savings of up to 30% over conventional systems.



## **FEATURES**













Heating Capacity (kW) (nominal)         56           Cooling Capacity (kW) (nominal)         56           High Performance Heating Capacity (kW) (UK)         57           COP Priority Heating Capacity (kW) (UK)         54.8           Cooling Capacity (kW) (UK)         51.5           Heating Power Input (kW) (nominal)         16.15           Cooling Power Input (kW) (nominal)         14.54           High Performance Heating Power Input (kW) (UK)         13.23           COP Priority Heating Power Input (kW) (UK)         9.09           COP Piority Heating Power Input (kW) (UK)         9.09           COP / EER (nominal)         3.96 / 3.85           SCOP / SEER         5.78 / 8.18           Max No. of Connectable Indoor Units         50           Airflow (m³/min)         175 + 175           Sound Pressure Level (dBA)         63           Sound Power Level (dBA)         83           Weight (kg)         232 + 232           Dimensions (mm) Width x Depth x Height         1220 + 1220 x 740 x 1710           Electrical Supply         380-415V, 50HZ           Phase         3           Starting Current (A)         8 / 8           Running Current (A) - Heating         24.9           Fuse Rating (MCB sizes BS EN 60947-2) - (A)         4 +	OUTDOOR	
High Performance Heating Capacity (kW) (UK) 57 COP Priority Heating Capacity (kW) (UK) 54.8 Cooling Capacity (kW) (UK) 51.5 Heating Power Input (kW) (nominal) 16.15 Cooling Power Input (kW) (nominal) 14.54 High Performance Heating Power Input (kW) (UK) 16.58 COP Priority Heating Power Input (kW) (UK) 9.09 COP / EER (nominal) 3.96 / 3.85 SCOP / SEER 5.78 / 8.18 Max No. of Connectable Indoor Units 50 Airflow (m9/min) 175 + 175 Sound Pressure Level (dBA) 63 Sound Power Level (dBA) 83 Weight (kg) 232 + 232 Dimensions (mm) Width x Depth x Height 1220 + 1220 x 740 x 1710 Electrical Supply 380-415V, 50HZ Phase 3 Starting Current (A) - Heating 24.9 Running Current (A) - Cooling 22.4 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 20 / 20	Heating Capacity (kW) (nominal)	63
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COP / EER (nominal)         3.96 / 3.85           SCOP / SEER         5.78 / 8.18           Max No. of Connectable Indoor Units         50           Airflow (m³/min)         175 + 175           Sound Pressure Level (dBA)         63           Sound Power Level (dBA)         83           Weight (kg)         232 + 232           Dimensions (mm) Width x Depth x Height         1220 + 1220 x 740 x 1710           Electrical Supply         380-415V, 50HZ           Phase         3           Starting Current (A)         8 / 8           Running Current (A) - Heating         24.9           Running Current (A) - Cooling         22.4           Fuse Rating (MCB sizes BS EN 60947-2) - (A)         20 / 20	COP Priority Heating Power Input (kW) (UK)	13.23
SCOP / SEER       5.78 / 8.18         Max No. of Connectable Indoor Units       50         Airflow (m³/min)       175 + 175         Sound Pressure Level (dBA)       63         Sound Power Level (dBA)       83         Weight (kg)       232 + 232         Dimensions (mm) Width x Depth x Height       1220 + 1220 x 740 x 1710         Electrical Supply       380-415V, 50HZ         Phase       3         Starting Current (A)       8 / 8         Running Current (A) - Heating       24.9         Running Current (A) - Cooling       22.4         Fuse Rating (MCB sizes BS EN 60947-2) - (A)       20 / 20	Cooling Power Input (kW) (UK)	9.09
Max No. of Connectable Indoor Units         50           Airflow (m³/min)         175 + 175           Sound Pressure Level (dBA)         63           Sound Power Level (dBA)         83           Weight (kg)         232 + 232           Dimensions (mm) Width x Depth x Height         1220 + 1220 x 740 x 1710           Electrical Supply         380-415V, 50HZ           Phase         3           Starting Current (A)         8 / 8           Running Current (A) - Heating         24.9           Running Current (A) - Cooling         22.4           Fuse Rating (MCB sizes BS EN 60947-2) - (A)         20 / 20	COP / EER (nominal)	3.96 / 3.85
Airflow (m³/min)       175 + 175         Sound Pressure Level (dBA)       63         Sound Power Level (dBA)       83         Weight (kg)       232 + 232         Dimensions (mm) Width x Depth x Height       1220 + 1220 x 740 x 1710         Electrical Supply       380-415V, 50HZ         Phase       3         Starting Current (A)       8 / 8         Running Current (A) - Heating       24.9         Running Current (A) - Cooling       22.4         Fuse Rating (MCB sizes BS EN 60947-2) - (A)       20 / 20	SCOP / SEER	5.78 / 8.18
Sound Pressure Level (dBA)         63           Sound Power Level (dBA)         83           Weight (kg)         232 + 232           Dimensions (mm) Width x Depth x Height         1220 + 1220 x 740 x 1710           Electrical Supply         380-415V, 50HZ           Phase         3           Starting Current (A)         8 / 8           Running Current (A) - Heating         24.9           Running Current (A) - Cooling         22.4           Fuse Rating (MCB sizes BS EN 60947-2) - (A)         20 / 20	Max No. of Connectable Indoor Units	50
Sound Power Level (dBA)         83           Weight (kg)         232 ± 232           Dimensions (mm) Width x Depth x Height         1220 + 1220 x 740 x 1710           Electrical Supply         380-415V, 50HZ           Phase         3           Starting Current (A)         8 / 8           Running Current (A) - Heating         24.9           Running Current (A) - Cooling         22.4           Fuse Rating (MCB sizes BS EN 60947-2) - (A)         20 / 20	Airflow (m³/min)	175 + 175
Weight (kg)         232 + 232           Dimensions (mm) Width x Depth x Height         1220 + 1220 x 740 x 1710           Electrical Supply         380-415V, 50HZ           Phase         3           Starting Current (A)         8 / 8           Running Current (A) - Heating         24.9           Running Current (A) - Cooling         22.4           Fuse Rating (MCB sizes BS EN 60947-2) - (A)         20 / 20	Sound Pressure Level (dBA)	63
Dimensions (mm) Width x Depth x Height         1220 + 1220 x 740 x 1710           Electrical Supply         380-415V, 50HZ           Phase         3           Starting Current (A)         8 / 8           Running Current (A) - Heating         24.9           Running Current (A) - Cooling         22.4           Fuse Rating (MCB sizes BS EN 60947-2) - (A)         20 / 20	Sound Power Level (dBA)	83
Electrical Supply         380-415V, 50HZ           Phase         3           Starting Current (A)         8 / 8           Running Current (A) - Heating         24.9           Running Current (A) - Cooling         22.4           Fuse Rating (MCB sizes BS EN 60947-2) - (A)         20 / 20	Weight (kg)	232 + 232
Phase         3           Starting Current (A)         8 / 8           Running Current (A) - Heating         24.9           Running Current (A) - Cooling         22.4           Fuse Rating (MCB sizes BS EN 60947-2) - (A)         20 / 20	Dimensions (mm) Width x Depth x Height	1220 + 1220 x 740 x 1710
Starting Current (A)       8 / 8         Running Current (A) - Heating       24.9         Running Current (A) - Cooling       22.4         Fuse Rating (MCB sizes BS EN 60947-2) - (A)       20 / 20	Electrical Supply	380-415V, 50HZ
Running Current (A) - Heating         24.9           Running Current (A) - Cooling         22.4           Fuse Rating (MCB sizes BS EN 60947-2) - (A)         20 / 20	Phase	3
Running Current (A) - Cooling         22.4           Fuse Rating (MCB sizes BS EN 60947-2) - (A)         20 / 20	Starting Current (A)	8/8
Fuse Rating (MCB sizes BS EN 60947-2) - (A) 20 / 20	Running Current (A) - Heating	24.9
	Running Current (A) - Cooling	22.4
Mains Cable No. Cores 4 + EARTH	Fuse Rating (MCB sizes BS EN 60947-2) - (A)	20 / 20
	Mains Cable No. Cores	4 + EARTH

## **DIMENSIONS**









