Air Conditioning

Product Information

PUHY-EP900YSKM-A: High COP Y Series

36hp Outdoor Unit

R410A Heat Pump





The City Multi Y Series makes use of a two pipe refrigerant circuit throughout, with branch pipes feeding indoor units allowing manual changeover from cooling to heating to ensure that a constant indoor climate is maintained.



FEATURES













Cooling Capacity (kW) (nominal) 101 High Performance Heating Capacity (kW) (UK) 107.4 COP Priority Heating Capacity (kW) (UK) 99.4 Cooling Capacity (kW) (UK) 92.5 Heating Power Input (kW) (nominal) 25.96 High Performance Heating Power Input (kW) (UK) 35.75 Cooling Power Input (kW) (nominal) 25.96 High Performance Heating Power Input (kW) (UK) 35.75 COP Priority Heating Power Input (kW) (UK) 24.85 Cooling Power Input (kW) (UK) 15.84 COP / EER (nominal) 3.82 / 3.85 SCOP / SEER 5.35 / 8.44 Max No. of Connectable Indoor Units 55 Airflow (m³/min) 320 / 320	OUTDOOR	
High Performance Heating Capacity (kW) (UK) 107.4 COP Priority Heating Capacity (kW) (UK) 99.5 Cooling Capacity (kW) (UK) 92.5 Heating Power Input (kW) (nominal) 29.56 Cooling Power Input (kW) (nominal) 25.96 High Performance Heating Power Input (kW) (UK) 35.75 COP Priority Heating Power Input (kW) (UK) 24.85 Cooling Power Input (kW) (UK) 15.84 Cooling Power Input (kW) (UK) 15.84 COP / SEER 5.35 / 8.44 Max No. of Connectable Indoor Units 5.0 Airflow (m³/min) 320 / 320 / 320 Sound Pressure Level (dBA) 66 Sound Power Level (dBA) 86 Weight (kg) 314 + 314 + 314 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 1750 + 1750 x 740 x 1710 Electrical Supply 380-415V, 50H2 Phase 3 Starting Current (A) - Heating 45.7 Running Current (A) - Cooling 40.7 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 1000 Furthest Piping Length f(m) 40 Between Indoor and Outdoor units - Height (m) 50	Heating Capacity (kW) (nominal)	113
COP Priority Heating Capacity (kW) (UK) 99.5 Cooling Capacity (kW) (UK) 92.5 Heating Power Input (kW) (nominal) 29.56 Cooling Power Input (kW) (nominal) 25.96 High Performance Heating Power Input (kW) (UK) 35.75 COP Priority Heating Power Input (kW) (UK) 24.85 Cooling Power Input (kW) (UK) 15.84 COP / EER (nominal) 3.82 / 3.85 SCOP / SEER 5.35 / 8.44 Max No. of Connectable Indoor Units 50 Airflow (m³/min) 320 / 320 / 320 Sound Pressure Level (dBA) 66 Sound Power Level (dBA) 86 Weight (kg) 314 + 314 + 314 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 1750 x 740 x 171 Electrical Supply 380-415V, 50H2 Phase 3 Starting Current (A) - Heating 45.7 Running Current (A) - Heating 45.7 Running Current (A) - Cooling 40.7 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 1000 Furthest Piping Length (m) 500	Cooling Capacity (kW) (nominal)	101
Cooling Capacity (kW) (UK) 92.5 Heating Power Input (kW) (nominal) 29.58 Cooling Power Input (kW) (nominal) 25.96 High Performance Heating Power Input (kW) (UK) 35.75 COP Priority Heating Power Input (kW) (UK) 24.88 Cooling Power Input (kW) (UK) 15.84 COP / EER (nominal) 3.82 / 3.88 SCOP / SEER 5.35 / 8.44 Max No. of Connectable Indoor Units 50 Airflow (m³/min) 320 / 320 / 320 Sound Pressure Level (dBA) 66 Sound Power Level (dBA) 86 Weight (kg) 314 + 314 + 314 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 1750 x 740 or 1710 Electrical Supply 380-415V, 50H2 Phase 3 Starting Current (A) - Heating 45.7 Running Current (A) - Cooling 40.7 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 168 Furthest Piping Length After First Branch (m) 40 <	High Performance Heating Capacity (kW) (UK)	107.4
Heating Power Input (kW) (nominal) 29.58	COP Priority Heating Capacity (kW) (UK)	99.4
Cooling Power Input (kW) (nominal) 25.96 High Performance Heating Power Input (kW) (UK) 35.73 COP Priority Heating Power Input (kW) (UK) 24.85 Cooling Power Input (kW) (UK) 15.84 COP / EER (nominal) 3.82 / 3.85 SCOP / SEER 5.35 / 8.44 Max No. of Connectable Indoor Units 50 Airflow (m³/min) 320 / 320 / 320 Sound Pressure Level (dBA) 66 Sound Power Level (dBA) 86 Weight (kg) 314 + 314 + 314 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 1750 x 740 or 1710 Electrical Supply 380-415V, 50Hz Phase 3 Starting Current (A) - Heating 45.73 Running Current (A) - Gooling 40.73 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 165 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Cooling Capacity (kW) (UK)	92.9
High Performance Heating Power Input (kW) (UK) 35.75 COP Priority Heating Power Input (kW) (UK) 24.85 Cooling Power Input (kW) (UK) 15.84 COP / EER (nominal) 3.82 / 3.85 SCOP / SEER 5.35 / 8.44 Max No. of Connectable Indoor Units 50 Airflow (m³/min) 320 / 320 / 320 Sound Pressure Level (dBA) 86 Sound Power Level (dBA) 86 Weight (kg) 314 + 314 + 314 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 1750 x 740 or 1710 Electrical Supply 380-415V, 50Hz Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 45.7 Running Current (A) - Cooling 40.7 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 165 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Heating Power Input (kW) (nominal)	29.58
COP Priority Heating Power Input (kW) (UK) 24.85 Cooling Power Input (kW) (UK) 15.84 COP / EER (nominal) 3.82 / 3.85 SCOP / SEER 5.35 / 8.44 Max No. of Connectable Indoor Units Airflow (m³/min) 320 / 320 / 320 Sound Pressure Level (dBA) Sound Power Level (dBA) 86 Sound Power Level (dBA) Weight (kg) 314 + 314 + 314 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 1750 x 740 1710 Electrical Supply 380-415V, 50Hz Phase 30 Starting Current (A) Running Current (A) - Heating 45.7 Running Current (A) - Cooling Fuse Rating (MCB sizes BS EN 60947-2) - (A) Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) Furthest Piping Length (m) Furthest Piping Length After First Branch (m) Between Indoor and Outdoor units - Height (m)	Cooling Power Input (kW) (nominal)	25.96
Cooling Power Input (kW) (UK) 15.84 COP / EER (nominal) 3.82 / 3.88 SCOP / SEER 5.35 / 8.44 Max No. of Connectable Indoor Units 5.35 / 8.44 Airflow (m³/min) 320 / 320 / 320 Sound Pressure Level (dBA) 66 Sound Power Level (dBA) 314 + 314 + 314 Weight (kg) 314 + 314 + 314 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 1750 x 740 x 1710 Electrical Supply 380-415V, 50Hz Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 45.7 Running Current (A) - Gooling 40.7 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 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	High Performance Heating Power Input (kW) (UK)	35.79
COP / EER (nominal) 3.82 / 3.88 SCOP / SEER 5.35 / 8.44 Max No. of Connectable Indoor Units 5.00 Airflow (m³/min) 320 / 320 / 320 Sound Pressure Level (dBA) 66 Sound Power Level (dBA) 86 Weight (kg) 314 + 314 + 314 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 1750 x 740 x 1710 Electrical Supply 380-415V, 50Hz Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 45.7 Running Current (A) - Cooling 40.7 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 165 Furthest Piping Length (m) 56 Between Indoor and Outdoor units - Height (m) 56	COP Priority Heating Power Input (kW) (UK)	24.85
SCOP / SEER 5.35 / 8.44 Max No. of Connectable Indoor Units 50 Airflow (m³/min) 320 / 320 / 320 Sound Pressure Level (dBA) 86 Sound Power Level (dBA) 86 Weight (kg) 314 + 314 + 314 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 1750 x 740 or 1710 Electrical Supply 380-415V, 50Hz Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 45.7 Running Current (A) - Cooling 40.7 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS 100 Total Piping Length (m) 100 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Cooling Power Input (kW) (UK)	15.84
Max No. of Connectable Indoor Units 50 Airflow (m³/min) 320 / 320 / 320 Sound Pressure Level (dBA) 66 Sound Power Level (dBA) 86 Weight (kg) 314 + 314 + 314 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 1750 x 740 or 1710 Electrical Supply 380-415V, 50Hz Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 45.7 Running Current (A) - Cooling 40.7 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS 1000 Furthest Piping Length (m) 165 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	COP / EER (nominal)	3.82 / 3.89
Airflow (m³/min) 320 / 3	SCOP / SEER	5.35 / 8.44
Sound Pressure Level (dBA) 66 Sound Power Level (dBA) 86 Weight (kg) 314 + 314 + 314 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 1750 x 740	Max No. of Connectable Indoor Units	50
Sound Power Level (dBA) 86 Weight (kg) 314 + 314 + 314 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 1750 x 740 x 740 x 7410 Electrical Supply 380-415V, 50HZ Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 45.7 Running Current (A) - Cooling 40.7 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 1000 Furthest Piping Length (m) 168 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Airflow (m³/min)	320 / 320 / 320
Weight (kg) 314 + 314 + 314 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 1750 x 740 x 740 x 7710 Electrical Supply 380-415V, 50HZ Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 45.7 Running Current (A) - Cooling 40.7 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 1000 Furthest Piping Length (m) 168 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Sound Pressure Level (dBA)	66
Dimensions (mm) Width x Depth x Height 1750 + 1750 + 1750 x 740 x 1710 Electrical Supply 380-415V, 50HZ Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 45.7 Running Current (A) - Cooling 40.7 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 1000 Furthest Piping Length (m) 168 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Sound Power Level (dBA)	86
1710	Weight (kg)	314 + 314 +314
Phase 3 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 45.7 Running Current (A) - Cooling 40.7 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 1000 Furthest Piping Length (m) 168 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Dimensions (mm) Width x Depth x Height	1750 + 1750 + 1750 x 740 > 1710
Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 45.7 Running Current (A) - Cooling 40.7 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 1000 Furthest Piping Length (m) 168 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 45.7 Running Current (A) - Cooling 40.7 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 1000 Furthest Piping Length (m) 165 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Phase	3
Running Current (A) - Cooling 40.7 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 1000 Furthest Piping Length (m) 165 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 / 25 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 1000 Furthest Piping Length (m) 165 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Running Current (A) - Heating	45.7
Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 1000 Furthest Piping Length (m) 165 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Running Current (A) - Cooling	40.7
PIPING RESTRICTIONS Total Piping Length (m) 1000 Furthest Piping Length (m) 165 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 / 25
Total Piping Length (m) 1000 Furthest Piping Length (m) 165 Furthest Piping Length After First Branch (m) 40 Between Indoor and Outdoor units - Height (m) 50	Mains Cable No. Cores	4 + EARTH
Furthest Piping Length (m) 168 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)	1000
Between Indoor and Outdoor units - Height (m) 50	Furthest Piping Length (m)	165
	Furthest Piping Length After First Branch (m)	40
Between Indoor and Indoor units - Height (m) 30	Between Indoor and Outdoor units - Height (m)	50
	Between Indoor and Indoor units - Height (m)	30

DIMENSIONS

PUHY-EP900YSKM-A





