Air Conditioning

Product Information

PUHY-EP800YSKM-A: High COP Y Series

32hp 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) High Performance Heating Capacity (kW) (UK) COP Priority Heating Capacity (kW) (UK) Reating Power Input (kW) (nominal) Electrical Supply Sound Power Level (dBA) Weight (kg) Dimensions (mm) Width x Depth x Height Electrical Supply Phase Starting Current (A) - Heating Running Current (A) - Cooling Fuse Rating (MCB sizes BS EN 60947-2) - (A) Eletrother Piping Length (m) Furthest Piping Length (ff) COP Fiority Leating Power Input (kW) (UK) 21.9 25.5 Cooling Power Input (kW) (UK) 21.9 22.1 23.1 24.1 25.5 Cooling Power Input (kW) (UK) 21.9 22.1 23.1 23.1 24.1 25.5 Cooling Power Input (kW) (UK) 21.9 22.1 23.1 23.1 23.1 23.1 23.1 24.1 25.5 26.1 26.1 26.1 27.1 28.1 2	OUTDOOR	
High Performance Heating Capacity (kW) (UK) COP Priority Heating Capacity (kW) (UK) 82.3 Heating Power Input (kW) (nominal) 25.5 Cooling Power Input (kW) (nominal) High Performance Heating Power Input (kW) (UK) COP Priority Heating Power Input (kW) (UK) 29.55 COOLING Power Input (kW) (UK) COP Priority Heating Power Input (kW) (UK) COP FIGURE (nominal) SOOP / SEER 5.73 / 8.0 Max No. of Connectable Indoor Units Airflow (m³/min) Sound Pressure Level (dBA) Sound Power Level (dBA) Weight (kg) Dimensions (mm) Width x Depth x Height 1750 + 1750 + 920 x 740. 1711 Electrical Supply Phase Starting Current (A) - Heating Running Current (A) - Heating 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 (fm) 5 10 5 25 / 25 / 20 5 3 1 4 5 / 25 / 25 6 7 2	Heating Capacity (kW) (nominal)	100
COP Priority Heating Capacity (kW) (UK) 82. Cooling Capacity (kW) (UK) 82. Heating Power Input (kW) (nominal) 25.5 Cooling Power Input (kW) (nominal) 23.1! High Performance Heating Power Input (kW) (UK) 29.5! COP Priority Heating Power Input (kW) (UK) 21.9. COP Priority Heating Power Input (kW) (UK) 21.9. Cooling Power Input (kW) (UK) 3.3.2 / 3.8! SCOP / SEER 5.73 / 8.0! Max No. of Connectable Indoor Units 5. Airflow (m³/min) 320 / 320 / 17. Sound Pressure Level (dBA) 8. Sound Power Level (dBA) 8. Weight (kg) 314 + 314 + 20 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 920 x 740. 1711 Electrical Supply 380-415V, 50H2 Phase 5. Starting Current (A) - Heating 39. Running Current (A) - Heating 39. Running Current (A) - Cooling 35. Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 21 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 1000 Furthest Piping Length (fm) 1600 Furthest Piping Length After First Branch (m) 44 Between Indoor and Outdoor units - Height (m) 55	Cooling Capacity (kW) (nominal)	90
Cooling Capacity (kW) (UK) 82.3 Heating Power Input (kW) (nominal) 25.5 Cooling Power Input (kW) (nominal) 23.1 High Performance Heating Power Input (kW) (UK) 29.5 COP Priority Heating Power Input (kW) (UK) 21.9 Cooling Power Input (kW) (UK) 1 COP / EER (nominal) 3.92 / 3.8 SCOP / SEER 5.73 / 8.0 Max No. of Connectable Indoor Units 5 Airflow (m³/min) 320 / 320 / 17 Sound Pressure Level (dBA) 8 Sound Power Level (dBA) 8 Weight (kg) 314 + 314 + 20 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 920 x 740 171t Electrical Supply 380-415V, 50H2 Phase 3 Starting Current (A) - Heating 39. Running Current (A) - Heating 39. Running Current (A) - Cooling 35.3 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 26 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 16	High Performance Heating Capacity (kW) (UK)	100
Heating Power Input (kW) (nominal) 25.5	COP Priority Heating Capacity (kW) (UK)	87
Cooling Power Input (kW) (nominal) 23.1* High Performance Heating Power Input (kW) (UK) 29.5* COP Priority Heating Power Input (kW) (UK) 21.9* Cooling Power Input (kW) (UK) 1.9* COP / EER (nominal) 3.92 / 3.8* SCOP / SEER 5.73 / 8.0* Max No. of Connectable Indoor Units 5 Airflow (m³/min) 320 / 320 / 17* Sound Power Level (dBA) 6 Sound Power Level (dBA) 8 Weight (kg) 314 + 314 + 20 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 920 x 740 1711 1712 Electrical Supply 380-415V, 50Hz Phase 3 Starting Current (A) - Heating 39. Running Current (A) - Heating 39. Running Current (A) - Cooling 35.3 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) 4 Between Indoor and Out	Cooling Capacity (kW) (UK)	82.8
High Performance Heating Power Input (kW) (UK) 29.5/2 COP Priority Heating Power Input (kW) (UK) 21.9/2 Cooling Power Input (kW) (UK) 1.9/2 COP / EER (nominal) 3.92 / 3.8/2 SCOP / SEER 5.73 / 8.0/2 Max No. of Connectable Indoor Units 5/2 Airflow (m³/min) 320 / 320 / 17/2 Sound Pressure Level (dBA) 6/2 Sound Power Level (dBA) 8/2 Weight (kg) 314 + 314 + 20 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 920 x 740 1711 Electrical Supply 380-415V, 50H/2 Phase 3 Starting Current (A) - Heating 39. Running Current (A) - Heating 39. Running Current (A) - Cooling 35.3 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 26 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 16/2 Furthest Piping Length After First Branch (m) 4/2 Between Indoor and Outdoor units - Height (m) 5/2	Heating Power Input (kW) (nominal)	25.51
COP Priority Heating Power Input (kW) (UK) Cooling Power Input (kW) (UK) 11 COP / EER (nominal) SCOP / SEER 5.73 / 8.03 Max No. of Connectable Indoor Units Airflow (m³/min) Sound Pressure Level (dBA) Sound Power Level (dBA) Sound Power Level (dBA) Weight (kg) Dimensions (mm) Width x Depth x Height 1750 + 1750 + 920 x 740 1711 Electrical Supply Phase Starting Current (A) - Heating 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) 5 1	Cooling Power Input (kW) (nominal)	23.19
Cooling Power Input (kW) (UK) 1: COP / EER (nominal) 3.92 / 3.8i SCOP / SEER 5.73 / 8.0i Max No. of Connectable Indoor Units Airflow (m³/min) 320 / 320 / 17: Sound Pressure Level (dBA) Sound Power Level (dBA) 8: Weight (kg) 314 + 314 + 20 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 920 x 740 1711 Electrical Supply 380-415V, 50H2 Phase Starting Current (A) Running Current (A) - Heating 39. 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) 100 Furthest Piping Length (m) 5 interest and the size of the siz	High Performance Heating Power Input (kW) (UK)	29.59
COP / EER (nominal) 3.92 / 3.8 SCOP / SEER 5.73 / 8.0 Max No. of Connectable Indoor Units 56 Airflow (m³/min) 320 / 320 / 17 Sound Pressure Level (dBA) 68 Sound Power Level (dBA) 81 Weight (kg) 314 + 314 + 20 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 920 x 740 1750 1750 + 1750 + 920 x 740 Electrical Supply 380-415V, 50Hz Phase 38 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 39. Running Current (A) - Cooling 35. Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 2 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 16 Furthest Piping Length After First Branch (m) 4 Between Indoor and Outdoor units - Height (m) 5	COP Priority Heating Power Input (kW) (UK)	21.94
SCOP / SEER 5.73 / 8.0 Max No. of Connectable Indoor Units 56 Airflow (m³/min) 320 / 320 / 17 Sound Pressure Level (dBA) 68 Sound Power Level (dBA) 81 Weight (kg) 314 + 314 + 20 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 920 x 740 1710 1750 Electrical Supply 380-415V, 50Hz Phase 38 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 39 Running Current (A) - Cooling 35.3 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 21 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 100 Furthest Piping Length After First Branch (m) 44 Between Indoor and Outdoor units - Height (m) 5	Cooling Power Input (kW) (UK)	15
Max No. of Connectable Indoor Units 56 Airflow (m³/min) 320 / 320 / 17 Sound Pressure Level (dBA) 68 Sound Power Level (dBA) 81 Weight (kg) 314 + 314 + 240 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 920 x 740 1710 1710 Electrical Supply 380-415V, 50Hz Phase 38 Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 39 Running Current (A) - Cooling 35.3 Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 21 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 16 Furthest Piping Length After First Branch (m) 44 Between Indoor and Outdoor units - Height (m) 5	COP / EER (nominal)	3.92 / 3.88
Airflow (m³/min) 320 / 320 / 17: Sound Pressure Level (dBA) 6: Sound Power Level (dBA) 8: Weight (kg) 314 + 314 + 20 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 920 x 740 1711 Electrical Supply 380-415V, 50H; Phase 3: Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 39. Running Current (A) - Cooling 35. Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 21 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 100 Furthest Piping Length (m) 16: Furthest Piping Length After First Branch (m) 44 Between Indoor and Outdoor units - Height (m) 5:	SCOP / SEER	5.73 / 8.02
Sound Pressure Level (dBA) Sound Power Level (dBA) 88 Weight (kg) Sound Power Level (dBA) Weight (kg) Sound Power Level (dBA) Weight (kg) Sound Power Level (dBA) 88 Weight (kg) Sound Power Level (dBA) Sound Power Level (dBA) 81 1750 + 1750 + 920 x 740 171 Electrical Supply Sound Power Level (dBA) Sound Power Level (data) Sound Powe	Max No. of Connectable Indoor Units	50
Sound Power Level (dBA) 88 Weight (kg) 314 + 314 + 20 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 920 x 740 1711 1711 Electrical Supply 380-415V, 50H; Phase 380-415V, 50H; Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 39. Running Current (A) - Cooling 35. 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 (m) 160 Furthest Piping Length After First Branch (m) 4 Between Indoor and Outdoor units - Height (m) 5	Airflow (m³/min)	320 / 320 / 175
Weight (kg) 314 + 314 + 20 Dimensions (mm) Width x Depth x Height 1750 + 1750 + 920 x 740. 1711 Electrical Supply 380-415V, 50H; Phase 380-415V, 50H; Starting Current (A) 8 / 8 / 8 Running Current (A) - Heating 39. Running Current (A) - Cooling 35. 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 (m) 160 Furthest Piping Length After First Branch (m) 44 Between Indoor and Outdoor units - Height (m) 56	Sound Pressure Level (dBA)	65
Dimensions (mm) Width x Depth x Height 1750 + 1750 + 920 x 740.1711 Electrical Supply 380-415V, 50Hz Phase 380-415V, 50Hz Phase 39.2 Running Current (A) - Heating 39.3 Running Current (A) - Cooling 35.3 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 (m) 163 Furthest Piping Length After First Branch (m) 44 Between Indoor and Outdoor units - Height (m) 56	Sound Power Level (dBA)	85
1716 Electrical Supply 380-415V, 50Hz Phase 380-415V, 50Hz Phase 380-415V, 50Hz Phase 380-415V, 50Hz Starting Current (A)	Weight (kg)	314 + 314 + 201
Phase : Starting Current (A) 8 / 8 / 8 / 8 / 8 / 8 / 8 / 8 / 8 / 8 /	Dimensions (mm) Width x Depth x Height	1750 + 1750 + 920 x 740 x 1710
Starting Current (A) 8 / 8 / 8 / 8 Running Current (A) - Heating 39. Running Current (A) - Cooling 35. Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 21 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 100 Furthest Piping Length (m) 16 Furthest Piping Length After First Branch (m) 44 Between Indoor and Outdoor units - Height (m) 56	Electrical Supply	380-415V, 50HZ
Running Current (A) - Heating 39. Running Current (A) - Cooling 35.3 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 (m) 16 Furthest Piping Length After First Branch (m) 4 Between Indoor and Outdoor units - Height (m) 5	Phase	3
Running Current (A) - Cooling 35.1 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 (m) 16 Furthest Piping Length After First Branch (m) 4 Between Indoor and Outdoor units - Height (m) 5	Starting Current (A)	8/8/8
Fuse Rating (MCB sizes BS EN 60947-2) - (A) 25 / 25 / 21 Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 100 Furthest Piping Length (m) 16 Furthest Piping Length After First Branch (m) 4 Between Indoor and Outdoor units - Height (m) 5	Running Current (A) - Heating	39.4
Mains Cable No. Cores 4 + EARTH PIPING RESTRICTIONS Total Piping Length (m) 100 Furthest Piping Length (m) 16 Furthest Piping Length After First Branch (m) 4 Between Indoor and Outdoor units - Height (m) 5	Running Current (A) - Cooling	35.8
PIPING RESTRICTIONS Total Piping Length (m) 1000 Furthest Piping Length (m) 1600 Furthest Piping Length After First Branch (m) 440 Between Indoor and Outdoor units - Height (m) 5600	Fuse Rating (MCB sizes BS EN 60947-2) - (A)	25 / 25 / 20
Total Piping Length (m) 1000 Furthest Piping Length (m) 160 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) 163 Furthest Piping Length After First Branch (m) 44 Between Indoor and Outdoor units - Height (m) 56	PIPING RESTRICTIONS	
Furthest Piping Length After First Branch (m) 49 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
3 ()	Furthest Piping Length After First Branch (m)	40
Between Indoor and Indoor units - Height (m)	Between Indoor and Outdoor units - Height (m)	50
	Between Indoor and Indoor units - Height (m)	30

DIMENSIONS

PUHY-EP800YSKM-A







