

PCA-M-HA2 R32 Stainless Steel Ceiling Suspended System

Power Inverter Heat Pump (Single Phase)



The **PCA-M-HA2 Power Inverter** is a ceiling suspended system that is ideal for use in commercial kitchen and cafeteria applications. The external casing is made of durable stainless steel that is resistant to oil and smoke, ensuring that the unit can be easily cleaned. Our Power Inverter Heat Pump offers customers high seasonal efficiency, advanced control options and quiet operation, whilst providing greater flexibility and ease of installation.

Key Features & Benefits

- Increased comfort levels through advanced airflow and smart defrost features
- Energy monitoring & 14°C set point option as standard; ideal for applications where a specialist ambient condition is required (requires PAR-41MAA controller)
- 'Backup and rotate' feature to reduce load on individual units and prolong product life (requires PAR-41MAA controller)
- Easy maintenance and cleaning - fan casing can be separated into different sections and pipe connector removed to allow access to drain pan
- High performance oil mist filter for kitchen applications

R32

PCA-M-HA2 - INDOOR UNIT		PCA-M71HA2	
CAPACITY (kW)	Heating (nominal) Cooling (nominal) Heating (UK) Cooling (UK)		7.6 (3.5-10.2) 7.1 (3.3-8.1) 6.8 (3.0-8.65) 6.55 (3.05-7.45)
SHF (nominal)			0.74
COP / EER (nominal)			3.50 / 3.51
SCOP / SEER			3.90 / 5.60
ENERGY EFFICIENCY CLASS	Heating/Cooling		A / A+
AIRFLOW (l/s)	Lo-Hi		267-300
PIPE SIZE mm (in)	Gas/Liquid		15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Hi		37-39
SOUND POWER LEVEL (dBA)			57
DIMENSIONS (mm)	Width x Depth x Height		1136 x 650 x 280
WEIGHT (kg)			42
ELECTRICAL SUPPLY			Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)			6
INTERCONNECTING CABLE No. Cores			4
WIRED REMOTE CONTROLLER REFERENCE			PAR-41MAA
WIRELESS REMOTE CONTROLLER REFERENCE			PAR-SL94B
PUZ-ZM - OUTDOOR UNIT		PUZ-ZM71VHA2	
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling		49 / 47
SOUND POWER LEVEL (dBA)	Cooling		67
WEIGHT (kg)			67
DIMENSIONS (mm)	Width x Depth x Height		950 x 330 + 30 x 943
ELECTRICAL SUPPLY			220-240v, 50Hz
PHASE			Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal) Heating/Cooling (UK)		1.82 / 1.65 1.69 / 1.39
STARTING CURRENT (A)			5.3
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]		7.5 / 6.7 [19.4]
FUSE RATING (BS88) - HRC (A)			25
MAINS CABLE No. Cores			3
MAX PIPE LENGTH (m)			55
MAX HEIGHT DIFFERENCE (m)			30
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) R32 (GWP 675) - 30m			2.80 / 1.89
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) R32 (GWP 675)			0.80 / 0.54

Accessories

Indoor Units

PAR-SL94B

Wireless remote controller and adaptor for PCA-M71HA2

PAC-SG38KF

Oil mist filter for PCA-M71HA2 (12 pack)

Outdoor Units

PAC-SG59SG

Air outlet guide for PUZ-ZM71VKA2

System Control Units

PAC-SA89TA

Remote on/off adaptor (3 wire adaptor)

PAC-SA88HA

Run/fault adaptor (5 wire adaptor)

PAC-SE41TS-E

Remote sensor

PAR-CT01MAA-SB/PB

Touch screen wired remote controller (PB=Premium Finish)

PAR-41MAA

Standard wired remote controller

MAC-587IF-E

Interface for connection to Wi-Fi MELCloud service

MELCOBEMS MINI (A1M+)

Modbus and BACnet MSTP CN105 adaptor

MELCORETAIL MINI

Retail control and input / output interface

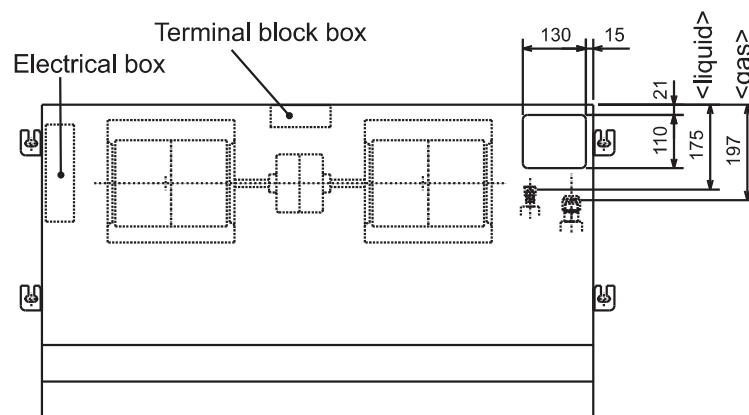
PAC-SJ95MA

M-NET adaptor for size 71

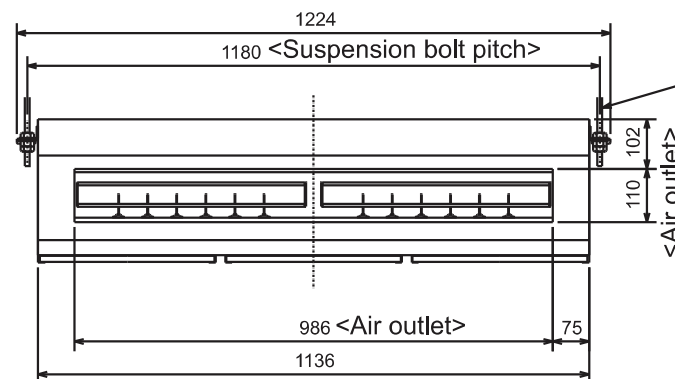
Product Dimensions

PCA-M71HA2

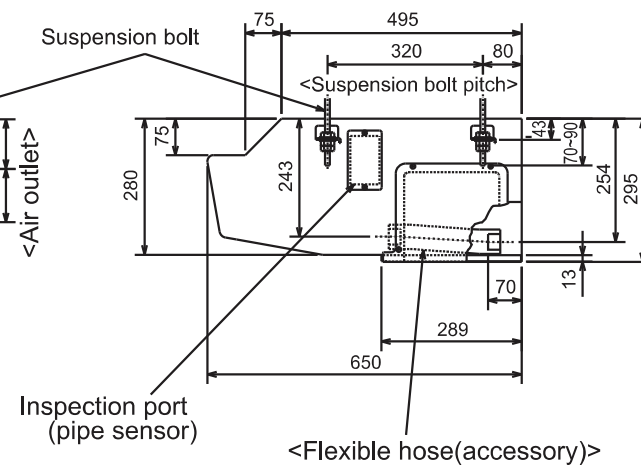
Upper View



Front View



Side View



Note: Please see page 1.3.66 for the full range of accessories.