

Air Conditioning

Product Information

PCA-RP100KAQ (Three Phase)
Standard Inverter Heat Pump
Ceiling Suspended System

Making a
World of
Difference

Mr.SLIM™



Our Standard Inverter range offers customers all the features and benefits of inverter technology whilst being cost effective.

Key Features

- Stylish indoor unit designed for direct ceiling suspension
- Flush to wall installation for concealment of service connections
- Automatic air speed adjustment
- High/low ceiling height modes



Air Conditioning | Heating
Ventilation | Controls



Air Conditioning

Product Information

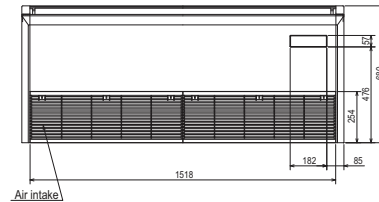
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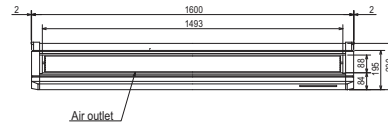
PCA-RP - INDOOR UNITS		PCA-RP100KAQ
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-12.5)
	Cooling (nominal)	9.4 (4.9-11.2)
	Heating (UK)	9.5 (3.85-10.65)
	Cooling (UK)	8.65 (4.5-10.3)
SHF (nominal & UK)		0.77
COP / EER (nominal)		3.41 / 3.00
SCOP / SEER (BS EN14825)		3.8 / 5.1
EP ENERGY EFFICIENCY CLASS		A / A
AIRFLOW (l/s)		Lo-Mi1-Mi2-Hi 367-400-433-467
PIPE SIZE mm (in)		Gas/Liquid 15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)		Lo-Mi1-Mi2-Hi 37-39-41-43
SOUND POWER LEVEL (dBA)		63
DIMENSIONS (mm)		Width x Depth x Height 1600 x 680 x 230
WEIGHT (kg)		36
ELECTRICAL SUPPLY		Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6
INTERCONNECTING CABLE No. Cores		4

DIMENSIONS

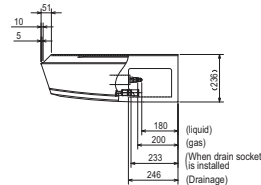
Front View



Upper View



Back View



PUHZ-P - OUTDOOR UNITS		PUHZ-P100YHA2 ³
		Three Phase
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		54 / 50
SOUND POWER LEVEL (dBA) Cooling		70
WEIGHT (kg)		77
DIMENSIONS (mm)		Width x Depth x Height 950 x 330 + 30 x 943
ELECTRICAL SUPPLY		380-415v, 50Hz
PHASE		Three
SYSTEM POWER Heating/Cooling (nominal)		3.28 / 3.13
INPUT (kW) Heating/Cooling (UK)		2.92 / 2.66
STARTING CURRENT (A)		4.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		5.91 / 5.65 [13.7]
FUSE RATING (BS88) - HRC (A)		16
MAINS CABLE No. Cores		5
MAX PIPE LENGTH (m)		50
MAX HEIGHT DIFFERENCE (m)		30
CHARGE R410A (kg)		3.0

³ Three Phase

Notes: All units charged to 7m (35-71), 30m (100-140) pipe length. High efficiency filter optional.



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Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning and heat pump systems contain fluorinated greenhouse gases R410A, R407C and R134a.



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 to the environment



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Effective as of April 2015