

Air Conditioning

Product Information

PCA-RP100KAQ (Single Phase)
Power Inverter Heat Pump
Ceiling Suspended System

Making a
World of
Difference

mr.slim™



Our wide range of Power Inverters offer customers high seasonal efficiency, advanced control options and quiet operation, whilst providing greater flexibility and ease of installation.

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

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PCA-RP - INDOOR UNITS		PCA-RP100KAQ
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-14.0)
	Cooling (nominal)	9.5 (4.9-11.4)
	Heating (UK)	9.5 (3.85-11.9)
	Cooling (UK)	9.2 (4.5-10.5)
SHF (nominal & UK)		0.77
COP / EER (nominal)		3.68 / 3.93
SCOP / SEER (BS EN14825)		3.9 / 6.0
E.P. 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

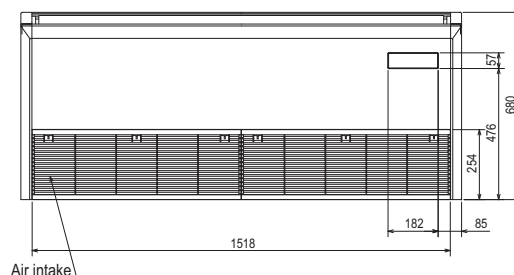
PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP100VKA2
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	51 / 49
	Cooling	69
WEIGHT (kg)		116
DIMENSIONS (mm)		Width x Depth x Height 1050 x 330 + 40 x 1338
ELECTRICAL SUPPLY		220-240v, 50Hz
PHASE		Single
SYSTEM POWER	Heating/Cooling (nominal)	3.04 / 2.42
	Heating/Cooling (UK)	2.43 / 2.08
STARTING CURRENT (A)		12.0
SYSTEM RUNNING CURRENT (A)		Heating/Cooling [MAX] 11.36 / 11.27 [27.2]
FUSE RATING (BS88) - HRC (A)		32
MAINS CABLE No. Cores		3
MAX PIPE LENGTH (m)		75
MAX HEIGHT DIFFERENCE (m)		30
CHARGE R410A (kg) - 30m		3.5

Note: High efficiency filter is optional

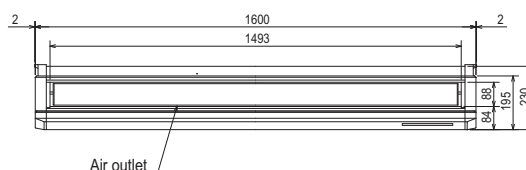


DIMENSIONS

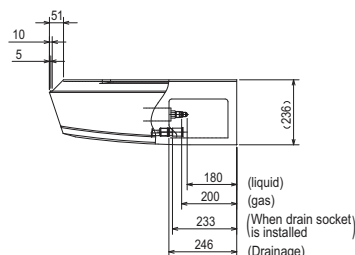
Front View



Upper View



Back View



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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