

# Air Conditioning

## Product Information

**PCA-RP140KAQ** (Three Phase)  
**Power Inverter Heat Pump**  
Ceiling Suspended System

Making a  
World of  
Difference

mr.slm™



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-RP140KAQ (Three Phase) Power Inverter Heat Pump Ceiling Suspended System

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PCA-RP - INDOOR UNITS		PCA-RP140KAQ
CAPACITY (kW)	Heating (nominal)	16.0 (5.7-18.0)
	Cooling (nominal)	13.4 (6.2-15.0)
	Heating (UK)	13.6 (4.85-15.3)
	Cooling (UK)	12.3 (5.7-13.8)
SHF (nominal & UK)		0.72
COP / EER (nominal)		3.50 / 3.39
SCOP / SEER (BS EN14825)		4.4 / 5.2
EP ENERGY EFFICIENCY CLASS Heating/Cooling		N/A
AIRFLOW (l/s) Lo-Mi1-Mi2-Hi		400-433-483-533
PIPE SIZE mm (in) Gas/Liquid		15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA) Lo-Mi1-Mi2-Hi		41-43-45-48
SOUND POWER LEVEL (dBA)		68
DIMENSIONS (mm) Width x Depth x Height		1600 x 680 x 230
WEIGHT (kg)		39
ELECTRICAL SUPPLY		Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6
INTERCONNECTING CABLE No. Cores		4

PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP140YKA2 ③ Three Phase
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		52 / 50
SOUND POWER LEVEL (dBA) Cooling		70
WEIGHT (kg)		131
DIMENSIONS (mm) Width x Depth x Height		1050 x 330 + 40 x 1338
ELECTRICAL SUPPLY		380-415v, 50Hz
PHASE		Three
SYSTEM POWER	Heating/Cooling (nominal)	4.57 / 3.95
	Heating/Cooling (UK)	4.07 / 3.36
INPUT (kW)		
STARTING CURRENT (A)		4.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		8.04 / 7.51 [13.9]
FUSE RATING (BS88) - HRC (A)		16
MAINS CABLE No. Cores		5
MAX PIPE LENGTH (m)		75
MAX HEIGHT DIFFERENCE (m)		30
CHARGE R410A (kg) - 30m		5.0

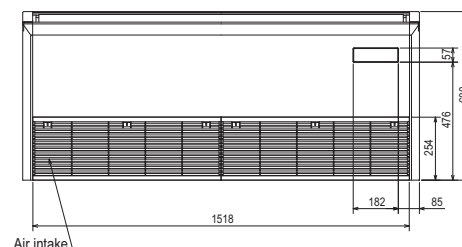
③ Three Phase

Note: High efficiency filter is optional

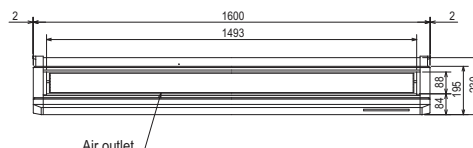


## DIMENSIONS

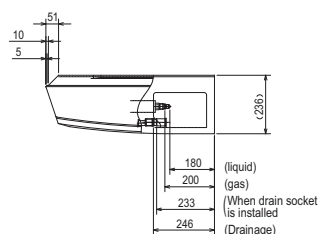
Front View



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.



[www.greengateway.mitsubishielectric.co.uk](http://www.greengateway.mitsubishielectric.co.uk)

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Effective as of April 2015