



# Celsius

air conditioning



## PEAD-RP100JA

Power Inverter Heat Pump

R410A Ceiling Concealed Ducted System

Advanced inverter technology makes the Mr Slim Power Inverter the number one choice for improving comfort. They provide energy savings of up to 70% annually when compared to a previous non-inverter model. Operating noise has also been reduced thanks to improvements in fan design, while existing pipe work is reusable for easier maintenance and installation.



Pictures not to scale

## Product Details

### PEAD-RP100JA Indoor Unit

Capacity (kW):	
Heating (Nominal) (Low - High)	11.20 (4.50 - 14.00)
Cooling (Nominal) (Low - High)	10.00 (4.90 - 11.40)
Heating (UK) (Low - High)	9.50 (3.85 - 11.90)
Cooling (UK) (Low - High)	9.20 (4.50 - 10.50)
SHF R410A (Nominal)	0.82
COP / EER (Nominal)	4.12 / 3.61
Energy Label Heating / Cooling	A / A
Width - mm	1400
Depth - mm	732
Height - mm	250
Weight - kg	41
Airflow (m <sup>3</sup> /min) - Lo-Mi-Hi	24-29-34
External Static Pressure Pa - Lo-Mid-Hi	35-70-150
Noise (dBA) - Lo-Mi-Hi	29-34-38
Pipe Size Gas mm (in)	15.88 (5/8)
Pipe Size Liquid mm (in)	9.52 (3/8)
Electrical Supply	Fed by Outdoor Unit
Phase	Single
Fuse Rating (BS88) - HRC (A)	6
Interconnecting Cable No. Cores	4

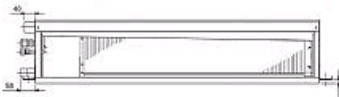
### PUHZ-RP100VKA Outdoor Unit

Width - mm	1050
Depth - mm	330+30
Height - mm	1338
Weight - kg	116
Noise (dBA) (Heating /Cooling) - Lo-Hi	51 /46-49
Electrical Supply	220-240v, 50Hz
Phase	Single
Fuse Rating (BS88) - HRC (A)	32
SystemPower Input (kW) - Heating (Nominal)	2.72
SystemPower Input (kW) - Cooling (Nominal)	2.77
SystemPower Input (kW) - Heating (UK)	2.42
SystemPower Input (kW) - Cooling (UK)	2.35
Starting Current (A)	5
SystemRunning Current (A) - Heating / Cooling	12.73 / 12.98
Mains Cable No. Cores	3
Max Pipe Length (m)	75
Max Height Difference (m)	30
Charge (kg) - 30m	5

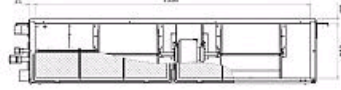
## Dimensions

### PEAD-RP100JA

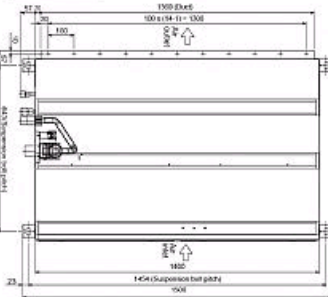
Front View >



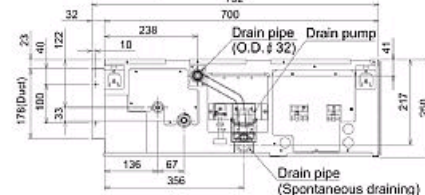
Rear View >



Upper View >

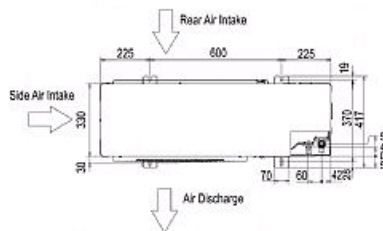


Side View >

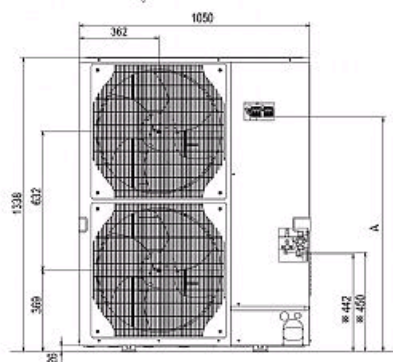


### PUHZ-RP100VKA

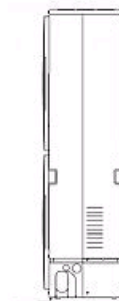
Upper View >



Front View >



Right Side View >



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Mitsubishi Electric reserves the right to make any variation in technical specification to the equipment described, or to withdraw or replace products without prior notification or public announcement.