

Air Conditioning

Product Information

PKA-RP100KAL (Three Phase)
Zubadan Inverter Heat Pump
Wall Mounted System

Making a
World of
Difference

Mr.SLIM™



The Mr Slim Zubadan Inverter heat pumps achieve an excellent heating performance even when the outdoor air temperature is as low as -25°C.

ZUBADAN

Key Features

- Flat panel, compact indoor unit design
- Stable heating performance - Full heating capacity at -15°C, a 30% capacity improvement over the next size up Power Inverter
- Expanded heating operation - Will work effectively even when the outdoor ambient air temperature is -25°C
- Stable operation - Utilising the flash injection circuit, the Zubadan models have reduced defrost times and can provide continuous heating for up to 150 mins
- Quick start-up - At -20°C, max heating capacity is achieved in about 20 mins, improving comfort levels



Air Conditioning | Heating
Ventilation | Controls

Air Conditioning

Product Information

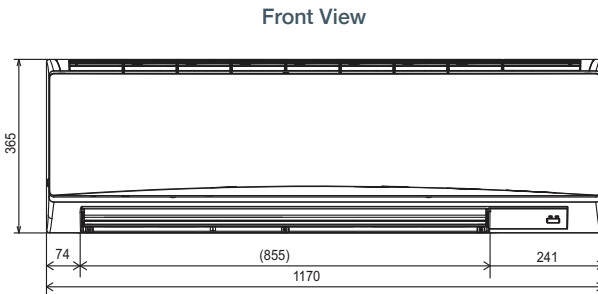
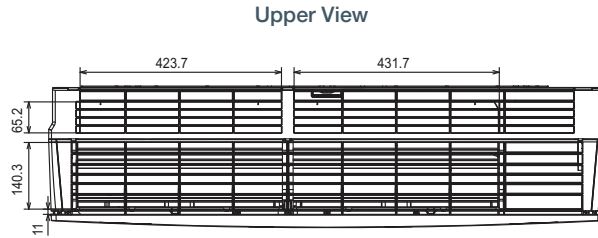
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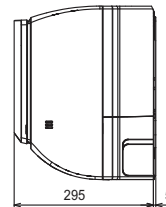
PKA-RP - INDOOR UNITS		PKA-RP100KAL
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-14.0)
	Cooling (nominal)	10.0 (4.9-11.4)
	Heating (UK)	11.1 (4.45-13.85)
	Cooling (UK)	9.2 (4.5-10.5)
SHF (nominal & UK)		0.73
COP / EER (nominal)		3.61 / 3.42
SCOP / SEER		3.8 / 5.2
E.P ENERGY EFFICIENCY CLASS Heating/Cooling		A / A
AIRFLOW (l/s)	Lo-Mi-Hi	333-383-433
PIPE SIZE mm (in)	Gas	15.88 (5/8")
	Liquid	9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	41-45-49
SOUND POWER LEVEL (dBA)		65
DIMENSIONS (mm) Width x Depth x Height		1170 x 295 x 365
WEIGHT (kg)		21
ELECTRICAL SUPPLY		Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6
INTERCONNECTING CABLE No. Cores		4

PUHZ-SHW - OUTDOOR UNITS		PUHZ-SHW112YHA
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		52 / 51
SOUND POWER LEVEL (dBA) Heating/Cooling		69
WEIGHT (kg)		134
DIMENSIONS (mm) Width x Depth x Height		950 x 330 + 30 x 1350
ELECTRICAL SUPPLY		380-415v, 50Hz
PHASE		Three
SYSTEM POWER Heating/Cooling (nominal)		3.10 / 2.92
INPUT (kW) Heating/Cooling (UK)		2.76 / 2.49
STARTING CURRENT (A)		3
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		4.24 / 4.26 [13.6]
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		5.5

DIMENSIONS



Side 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