Air Conditioning

Product Information

PEA-RP R410A Large Capacity
Ceiling Concealed Ducted System
Standard Inverter Heat Pump (Three Phase)

Making a World of Difference

Mr.SLIM





The **PEA-RP Standard Inverter** range is a ceiling concealed ducted system that blends a host of outstanding features with an unobtrusive design for easy installation and maintenance. Offering advanced control options and quiet operation, this range provides extreme flexibility and ease of installation whilst being cost effective.

Key Features

- Single phase indoor unit
- DC Fan Motor
- Reduced indoor power input (compared to PEA-RP-GAQ)
- Three fan speeds as standard
- Four static pressure settings of up to 150Pa
- Reduced indoor noise level (compared to PEA-RP-GAQ)
- ErP lot 6 and 30 compliant
- Long pipe runs of up to 70m
- Flexible ducting design

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Cooling | Heating | Ventilation | Controls

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PEA-RP - INDOOR UNITS		PEA-RP200WKA	PEA-RP250WKA
CAPACITY (kW)	Heating (nominal)	22.4 (9.5-25.0)	27.0 (12.5-31.0)
	Cooling (nominal)	19.0 (9.0-22.4)	22.0 (11.2-27.0)
	Heating (UK)	19.05 (8.1-21.25)	22.95 (10.65-26.35)
	Cooling (UK)	17.5 (8.3-20.6)	20.25 (10.3-24.85)
SHF (nominal)		0.81	0.86
COP / EER (nominal)		3.30 / 3.02	3.10 / 2.70
SCOP (ηsh) / SEER (ηsc) (BS EN14825)		3.36 (134.4%) / 4.86 (194.5%)	3.35 (133.9%) / 4.59 (183.7%)
AIRFLOW (l/s)	Lo-Mi-Hi	833-1017-1200	967-1183-1400
PIPE SIZE mm (in)	Gas	28.58 (1 1/8")	28.58 (1 1/8")
	Liquid	9.52 (3/8")	12.7 (1/2")
EXTERNAL STATIC PRESSURE (Pa)		60 / 75 / 100 / 150	60 / 75 / 100 / 150
SOUND PRESSURE LEVEL (dBA) (60Pa)	Lo-Mi-Hi	38-41-44	40-43-46
SOUND POWER LEVEL (dBA) (60Pa)	Lo-Mi-Hi	65-66-67	70-71-72
DIMENSIONS (mm)	Width x Depth x Height	1370 x 1120 x 470	1370 x 1120 x 470
WEIGHT (kg)		108	108
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single
POWER INPUT (kW)	Nominal / UK	0.66 / 0.59	0.80 / 0.71
STARTING CURRENT (A)		7.1	7.1
RUNNING CURRENT (A)	[MAX]	3.57 [4.3]	4.34 [5.5]
FUSE RATING (BS88) - HRC (A)		16	16
MAINS CABLE No. Cores		3	3
INTERCONNECTING CABLE No. Cores		3	3
WIRED REMOTE CONTROLLER REFERENCE		PAR-33MAA	PAR-33MAA

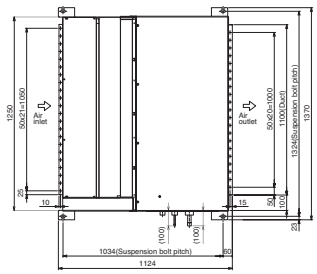
PUHZ-P - OUTDOOR UNITS		PUHZ-P200YKA3 [3]	PUHZ-P250YKA3 [3]
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	60 / 58	62 / 59
WEIGHT (kg)		127	135
DIMENSIONS (mm)	Width x Depth x Height	1050 x 330+40 x 1338	1050 x 330+40 x 1338
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	6.78 / 6.29	8.70 / 8.14
	Heating/Cooling (UK)	6.10 / 5.22	7.83 / 6.75
STARTING CURRENT (A)		5	5
RUNNING CURRENT (A)	Heating/Cooling [MAX]	11.45 / 11.04 [19]	14.04 / 13.04 [21]
FUSE RATING (BS88) - HRC (A)		32	32
MAINS CABLE No. Cores		5	5
MAX PIPE LENGTH (m)		70	70
MAX HEIGHT DIFFERENCE (m)		30	30
CHARGE REFRIGERANT (kg) / CO_2 EQUIVALENT (t) R410A (GWP 2088) - 30m		6.50 / 13.57	7.70 / 16.08
MAX ADDITIONAL REFRIGERANT (kg) / CO_2 EQUIVALENT (t) R410A (GWP 2088)		3.60 / 7.52 (70m)	4.80 / 10.02 (70m)

[3] Three Phase

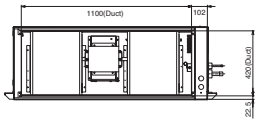
PRODUCT DIMENSIONS

PEA-RP200/250WKA

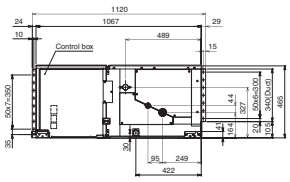
Upper View



Right Side View



Left Side View



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Changes for the Better

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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 equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774) or R134a (GWP:1430). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP:1975), R32 (GWP: 550), R407C (GWP:1650) or R134a (GWP:1300).

Effective as of January 2018