Product Information

Air Conditioning

PLA-ZP Zubadan Inverter Heat Pump 4-Way Blow Ceiling Cassette System Making a World of Difference

The new 4-Way Cassette features a square grille design and when combined with our range of **Zubadan Inverters** achieves an excellent heating performance even when the outdoor air temperature is as low as -25°C.





Key Features

- New square design grille
- Optional 3D i-see sensor grille (PLP-6EAE grille)
- Optional filter lowering operation down to 4m (PLP-6EAJ grille) coming 2017
- 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 a Flash Injection Circuit, the Zubadan models have reduced defrost time and can provide continuous heating for up to 150 mins



Air Conditioning | Heating Ventilation | Controls

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Making a World of Difference



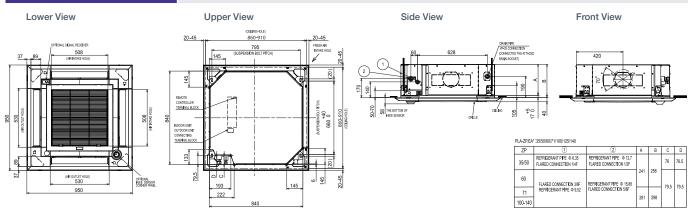




PLA-ZP - INDC	ORUNITS	PLA-ZP100EA	PLA-ZP100EA	PLA-ZP125EA
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-14.0)	11.2 (4.5-14.0)	14.0 (5.0-16.0)
	Cooling (nominal)	10.0 (4.9-11.4)	10.0 (4.9-11.4)	12.5 (5.5-14.0)
	Heating (UK)	9.5 (3.85-11.9)	9.5 (3.85-11.9)	11.9 (4.25-13.6)
	Cooling (UK)	9.2 (4.5-10.5)	9.2 (4.5-10.5)	11.5 (5.05-12.9)
SHF (nominal & UK)		-	-	-
COP / EER (nominal)		4.2 / 3.5	4.2 / 3.5	3.5 / 2.5
SCOP / SEER (BS EN1	4825)	4.0 / 5.5	4.0 / 5.5	3.5 / 5.1
ErP ENERGY EFFICIENCY C	LASS Heating/Cooling	A/A	A / A	N/A
AIRFLOW (I/s)	Lo-Mi1-Mi2-Hi	317-367-417-467	317-367-417-467	350-400-433-483
PIPE SIZE mm (in)	Gas/Liquid	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (c	IBA) Lo-Mi1-Mi2-Hi	31-34-37-40	31-34-37-40	33-36-39-41
SOUND POWER LEVEL (dB/	A)	61	61	62
DIMENSIONS (mm)	Width x Depth x Height (Grille)	840 (950) x 840 (950) x 298 (40)	840 (950) x 840 (950) x 298 (40)	840 (950) x 840 (950) x 298 (40)
NEIGHT (kg)	Unit / Panel	26 / 5	26 / 5	26 /5
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - H	IRC (A)	6	6	6
NTERCONNECTING (CABLE No. Cores	4	4	4
GRILLE REFERENCE		PLP-6EA	PLP-6EA	PLP-6EA
WIRED REMOTE CON	TROLLER REFERENCE	PAR-32MAA	PAR-32MAA	PAR-32MAA

PUHZ-SHW - OUTDOOR UNITS	PUHZ-SHW112VHA	PUHZ-SHW112YHA - Three Phase	PUHZ-SHW140YHA - Three Phase
SOUND PRESSURE LEVEL (dBA) Heating/Cooling	52 / 51	52 / 51	52 / 51
SOUND POWER LEVEL (dBA) Cooling	69	69	69
WEIGHT (kg)	120	134	134
DIMENSIONS (mm) Width x Depth x Height	950 x 330 + 30 x 1350	950 x 330 + 30 x 1350	950 x 330 + 30 x 1350
ELECTRICAL SUPPLY	220-240v, 50Hz	380-415, 50Hz	380-415, 50Hz
PHASE	Single	Three	Three
SYSTEM POWER Heating/Cooling (nominal)	2.68 / 2.79	2.68 / 2.79	3.88 / 4.45
INPUT (kW) Heating/Cooling (UK)	2.37 / 2.37	2.37 / 2.37	3.45 / 3.78
STARTING CURRENT (A)	14	3	3
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]	11.94 / 11.84 [35]	4.40 / 4.43 [13]	5.62 / 5.72 [13]
FUSE RATING (BS88) - HRC (A)	40	16	16
MAINS CABLE No. Cores	3	5	5
MAX PIPE LENGTH (m)	75	75	75
MAX HEIGHT DIFFERENCE (m)	30	30	30
CHARGE R410A (kg) - 30m	5.5	5.5	5.5

Product Dimensions





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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 electrical velocitrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Misubishi Electrics air conditioning and heat pump systems contain fluorinated greenhouse gases R410A, R407C and R134a.



Mitsubishi Electric UK's commitment to the environment



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