

Air Conditioning

Product Information

PLA-ZRP Power Inverter Heat Pump

4-Way Blow Ceiling Cassette System (Single Phase)

Making a
World of
Difference



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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.



Air Conditioning | Heating
Ventilation | Controls

Key Features

- Swing Vane Mode with Auto Vane Shutter
- Auto-Restart
- Quiet operation
- 72 different airflow patterns - 2, 3 or 4 way discharge
- High ceiling compatibility through wide flow air outlets
- Auto-Changeover
- Hot Start - draught prevention
- Factory charged refrigerant up to 30m
- Long-life filter with optional high efficiency filter also available
- Drain lift pump as standard
- Fresh air knockout
- Ceiling soiling prevention
- Replace Technology available
- Refrigerant volume check function
- Optional I-See Sensor
- Duty Standby Operation
- Optional Demand Control
- Optional Noise Reduction
- Optional Heating Only



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PLA-ZRP - INDOOR UNITS		PLA-ZRP35BA	PLA-ZRP50BA	PLA-ZRP60BA	PLA-ZRP71BA	PLA-ZRP100BA	PLA-ZRP125BA2	PLA-ZRP140BA
CAPACITY (kW)	Heating (nominal)	4.1 (1.6-5.2)	6.0 (2.5-7.3)	7.0 (2.8-8.2)	8.0 (3.5-10.2)	11.2 (4.5-14.0)	14.0 (5.0-16.0)	16.0 (5.7-18.0)
	Cooling (nominal)	3.6 (1.6-4.5)	5.0 (2.3-5.6)	6.1 (2.7-6.5)	7.1 (3.3-8.1)	10.0 (4.9-11.4)	12.5 (5.5-14.0)	13.4 (6.2-15.0)
	Heating (UK)	3.5 (1.35-4.4)	5.1 (2.15-6.2)	6.0 (2.48-5.98)	6.8 (3.0-8.65)	9.5 (3.85-11.9)	11.9 (4.25-13.6)	13.6 (4.85-15.3)
	Cooling (UK)	3.3 (1.45-4.15)	4.6 (2.1-5.15)	5.6 (2.38-6.97)	6.55 (3.05-7.45)	9.2 (4.5-10.5)	11.5 (5.05-12.9)	12.9 (5.7-14.1)
SHF (nominal & UK)		0.96	0.84	0.77	0.85	0.74	0.74	0.72
COP / EER (nominal)		4.77 / 4.56	3.82 / 3.50	3.43 / 3.43	4.02 / 4.01	4.29 / 3.85	3.81 / 3.23	3.40 / 3.07
SCOP / SEER (BSEN14825)		4.6 / 6.8	4.6 / 6.4	4.2 / 6.1	4.5 / 6.7	4.6 / 6.5	4.1 / 6.0	4.5 / 6.1
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A++ / A++	A++ / A+	A+ / A++	A+ / A++	A++ / A++	N/A	N/A
AIRFLOW (m³/min)	Lo-Mi-Mi2-Hi	11-13-15-16	12-14-16-18	12-14-16-18	17-19-21-23	20-23-26-30	22-25-28-31	24-26-29-32
PIPE SIZE mm (in)	Gas/Liquid	12.7 (1/2") / 6.35 (1/4")	12.7 (1/2") / 6.35 (1/4")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	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 (dBA)	Lo-Mi-Mi2-Hi	27-28-29-31	28-29-31-32	28-29-31-32	28-30-32-34	32-34-37-40	34-36-39-41	36-39-42-44
SOUND POWER LEVEL (dBA)		54	55	55	58	65	66	70
DIMENSIONS (mm)	Width x Depth x Height (Grille)	840 (950) x 840 (950) x 258 (35)	840 (950) x 840 (950) x 258 (35)	840 (950) x 840 (950) x 258 (35)	840 (950) x 840 (950) x 298 (35)	840 (950) x 840 (950) x 298 (35)	840 (950) x 840 (950) x 298 (35)	840 (950) x 840 (950) x 298 (35)
WEIGHT (kg)	Unit / Panel	23 / 6	23 / 6	23 / 6	25 / 6	26 / 6	27 / 6	27 / 6
ELECTRICAL SUPPLY		Fed by Outdoor Unit Fed by Outdoor Unit Fed by Outdoor Unit Fed by Outdoor Unit Fed by Outdoor Unit Fed by Outdoor Unit Fed by Outdoor Unit						
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4	4
GRILLE REFERENCE		PLP-6BA	PLP-6BA	PLP-6BA	PLP-6BA	PLP-6BA	PLP-6BA	PLP-6BA
WIRED REMOTE CONTROLLER REFERENCE		PAR-31MAA	PAR-31MAA	PAR-31MAA	PAR-31MAA	PAR-31MAA	PAR-31MAA	PAR-31MAA

PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP35VKA	PUHZ-ZRP50VKA	PUHZ-ZRP60VHA	PUHZ-ZRP71VHA	PUHZ-ZRP100VKA	PUHZ-ZRP125VKA	PUHZ-ZRP140VKA
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	46 / 44	46 / 44	48 / 47	48 / 47	51 / 49	52 / 50	52 / 50
SOUND POWER LEVEL (dBA)	Cooling	65	65	67	67	69	70	70
WEIGHT (kg)		43	46	67	67	116	116	119
DIMENSIONS (mm)	Width x Depth x Height	809 x 300 x 630	800 x 300 x 630	950 x 330 x 943	950 x 330 x 943	1050 x 330 x 1338	1050 x 330 x 1338	1050 x 330 x 1338
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	0.86 / 0.79	1.57 / 1.43	2.04 / 1.90	1.99 / 1.77	2.61 / 2.60	3.67 / 3.87	4.70 / 4.37
	Heating/Cooling (UK)	0.77 / 0.67	1.40 / 1.22	1.71 / 1.51	1.77 / 1.50	2.32 / 2.21	3.27 / 3.29	4.18 / 3.71
STARTING CURRENT (A)		4.0	5.0	5.0	6.0	12.0	12.0	12.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	4.17 / 3.82 [13.3]	7.13 / 6.49 [13.3]	9.14 / 7.98 [19.3]	8.80 / 7.81 [19.5]	11.90 / 11.87 [27.2]	16.37 / 17.30 [27.3]	21.14 / 19.75 [29.1]
FUSE RATING (BS88) - HRC (A)		16	16	25	25	32	32	40
MAINS CABLE No. Cores		3	3	3	3	3	3	3
MAX PIPE LENGTH (m)		50	50	50	50	75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30	30
CHARGE R410A (kg) - 30m		2.2	2.4	3.5	3.5	5.0	5.0	5.0



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Mitsubishi Electric's commitment to the environment

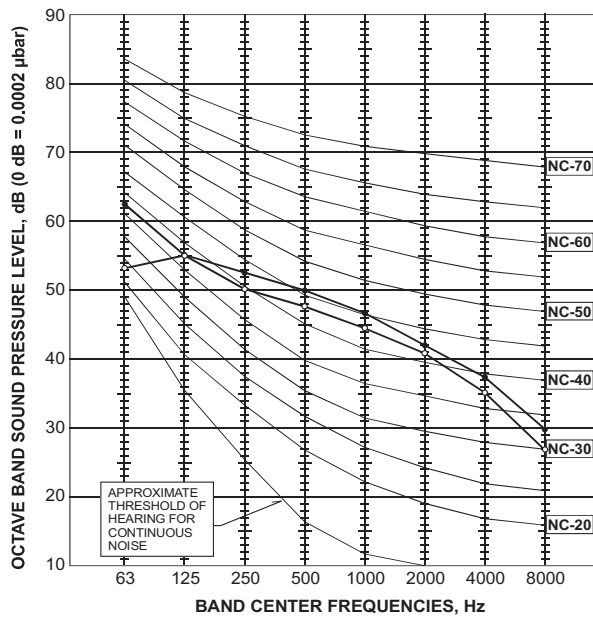
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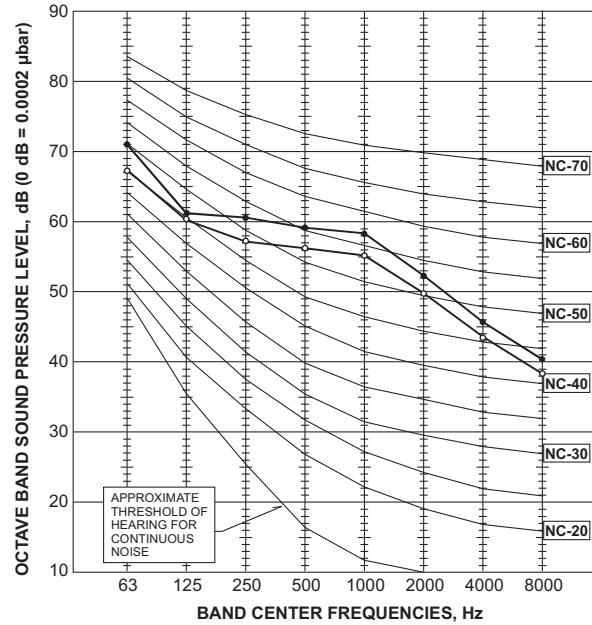
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PUHZ-ZRP125/140VKA2
PUHZ-ZRP125/140YKA2

MODE	SPL(dB)	LINE
COOLING	50	○—○
HEATING	52	●—●

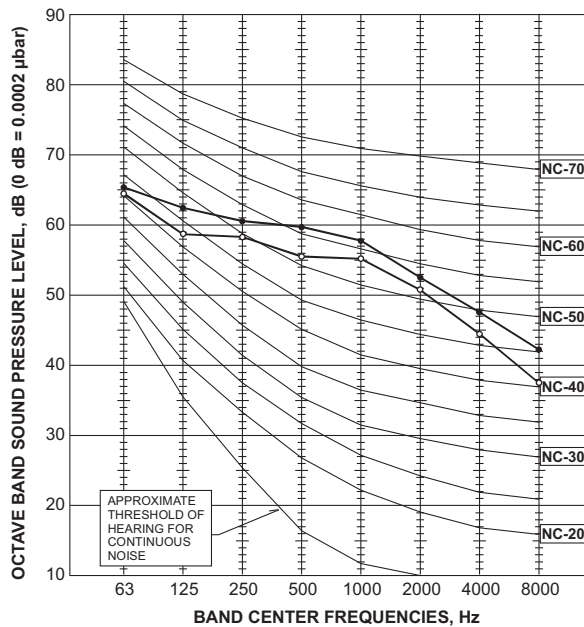

PUHZ-ZRP200YKA

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●

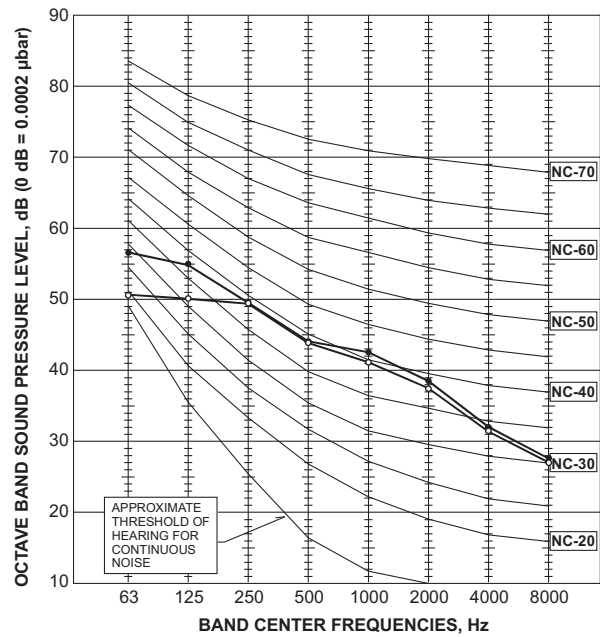

 NOISE CRITERIA CURVES
 OUTDOOR UNIT

PUHZ-ZRP250YKA

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●


PUHZ-FRP71VHA

MODE	SPL(dB)	LINE
ATA Cooling	47	○—○
ATA Heating	48	●—●


<Notes>

- 1) Sound data is taken when the system is running stably.
- 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.