



## PLA-ZRP Power Inverter Heat Pump

### 4-Way Blow Ceiling Cassette System (Three Phase)

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.



LIVING ENVIRONMENTAL SYSTEMS

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

# Air Conditioning

## Product Information

### PLA-ZRP Power Inverter Heat Pump 4-Way Blow Ceiling Cassette System (Three Phase)

Making a  
World of  
Difference



PLA-ZRP - INDOOR UNITS		PLA-ZRP100BA	PLA-ZRP125BA	PLA-ZRP140BA
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-14.0)	14.0 (5.0-16.0)	16.0 (5.7-18.0)
	Cooling (nominal)	10.0 (4.9-11.4)	12.5 (5.5-14.0)	13.4 (6.2-15.0)
	Heating (UK)	9.5 (3.85-11.9)	11.9 (4.25-13.6)	13.6 (4.85-15.3)
	Cooling (UK)	9.2 (4.5-10.5)	11.5 (5.05-12.9)	12.9 (5.7-14.1)
SHF (nominal & UK)		0.74	0.74	0.72
COP / EER (nominal)		4.29 / 3.85	3.81 / 3.23	3.40 / 3.07
SCOP / SEER (BS EN14825)		4.6 / 6.4	4.1 / 5.9	4.5 / 6.0
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A++ / A++	N/A	N/A
AIRFLOW (m³/min)	Lo-Mi-Mi2-Hi	20-23-26-30	22-25-28-31	24-26-29-32
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 (dBA)	Lo-Mi-Mi2-Hi	32-34-37-40	34-36-39-41	36-39-42-44
SOUND POWER LEVEL (dBA)		65	66	70
DIMENSIONS (mm)	Width x Depth x Height (Grille)	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	26 / 6	27 / 6	27 / 6
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4
GRILLE REFERENCE		PLP-6BA	PLP-6BA	PLP-6BA
WIRED REMOTE CONTROLLER REFERENCE		PAR-31MAA	PAR-31MAA	PAR-31MAA

PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP100YKA Three Phase	PUHZ-ZRP125YKA Three Phase	PUHZ-ZRP140YKA Three Phase
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	51 / 49	52 / 50	52 / 50
SOUND POWER LEVEL (dBA)	Cooling	69	70	70
WEIGHT (kg)		124	126	132
DIMENSIONS (mm)	Width x Depth x Height	1050 x 330 + 30 x 1338	1050 x 330 + 30 x 1338	1050 x 330 + 30 x 1338
ELECTRICAL SUPPLY		380-415v,50Hz	380-415v,50Hz	380-415v,50Hz
PHASE		Three	Three	Three
SYSTEM POWER	Heating/Cooling (nominal)	2.61 / 2.60	3.67 / 3.87	4.70 / 4.37
INPUT (kW)	Heating/Cooling (UK)	2.32 / 2.21	3.27 / 3.29	4.18 / 3.71
STARTING CURRENT (A)		4.0	4.0	4.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	4.82 / 4.84 [8.7]	6.25 / 6.64 [10.3]	8.09 / 7.68 [12.1]
FUSE RATING (BS88) - HRC (A)		16	16	16
MAINS CABLE No. Cores		5	5	5
MAX PIPE LENGTH (m)		75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30
CHARGE R410A (kg) - 30m		5.0	5.0	5.0

③ Three Phase



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