

# PLA-ZRP Power Inverter Heat Pump (Single Phase)

## 4-Way Blow Ceiling Cassette System

### Key Features

- Airflow controllable for ceiling heights up to 4.2m, with automatic adjustment of fan speed
- Reduced draft air distribution, with independent vane control
- Filter lowering operation down to 4m (optional PLP-6BAJ grille required)
- Optional 'i-see sensor' for energy saving and smooth temperature control throughout the room



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)	5.6 (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)	6.0 (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
EP 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 (850) x 840 (850) x 258 (35)	840 (850) x 840 (850) x 258 (35)	840 (850) x 840 (850) x 258 (35)	840 (850) x 840 (850) x 298 (35)	840 (850) x 840 (850) x 298 (35)	840 (850) x 840 (850) x 298 (35)	840 (850) x 840 (850) 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 + 30 x 943	950 x 330 + 30 x 943	1050 x 330 + 30 x 1338	1050 x 330 + 30 x 1338	1050 x 330 + 30 x 1338
FI 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	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
INPUT (kW)	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

Note: Indoor price includes separate PLP-6BA grille and PAR-31MAA wired remote controller.