PLA-RP Power Inverter Heat Pump

4-Way Blow Ceiling Cassette System

- Airflow controllable for ceiling heights up to 4.2m, with automatic adjustment of fan speed
- Reduced draft air distribution, with independentvane 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





R410A

Qualified for Energy Technology List

POWER INVERTER

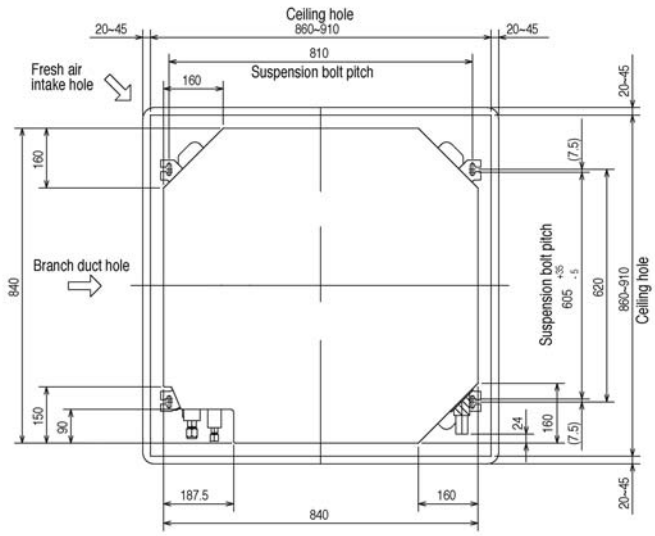
Technical Information

PLA-RP - INDOOR UNITS								
MODEL REFERENCE		**PLA-RP35BA**	**PLA-RP50BA**	**PLA-RP60BA**	**PLA-RP71BA2**	**PLA-RP100BA3**	**PLA-RP125BA2**	**PLA-RP140BA2**
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)	6.0 (2.7-6.7)	7.1 (3.3-8.1)	10.0 (4.9-11.4)	12.5 (5.5-14.0)	14.0 (6.2-15.3)
	Heating (UK)	3.5 (1.35-4.4)	5.1 (2.15-6.2)	5.95 (2.4-6.95)	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)	5.5 (2.5-6.15)	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)		0.84	0.81	0.76	0.73	0.74	0.71	0.71
COP / EER (nominal)		3.66 / 3.36	3.61 / 3.23	3.85 / 3.75	4.21 / 3.74	4.61 / 4.18	4.00 / 3.41	3.70 / 3.21
ENERGY LABEL	Heating/Cooling	A / A	A / A	A / A	A / A	A / A	A / A	A / A
AIRFLOW (m^3/min)	Lo-Mi-Mi2-Hi	11-12-13-15	12-14-16-18	12-14-16-18	14-16-18-21	20-23-26-30	22-25-28-31	24-26-29-32
PIPE SIZE mm(in)	Gas	12.7 (1/2")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Liquid	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
NOISE (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
DIMENSIONS (mm)	Width	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)
(Grille)	Depth	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)
	Height	258 (35)	258 (35)	258 (35)	258 (35)	298 (35)	298 (35)	298 (35)
WEIGHT (kg)	Unit	22	22	23	23	26	27	27
	Panel	6	6	6	6	6	6	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
PHASE		Single	Single	Single	Single	Single	Single	Single
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-21MAA	PAR-21MAA	PAR-21MAA	PAR-21MAA	PAR-21MAA	PAR-21MAA	PAR-21MAA

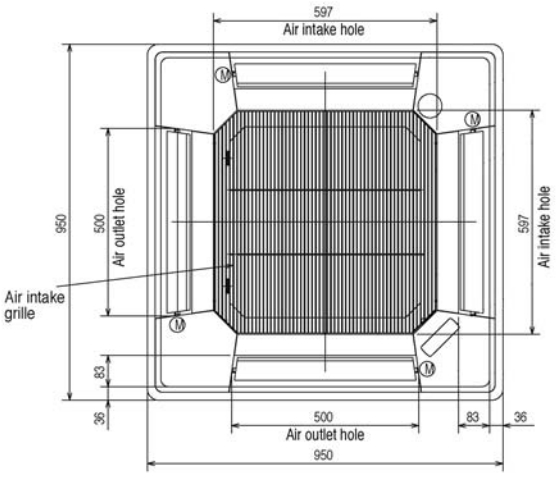
PUHZ-RP - OUTDOOR UNITS								
MODEL REFERENCE		**PUHZ-RP35VHA4**	**PUHZ-RP50VHA4**	**PUHZ-RP60VHA4**	**PUHZ-RP71VHA4**	**PUHZ-RP100VKA/YKA**	**PUHZ-RP125VKA/YKA**	**PUHZ-RP140VKA/YKA**
NOISE (dBA)	Heating/Cooling (silent)	46 / 44 (41)	46 / 44 (41)	48 / 47 (44)	48 / 47 (44)	51 / 49 (46)	52 / 50 (47)	52 / 50 (47)
WEIGHT (kg)		42	42	67	67	116 / 124	116 / 126	118 / 132
DIMENSIONS (mm)	Width	800	800	950	950	1050	1050	1050
	Depth	300 + 23	300 + 23	330 + 30	330 + 30	330 + 30	330 + 30	330 + 30
	Height	600	600	943	943	1338	1338	1338
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz / 380-415,50Hz	220-240v, 50Hz / 380-415,50Hz	220-240v, 50Hz / 380-415,50Hz
PHASE		Single	Single	Single	Single	Single / 3	Single / 3	Single / 3
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	1.12 / 1.07	1.66 / 1.55	1.82 / 1.60	1.90 / 1.90	2.43 / 2.39	3.50 / 3.67	4.32 / 4.36
	Heating/Cooling (UK)	1.00 / 0.91	1.48 / 1.32	1.62 / 1.36	1.69 / 1.62	2.16 / 2.03	3.12 / 3.12	3.84 / 3.71
STARTING CURRENT (A)		5	5	5	5	5	5	5
SYSTEM RUNNING CURRENT (A) Single Phase		5.15 / 4.98 [13.2]	7.62 / 7.08 [13.4]	8.34 / 7.31 [19.4]	8.76 / 8.71 [19.5]	11.26 / 11.04 [27.5]	16.02 / 16.73 [27.5]	19.76 / 19.90 [29.1]
Heating/Cooling [MAX]	3 Phase	-	-	-	-	4.59 / 4.51 [9]	6.26 / 6.51 [10.5]	7.61 / 7.66 [12.1]
FUSE RATING (BS88) - HRC (A)		16	16	20	20	32 / 10	32 / 16	32 / 16
MAINS CABLE No. Cores		3	3	3	3	3 / 5	3 / 5	3 / 5
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		2.5	2.5	3.5	3.5	5.0	5.0	5.0

INDOOR UNIT PLA-RP35-140BA(2)(3)

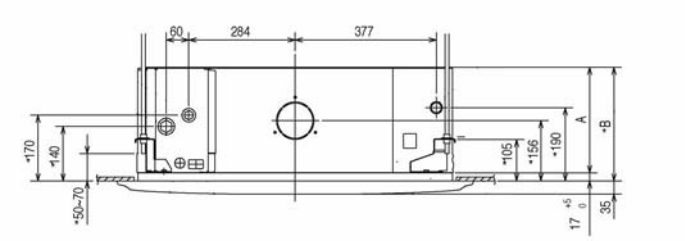
Upper View >



Lower View >



Side View >



Models	A	B
Size 35-71	241	258
Size 100-140	281	298