

# PKA-RP Power Inverter Heat Pump

## R410A Wall Mounted System

New Models

- > Adjustable louvres for uniform air distribution
- > Internal pipe connection to wall mounted unit for easy and neat installation



Technical Information >>

### PKA-RP - INDOOR UNITS

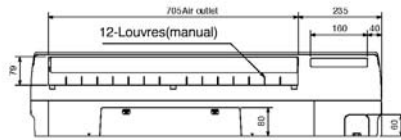
MODEL REFERENCE		PKA-RP35GAL	PKA-RP50GAL	PKA-RP60FAL	PKA-RP71FAL	PKA-RP100FAL
CAPACITY (kW)	Heating (nominal)	4.1 (1.6-5.2)	4.5 (2.5-6.2)	7.0 (2.8-8.2)	8.0 (3.5-10.2)	11.2 (4.5-14.0)
	Cooling (nominal)	3.6 (1.6-4.5)	4.6 (2.3-5.4)	6.0 (2.7-6.7)	7.1 (3.3-8.1)	10.0 (4.9-11.4)
	Heating (UK)	3.5 (1.35-4.4)	3.85 (2.15-5.25)	5.95 (2.4-6.95)	6.8 (3.0-8.65)	9.5 (3.85-11.9)
	Cooling (UK)	3.25 (1.45-4.05)	4.15 (2.05-4.85)	5.4 (2.45-6.05)	6.4 (2.95-7.3)	9.0 (4.4-10.25)
SHF (nominal)		0.84	0.74	0.83	0.77	0.71
COP / EER (nominal)		3.23 / 3.50	3.21 / 2.82	3.48 / 3.87	3.33 / 3.59	3.45 / 3.41
ENERGY LABEL	Heating/Cooling	C / A	C / C	B / A	C / A	B / A
AIRFLOW (m3/min)	Lo-Mid-Mi2-Hi	9-10-11-12	9-10-11-12	15-20	15-20	22-28
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")
	Liquid	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
NOISE (dBA)	Lo-Mid-Mi2-Hi	36-38-41-43	36-38-41-43	39-45	39-45	41-46
DIMENSIONS (mm)	Width	990	990	1400	1400	1680
	Depth	235	235	235	235	235
	Height	340	340	340	340	340
WEIGHT (kg)		16	16	24	24	28
ELECTRICAL SUPPLY		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
FUSE RATING (BS88) – HRC (A)		6	6	6	6	6
INTERCONNECTING CABLE No. CORES		4	4	4	4	4

### PUHZ-RP - OUTDOOR UNITS

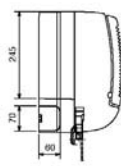
MODEL REFERENCE		PUHZ-RP35VHA	PUHZ-RP50VHA	PUHZ-RP60VHA	PUHZ-RP71VHA	PUHZ-RP100VHA/YHA
NOISE (dBA)	Heating/Cooling	46 / 44	46 / 44	48 / 47	48 / 47	51 / 49
WEIGHT (kg)		45	45	75	75	121 / 135
DIMENSIONS (mm)	Width	800	800	950	950	950
	Depth	330 + 23	330 + 23	330 + 30	330 + 30	330 + 30
	Height	600	600	943	943	1350
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz / 380-415,50Hz
PHASE		Single	Single	Single	Single	Single / 3
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	1.27 / 1.03	1.40 / 1.63	2.01 / 1.55	2.40 / 1.98	3.25 / 2.93
	Heating/Cooling (UK)	1.13 / 0.86	1.25 / 1.39	1.79 / 1.32	2.14 / 1.68	2.89 / 2.49
STARTING CURRENT (A)		5	5	5	5	5
SYSTEM RUNNING CURRENT (A) Single Phase		4.56 / 4.34	6.8 / 6.49	7.93 / 7.04	10.17 / 8.47	14.46 / 12.85
Heating/Cooling 3 Phase		-	-	-	-	4.85 / 4.31
FUSE RATING (BS88) – HRC (A)		16	16	25	25	32 / 16
MAINS CABLE No. Cores		3	3	3	3	3 / 5
MAX PIPE LENGTH (m)		50	50	50	50	75
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30
CHARGE R410A (kg) - 30m		2.5	2.5	3.5	3.5	5.0

### INDOOR UNIT PKA-RP35-50GAL

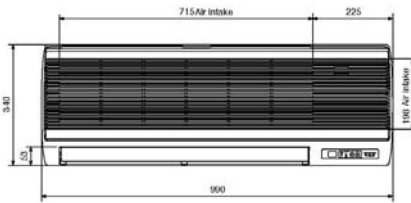
Lower Side View >



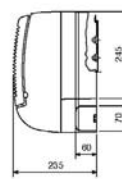
Left Side View >



Front View >

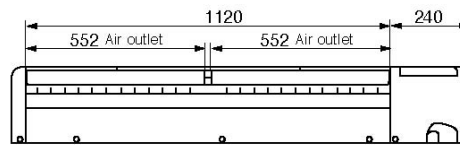


Right Side View >



### INDOOR UNIT PKA-RP60-71FAL

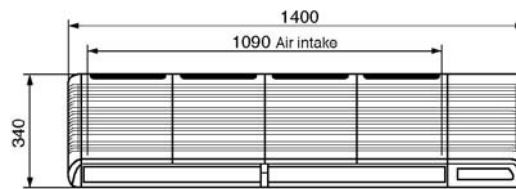
Lower Side View >



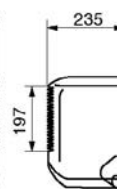
Left Side View >



Front View >

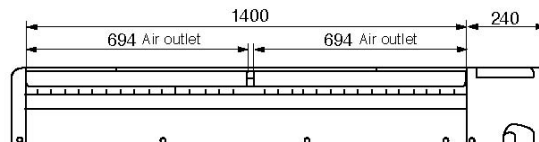


< Right Side View



### INDOOR UNIT PKA-RP100FAL

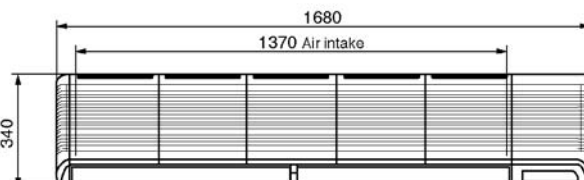
Lower Side View >



Left Side View >



Front View >



< Right Side View

