PKA-RP Power Inverter Heat Pump

Wall Mounted System

- New flat panel, compact indoor unit design
- Adjustable louvres for uniform air distribution
- Internal pipe connection to wall mounted unit for easy and neat installation

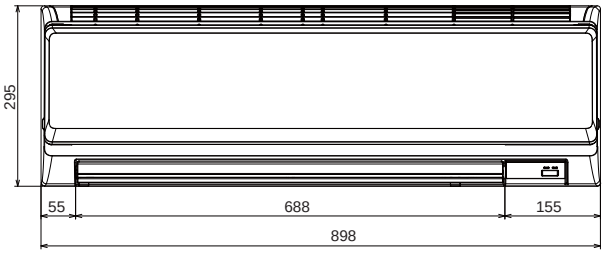
Technical Information

PKA-RP - INDOOR UNITS						
MODEL REFERENCE		PKA-RP35HAL	PKA-RP50HAL	PKA-RP60KAL	PKA-RP71KAL	PKA-RP100KAL
CAPACITY (kW)	Heating (nominal)	4.1 (1.6-5.2)	5.0 (2.5-7.3)	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 (2.3-5.6)	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)	4.25 (2.15-6.2)	5.95 (2.4-6.95)	6.8 (3.0-8.65)	9.5 (3.85-11.9)
	Cooling (UK)	3.3 (1.45-4.15)	4.25 (2.1-5.15)	5.5 (2.5-6.15)	6.55 (3.05-7.45)	9.2 (4.5-10.5)
SHF (nominal)		0.81	0.72	0.86	0.78	0.73
COP / EER (nominal)		3.63 / 3.67	3.62 / 3.22	3.98 / 3.90	3.76 / 3.62	3.61 / 3.45
ENERGY LABEL	Heating/Cooling	A / A	A / A	A / A	A / A	A / A
AIRFLOW (m^3/min)	Lo-Mi-Hi	9-10.5-12	9-10.5-12	18-20-22	18-20-22	20-23-26
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-Mi-Hi	36-40-43	36-40-43	39-42-45	39-42-45	41-45-49
DIMENSIONS (mm)	Width	898	898	1170	1170	1170
	Depth	249	249	295	295	295
	Height	295	295	365	365	365
WEIGHT (kg)		13	13	21	21	21
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

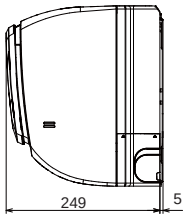
PUHZ-RP - OUTDOOR UNITS						
MODEL REFERENCE		PUHZ-RP35VHA4	PUHZ-RP50VHA4	PUHZ-RP60VHA4	PUHZ-RP71VHA4	PUHZ-RP100VKA/YKA
NOISE (dBA)	Heating/Cooling (silent)	46 / 44 (41)	46 / 44 (41)	48 / 47 (44)	48 / 47 (44)	51 / 49 (46)
WEIGHT (kg)		42	42	67	67	116 / 124
DIMENSIONS (mm)	Width	800	800	950	950	1050
	Depth	300 + 23	300 + 23	330 + 30	330 + 30	330 + 30
	Height	600	600	943	943	1338
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)	1.13 / 0.98	1.38 / 1.43	1.76 / 1.54	2.13 / 1.96	3.10 / 2.90
	Heating/Cooling (UK)	1.01 / 0.83	1.23 / 1.22	1.57 / 1.31	1.90 / 1.67	2.76 / 2.47
STARTING CURRENT (A)		5	5	5	5	5
SYSTEM RUNNING CURRENT (A) Single Phase		5.33 / 4.66 [13.4]	6.45 / 6.68 [13.4]	8.09 / 7.11 [19.4]	9.75 / 8.99 [19.4]	14.15 / 13.25 [27.1]
Heating/Cooling [MAX]	3 Phase	-	-	-	-	5.32 / 5.01 [8.6]
FUSE RATING (BS88) - HRC (A)		16	16	20	20	32 / 10
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-RP35-50HAL

Front View >

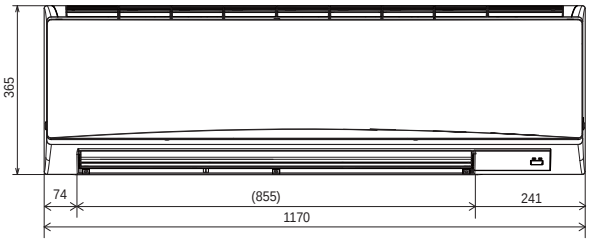
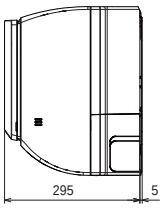


Side View >



INDOOR UNIT PKA-RP60-100KAL

Front View >



Side View >