

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



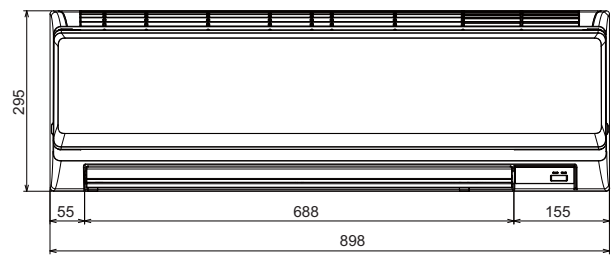
Technical Information

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 (m³/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

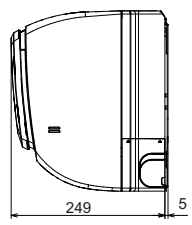
PUHZ-RP - OUTDOOR UNITS						
MODEL REFERENCE		PUHZ-RP35VHA4	PUHZ-RP50VHA4	PUHZ-RP60VHA4	PUHZ-RP71VHA4	PUHZ-RP100VKA/YKA
NOISE (dBA) Heating/Cooling (silent)		46 / 44 (41)	46 / 44 (41)	48 / 47 (44)	48 / 47 (44)	51 / 49 (46)
WEIGHT (kg)		42	42	67	67	116 / 124
DIMENSIONS (mm)	Width	800	800	950	950	1050
	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 >

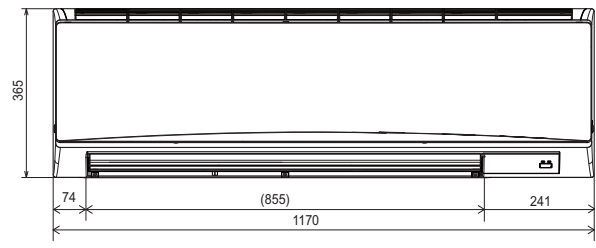


Side View >

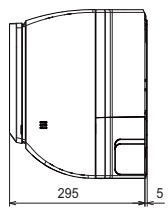


INDOOR UNIT PKA-RP60-100KAL

Front View >



Side View >



PKA-RP Standard Inverter Heat Pump

Wall Mounted System

The Standard Inverter range provides inverter solutions for customers who want all the benefits that inverters offer, but do not have the budget available for the more expensive Power Inverter range.

- 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
- 3-phase Standard Inverter available late 2009



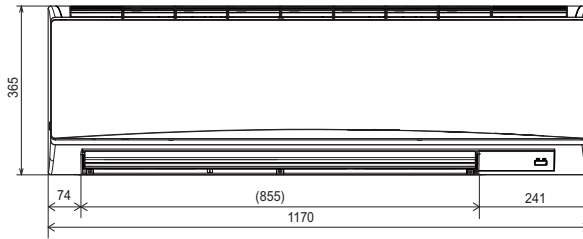
Technical Information

PKA-RP - INDOOR UNITS		PKA-RP100KAL
MODEL REFERENCE		PKA-RP100KAL
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-12.5)
	Cooling (nominal)	9.4 (4.9-11.2)
	Heating (UK)	9.5 (3.85-10.65)
	Cooling (UK)	8.65 (4.5-10.3)
SHF (nominal)		0.75
COP / EER (nominal)		3.21 / 3.01
ENERGY LABEL	Heating/Cooling	C / B
AIRFLOW (m³/min)	Lo-Mi-Hi	20-23-26
PIPE SIZE mm(in)	Gas	15.88 (5/8")
	Liquid	9.52 (3/8")
NOISE (dBA)	Lo-Mi-Hi	41-45-49
DIMENSIONS (mm)	Width	1170
	Depth	295
	Height	365
WEIGHT (kg)		21
ELECTRICAL SUPPLY		Fed by Outdoor Unit
PHASE		Single
FUSE RATING (BS88) - HRC (A)		6
INTERCONNECTING CABLE No. CORES		4

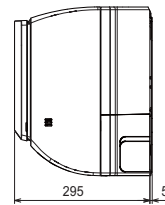
PUHZ-P - OUTDOOR UNITS		PUHZ-P100VHA3
NOISE (dBA)	Heating/Cooling (silent)	54 / 50 (47)
WEIGHT (kg)		75
DIMENSIONS (mm)	Width	950
	Depth	330 + 30
	Height	943
ELECTRICAL SUPPLY		220-240v, 50Hz
PHASE		Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	3.49 / 3.12
	Heating/Cooling (UK)	3.11 / 2.65
STARTING CURRENT (A)		4
SYSTEM RUNNING CURRENT (A) [MAX]	Heating/Cooling	14.81 / 14.15 [28.6]
FUSE RATING (BS88) - HRC (A)		32
MAINS CABLE No. Cores		3
MAX PIPE LENGTH (m)		50
MAX HEIGHT DIFFERENCE (m)		30
CHARGE R410A (kg) - 20m		2.7

INDOOR UNIT PKA-RP100KAL

Front View >



Side View >



PKA-RP Zubadan Inverter Heat Pump

Wall Mounted System



Zubadan sets a new standard in performance

The new Mr Slim Zubadan Inverter heat pumps achieve an excellent heating performance even when the outdoor air temperature is as low as -25°C.

- New flat panel, compact indoor unit design
- Stable Heating Performance - Full heating capacity at -15°C - a 30% capacity improvement over the next size up Power Inverter
- Expanded Heating Operation - Will work effectively even when the outdoor ambient air temperature is -25°C
- Stable Operation - Utilising the new Flash Injection Circuit the Zubadan models have reduced defrost times and can provide continuous heating for up to 150 mins
- Quick Start-Up - At -20°C, full heating capacity is achieved in about 20 mins, improving comfort levels



Technical Information

PKA-RP - INDOOR UNITS

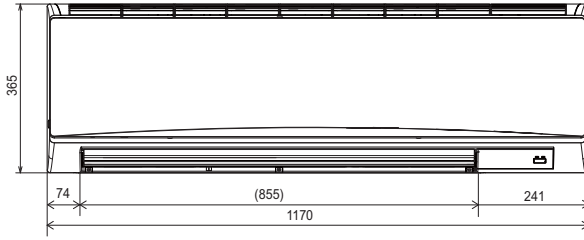
MODEL REFERENCE		PKA-RP100KAL
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-14.0)
	Cooling (nominal)	10.0 (4.9-11.4)
	Heating (UK)	9.5 (3.85-11.9)
	Cooling (UK)	9.2 (4.5-10.5)
SHF (nominal)		0.73
COP / EER (nominal)		3.61 / 3.41
ENERGY LABEL	Heating/Cooling	A / A
AIRFLOW (m ³ /min)	Lo-Mi-Hi	20-23-26
PIPE SIZE mm(in)	Gas	15.88 (5/8")
	Liquid	9.52 (3/8")
NOISE (dBA)	Lo-Mi-Hi	41-45-49
DIMENSIONS (mm)	Width	1170
	Depth	295
	Height	365
WEIGHT (kg)		21
ELECTRICAL SUPPLY		Fed by Outdoor Unit
PHASE		Single
FUSE RATING (BS88) - HRC (A)		6
INTERCONNECTING CABLE No. CORES		4

PUHZ-HRP - OUTDOOR UNITS

MODEL REFERENCE		PUHZ-HRP100VHA2/YHA2
NOISE (dBA)	Heating/Cooling (silent)	52 / 51 (48)
WEIGHT (kg)		120 / 134
DIMENSIONS (mm)	Width	950
	Depth	330 + 30
	Height	1350
ELECTRICAL SUPPLY		220-240v, 50Hz / 380-415v, 50Hz
PHASE		Single / 3
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	3.10 / 2.93
	Heating/Cooling (UK)	2.76 / 2.49
STARTING CURRENT (A)		14 / 3
SYSTEM RUNNING CURRENT (A)	Single Phase	14.15 / 13.39 [35.6]
	Heating/Cooling [MAX] 3 Phase	5.32 / 5.06 [13.6]
FUSE RATING (BS88) - HRC (A)		40 / 16
MAINS CABLE No. Cores		3 / 5
MAX PIPE LENGTH (m)		75
MAX HEIGHT DIFFERENCE (m)		30
CHARGE R410A (kg) - 30m		5.5

INDOOR UNIT PKA-RP100KAL

Front View >



Side View >

