

PKA-RP Power Inverter Heat Pump

Wall Mounted System

Our wide range of Power Inverters offer customers high seasonal efficiency, advanced control options and quiet operation, whilst providing greater flexibility and ease of installation.

Key Features

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



PKA-RP - INDOOR UNITS		PKA-RP35HAL	PKA-RP50HAL	PKA-RP60KAL	PKA-RP71KAL	PKA-RP100KAL	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)	11.2 (4.5-14.0)
	Cooling (nominal)	3.6 (1.6-4.5)	4.6 (2.3-6.6)	6.1 (2.7-6.7)	7.1 (3.3-8.1)	10.0 (4.9-11.4)	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)	9.5 (3.85-11.9)
	Cooling (UK)	3.3 (1.45-4.15)	4.23 (2.1-5.15)	5.5 (2.5-6.15)	6.55 (3.05-7.45)	9.2 (4.5-10.5)	9.2 (4.5-10.5)
SHF (nominal & UK)		0.81	0.72	0.86	0.78	0.73	0.73
COP / EER (nominal)		3.83 / 3.83	3.33 / 3.26	3.57 / 3.81	3.65 / 3.94	3.68 / 3.77	3.68 / 3.77
SCOP / SEER (BS EN14825)		3.9 / 5.7	4.0 / 5.3	4.2 / 6.3	4.3 / 6.5	4.0 / 6.1	4.0 / 6.0
ErP ENERGY EFFICIENCY CLASS Heating/Cooling		A / A+	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	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")	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")
SOUND PRESSURE LEVEL (dBA)		36-40-43	36-40-43	39-42-45	39-42-45	41-45-49	41-45-49
SOUND POWER LEVEL (dBA)		60	60	64	64	65	65
DIMENSIONS (mm) Width x Depth x Height		898 x 249 x 295	898 x 249 x 295	1170 x 295 x 365	1170 x 295 x 365	1170 x 295 x 365	1170 x 295 x 365
WEIGHT (kg)		13	13	21	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	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4

PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP35VKA	PUHZ-ZRP50VKA	PUHZ-ZRP60VHA	PUHZ-ZRP71VHA	PUHZ-ZRP100VKA	PUHZ-ZRP100YKA ^③ Three Phase
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		46 / 44	46 / 44	48 / 47	48 / 47	51 / 49	51 / 49
SOUND POWER LEVEL (dBA) Cooling		65	65	67	67	69	69
WEIGHT (kg)		43	46	67	67	116	124
DIMENSIONS (mm) Width x Depth x Height		809 x 300 x 630	809 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
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	380-415v, 50Hz
PHASE		Single	Single	Single	Single	Single	Three
SYSTEM POWER Heating/Cooling (nominal)		1.07 / 0.94	1.50 / 1.41	1.96 / 1.60	2.19 / 1.80	3.04 / 2.65	3.04 / 2.65
INPUT (kW) Heating/Cooling (UK)		0.84 / 0.91	1.25 / 1.28	1.42 / 1.67	1.60 / 1.86	2.36 / 2.58	2.36 / 2.58
STARTING CURRENT (A)		4.0	5.0	5.0	6.0	12.0	4.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		4.22 / 3.94 [13.4]	7.16 / 6.59 [13.4]	9.23 / 8.11 [19.4]	8.75 / 7.79 [19.4]	11.46 / 11.44 [27.1]	4.82 / 4.41 [8.6]
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	75
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30
CHARGE R410A (kg) - 30m		2.2	2.4	3.5	3.5	5.0	5.0



^③ Three Phase

Accessories

Indoor Units

S70 515 716

Terminal block

S71 000 028

CN22 connector

Outdoor Units

PAC-SJ07SG

Air outlet guide for PUHZ-ZRP35-50VKA

PAC-SG59SG

Air outlet guide for PUHZ-ZRP60-71VHA

PAC-SH96SG

Air outlet guide for PUHZ-ZRP100VKA(YKA)

System Control Units

PAC-SA89TA

Remote on/off adaptor

PAC-SA88HA

Run/fault adapter

PAC-SE41TS

Remote sensor

MAC-557IF

MELCloud WiFi interface

PAC-SJ19MA

A/M-NET adaptor for PUHZ-ZRP35-50VKA

PAC-SF83MA

A/M-NET adaptor for PUHZ-ZRP60-100VHA(VKA/YKA)

PAR-31MAA

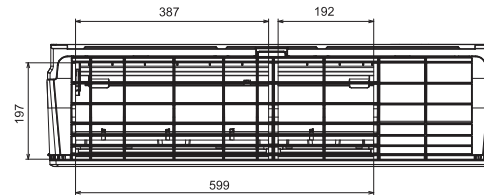
Remote controller

Note: additional accessories are available, please see the Optional Extras page at the end of this section for the full range.

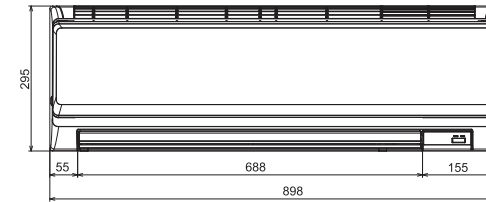
Product Dimensions

PKA-RP35/50HAL

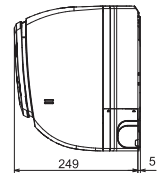
Upper View



Front View



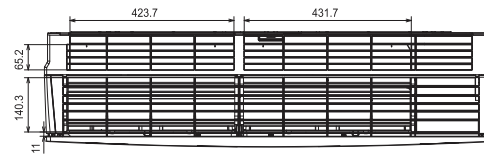
Side View



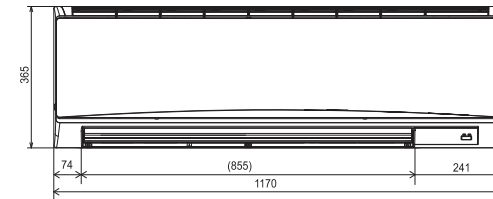
Product Dimensions

PKA-RP60/71/100KAL

Upper View



Front View



Side View

