

PEA-RP Power Inverter Heat Pump

Large Capacity Ceiling Concealed Ducted 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

- Static pressure of up to 150Pa



PEA-RP - INDOOR UNITS		PEA-RP200GAQ Three Phase	PEA-RP250GAQ Three Phase	PEA-RP400GAQ Three Phase	PEA-RP500GAQ Three Phase
CAPACITY (kW)	Heating (nominal)	22.4 (9.5-25.0)	27.0 (12.5-31.5)	44.8 (18.0-50.0)	54.0 (25.0-63.0)
	Cooling (nominal)	19.0 (9.0-22.4)	22.0 (11.2-28.0)	38.0 (18.0-44.8)	44.0 (22.4-56.0)
	Heating (UK)	19.05 (8.1-21.25)	22.95 (10.65-26.8)	38.1 (15.3-42.5)	45.9 (21.25-53.55)
	Cooling (UK)	17.5 (8.3-20.6)	20.25 (10.3-25.75)	34.95 (16.55-41.2)	40.5 (20.6-51.5)
SHF (nominal & UK)		0.81	0.86	0.75	0.77
COP / EER (nominal)		3.45 / 2.84	3.29 / 2.64	3.57 / 2.93	3.20 / 2.56
ENERGY LABEL	Heating/Cooling (nominal)	B / C	C / D	B / C	D / E
AIRFLOW (m³/min)	Lo-Hi	52-65	64-80	120	160
PIPE SIZE mm (in)	Gas	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8") x2	28.58 (1 1/8") x2
	Liquid	9.52 (3/8")	12.7 (1/2")	9.52 (3/8") x2	12.7 (1/2") x2
EXTERNAL STATIC PRESSURE (Pa)		150	150	150	150
SOUND PRESSURE LEVEL (dBA) (50Pa) Lo-Hi		48-51	49-52	52	53
DIMENSIONS (mm)	Width x Depth x Height	1400 x 634 x 400	1600 x 634 x 400	1947 x 764 x 595	1947 x 764 x 595
WEIGHT (kg)		70	77	130	133
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three	Three
POWER INPUT (kW)	nominal / UK	1.00 / 0.89	1.18 / 1.05	1.55 / 1.38	2.84 / 2.53
STARTING CURRENT (A)		5.6	5.6	8.7	10
RUNNING CURRENT (A) [MAX]		2.0 [2.4]	2.3 [2.8]	3.8 [4.6]	5.4 [6.5]
FUSE RATING (BS88) - HRC (A)		6	6	10	10
MAINS CABLE No. Cores		5	5	5	5
INTERCONNECTING CABLE No. Cores		3	3	3	3

PUHZ-RP - OUTDOOR UNITS		PUHZ-RP200YKA Three Phase	PUHZ-RP250YKA Three Phase	PUHZ-RP200YKA x2 Three Phase	PUHZ-RP250YKA x2 Three Phase
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		59 / 58	59 / 58	59 / 58	59 / 58
WEIGHT (kg)		135	141	135	141
DIMENSIONS (mm)	Width x Depth x Height	1050 x 330 + 30 x 1338	1050 x 330 + 30 x 1338	1050 x 330 + 30 x 1338	1050 x 330 + 30 x 1338
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three	Three
SYSTEM POWER	Heating/Cooling (nominal)	6.5 / 6.7	8.2 / 8.34	12.55 / 12.95	16.88 / 17.16
INPUT (kW)	Heating/Cooling (UK)	5.79 / 5.7	7.3 / 7.09	11.17 / 11.01	15.02 / 14.59
STARTING CURRENT (A)		5	5	5	5
RUNNING CURRENT (A) Heating/Cooling [MAX]		8.63 / 8.94 [19]	11.01 / 11.23 [21]	8.63 / 8.94 [19]	11.01 / 11.23 [21]
FUSE RATING (BS88) - HRC (A)		20	25	20	25
MAINS CABLE No. Cores		5	5	5	5
MAX PIPE LENGTH (m)		120	120	120	120
MAX HEIGHT DIFFERENCE (m)		30	30	30	30
CHARGE R410A (kg) - 30m		7.1	7.7	7.1	7.7

③ Three Phase



