PEA-RP-GA Standard Inverter Heat Pump

Large Capacity Ceiling Concealed Ducted System

The new 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.

- Twin, triple or quadruple configurations on one outdoor unit, utilising Mr Slim indoor units
- Static pressure of up to 150Pa

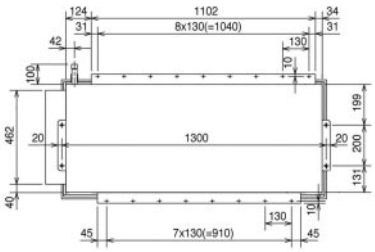
Technical Information

PEA-RP-GA - INDOOR UNITS					
MODEL REFERENCE		PEA-RP200GA	PEA-RP250GA	PEA-RP400GA	PEA-RP500GA
CAPACITY (kW)	Heating (nominal)	22.4 (9.5-25.0)	27.0 (12.5-31.5)	44.8 (19.0-50.0)	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 (16.15-42.5)	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)		0.81	0.86	0.75	0.77
COP / EER (nominal)		3.04 / 2.64	3.19 / 2.61	3.14 / 2.72	3.10 / 2.53
ENERGY LABEL	Heating/Cooling	D / D	D / D	D / D	D / E
AIRFLOW (m^3/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
NOISE (dBA)	Lo-Hi	48-51	49-52	52	53
DIMENSIONS (mm)	Width	1400	1600	1947	1947
	Depth	634	634	764	764
	Height	400	400	595	595
WEIGHT (kg)		70	77	130	133
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		3	3	3	3
POWER INPUT (kW)	(nominal)	1.00	1.18	1.55	2.84
	(UK)	0.89	1.05	1.38	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

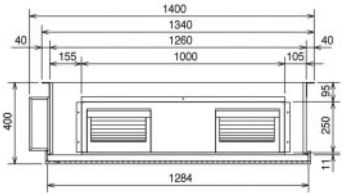
PUHZ-P-YHA3 - OUTDOOR UNITS					
MODEL REFERENCE		PUHZ-P200YHA3	PUHZ-P250YHA3	PUHZ-P200YHA3 x2	PUHZ-P250YHA3 x2
NOISE (dBA)	Heating/Cooling (silent)	59 / 59 (56)	59 / 59 (56)	59 / 59 (56)	59 / 59 (56)
WEIGHT (kg)		126	133	126	133
DIMENSIONS (mm)	Width	950	950	950	950
	Depth	330+30	330+30	330+30	330+30
	Height	1350	1350	1350	1350
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		3	3	3	3
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	7.36 / 7.21	8.47 / 8.44	14.27 / 13.97	17.42 / 17.36
	Heating/Cooling (UK)	6.55 / 6.13	7.54 / 7.17	12.7 / 11.88	15.5 / 14.76
STARTING CURRENT (A)		5	5	5	5
RUNNING CURRENT (A)	[Max] Heating/Cooling	10.09 / 9.85 [19]	11.44 / 11.39 [21]	10.09 / 9.85 [19]	11.44 / 11.39 [21]
FUSE RATING (BS88) – HRC (A)		20	25	20	25
MAINS CABLE No. Cores		5	5	5	5
MAX PIPE LENGTH (m)		70	70	70 per outdoor	70 per outdoor
MAX HEIGHT DIFFERENCE (m)		30	30	30	30
CHARGE R410A (kg) - 30m		5.8	7.1	5.8	7.1

INDOOR UNIT PEA-RP200GA

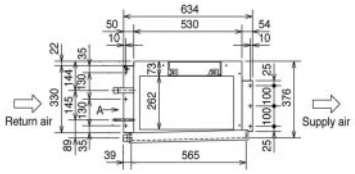
Front View >



Upper View >

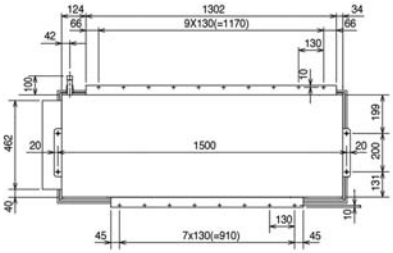


Side View >

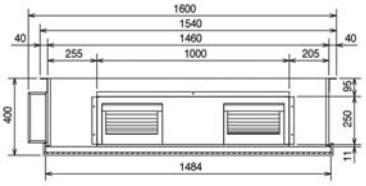


INDOOR UNIT PEA-RP250GA

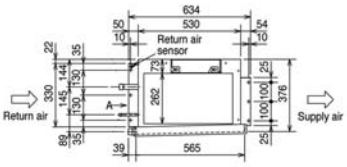
Front View >



Upper View >

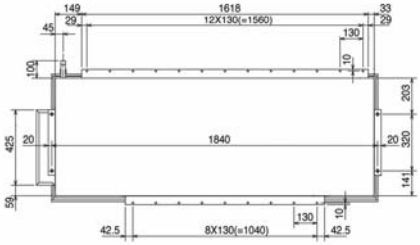


Side View >

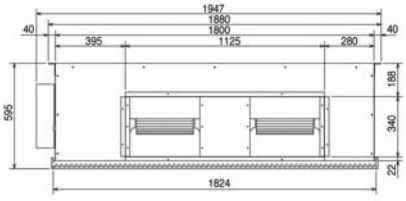
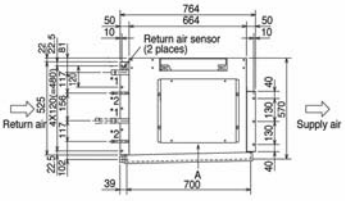


INDOOR UNIT PEA-RP400-500GA

Front View >



Upper View >



Side View >