

PEAD-RP Standard Inverter Heat Pump (Single Phase)

Ceiling Concealed Ducted System

Our Standard Inverter range offers customers all the features and benefits of inverter technology whilst being cost effective.

Key Features

- Reduced height - entire range only 250mm
- Wider range of external static pressure settings across entire range
- Drain pump included as standard



PEAD-RP - INDOOR UNITS		PEAD-RP35JAQ	PEAD-RP50JAQ	PEAD-RP60JAQ	PEAD-RP71JAQ	PEAD-RP100JAQ	PEAD-RP125JAQ	PEAD-RP140JAQ
CAPACITY (kW)	Heating (nominal)	4.1 (1.7-5.0)	5.9 (1.7-7.2)	7.0 (2.5-8.0)	8.0 (2.6-10.2)	11.2 (4.5-12.5)	14.0 (5.0-16.0)	16.0 (5.0-18.0)
	Cooling (nominal)	3.6 (1.4-3.9)	4.9 (2.3-5.6)	5.7 (2.3-6.3)	7.1 (2.8-8.1)	9.4 (4.9-11.2)	12.3 (5.5-14.0)	13.6 (5.5-15.0)
	Heating (UK)	3.49 (1.45-4.25)	5.02 (1.45-6.12)	5.95 (2.13-6.80)	6.80 (2.21-8.67)	9.5 (3.85-10.65)	11.9 (4.25-13.6)	13.6 (4.25-15.3)
	Cooling (UK)	3.31 (1.29-3.59)	4.51 (2.12-5.15)	5.24 (2.12-5.80)	6.53 (2.58-7.45)	8.65 (4.5-10.3)	11.3 (5.05-12.9)	12.5 (5.05-13.8)
SHF (nominal & UK)		0.85	0.85	0.86	0.83	0.85	0.85	0.84
COP / EER (nominal)		3.69 / 3.42	3.64 / 3.31	3.63 / 3.41	3.92 / 3.41	3.61 / 3.01	3.62 / 2.91	3.61 / 3.01
SCOP / SEER (BS EN14825)		4.0 / 5.5	4.2 / 5.4	4.0 / 5.6	3.9 / 5.8	3.8 / 4.6	3.9 / 3.5	3.7 / 3.2
ErP ENERGY EFFICIENCY CLASS Heating/Cooling		A+ / A	A+ / A	A+ / A+	A / A+	A / B	N/A	N/A
AIRFLOW (m³/min) Lo-Mi-Hi		10-12-14	12-14.5-17	14.5-18-21	17.5-21-25	24-29-34	29.5-35.5-42	32-39-46
PIPE SIZE mm (in)	Gas	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")	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")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
EXTERNAL STATIC PRESSURE (Pa)		35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150
SOUND PRESSURE LEVEL (dBA) Lo-Mi-Hi		23-27-30	26-31-35	25-29-33	26-30-34	29-34-38	33-36-40	34-38-43
SOUND POWER LEVEL (dBA)		52	57	55	57	61	63	66
DIMENSIONS (mm) Width x Depth x Height		900 x 732 x 250	900 x 732 x 250	1100 x 732 x 250	1100 x 732 x 250	1400 x 732 x 250	1400 x 732 x 250	1600 x 732 x 250
WEIGHT (kg)		26	28	33	33	41	43	47
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	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4	4

SUZ-KA / PUHZ-P - OUTDOOR UNITS		SUZ-KA35VA4	SUZ-KA50VA4	SUZ-KA60VA4	SUZ-KA71VA4	PUHZ-P100VHA4	PUHZ-P125VHA3	PUHZ-P140VHA3
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		50 / 49	52 / 52	55 / 55	55 / 55	54 / 50	55 / 51	56 / 52
SOUND POWER LEVEL (dBA) Cooling		62	65	65	69	70	71	73
WEIGHT (kg)		35	54	50	53	75	99	99
DIMENSIONS (mm) Width x Depth x Height		800 x 285 x 550	840 x 330 x 880	840 x 330 x 880	840 x 330 x 880	950 x 330 x 30 x 943	950 x 330 x 30 x 1350	950 x 330 x 30 x 1350
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	1.11 / 1.50	1.62 / 1.48	1.93 / 1.67	2.04 / 2.08	3.103 / 3.120	3.870 / 4.220	4.430 / 4.520
	Heating/Cooling (UK)	0.99 / 1.28	1.44 / 1.26	1.72 / 1.42	1.82 / 1.77	2.76 / 2.58	3.44 / 3.59	3.94 / 3.84
STARTING CURRENT (A)		5.1	7.3	8.6	9.3	12.0	15.0	15.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		4.90 / 5.10 [9.3]	6.90 / 7.30 [13.4]	7.50 / 8.60 [15.6]	9.30 / 9.10 [18.1]	16.27 / 15.55 [30.65]	19.03 / 19.66 [30.76]	23.8 / 24.97 [32.28]
FUSE RATING (BS88) - HRC (A)		16	20	20	20	32	32	40
MAINS CABLE No. Cores		3	3	3	3	3	3	3
MAX PIPE LENGTH (m)		20	30	30	30	50	50	50
MAX HEIGHT DIFFERENCE (m)		12	30	30	30	30	30	30
CHARGE R410A (kg)		1.15	1.45	1.55	1.90	3.0	4.5	4.5

Notes: All units charged to 7m (35-71), 30m (100-140) pipe length.

Accessories

Outdoor Units

PAC-SG59SG

Air outlet guide for PUHZ-P100-140VHA4(VHA3)

System Control Units

PAC-SA89TA

Remote on/off adaptor

PAC-SA88HA

Run/fault adapter

PAC-SE41TS

Remote sensor

MAC-557IF

MELCloud WiFi interface

PAC-SF83MA

A/M-NET adaptor for PUHZ-P100-140VHA4(VHA3)

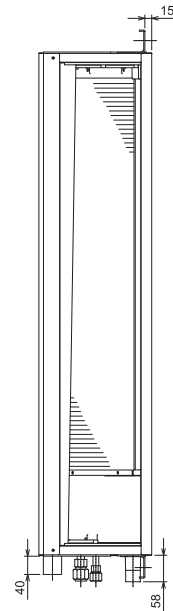
PAR-31 MAA

Remote controller

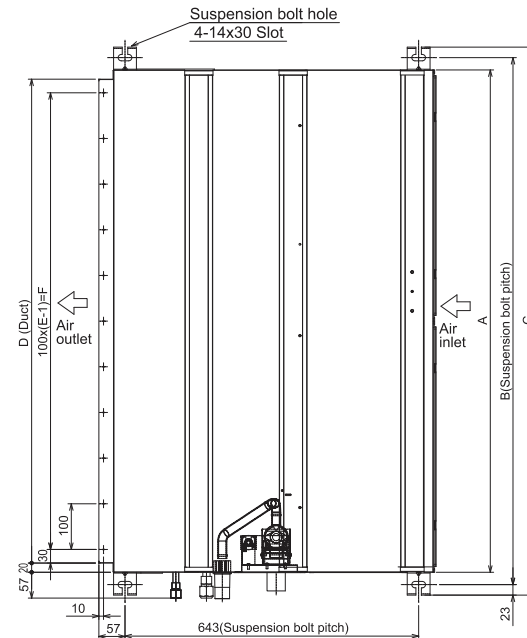
Product Dimensions

PEAD-RP35/50/60/71/100/125/140JAQ

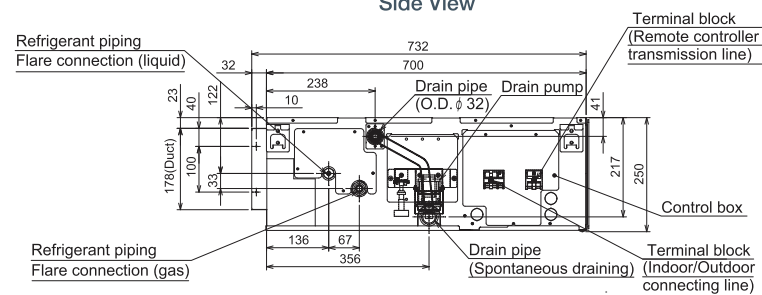
Front View



Upper View



Side View



Model	A	B	C	D	E	F
PEAD-RP35,50JAQ	900	954	1000	860	9	800
PEAD-RP60,71JAQ	1100	1154	1200	1060	11	1000
PEAD-RP100,125JAQ	1400	1454	1500	1360	14	1300
PEAD-RP140JAQ	1600	1654	1700	1560	16	1500

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

PEAD-RP Standard Inverter Heat Pump (Three Phase)

Ceiling Concealed Ducted System



Our Standard Inverter range offers customers all the features and benefits of inverter technology whilst being cost effective.

Key Features

- Reduced height - entire range only 250mm
- Wider range of external static pressure settings across entire range
- Drain pump included as standard



PEAD-RP - INDOOR UNITS		PEAD-RP100JAQ	PEAD-RP125JAQ	PEAD-RP140JAQ
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-12.5)	14.0 (5.0-16.0)	16.0 (5.0-18.0)
	Cooling (nominal)	9.4 (4.9-11.2)	12.3 (5.5-14.0)	13.6 (5.5-15.0)
	Heating (UK)	9.5 (3.85-10.65)	11.9 (4.25-13.6)	13.6 (4.25-15.3)
	Cooling (UK)	8.65 (4.5-10.3)	11.3 (5.05-12.9)	12.5 (5.05-13.8)
SHF (nominal & UK)		0.85	0.85	0.84
COP / EER (nominal)		3.61 / 3.01	3.62 / 2.91	3.61 / 3.01
SCOP / SEER (BS EN14825)		3.8 / 4.6	3.9 / 3.5	3.7 / 3.2
ErP ENERGY EFFICIENCY CLASS		A / B	N/A	N/A
AIRFLOW (m³/min)		24-29-34	29.5-35.5-42	32-39-46
PIPE SIZE mm (in)	Gas	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Liquid	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
EXTERNAL STATIC PRESSURE (Pa)		35-50-70-100-150	35-50-70-100-150	35-50-70-100-150
SOUND PRESSURE LEVEL (dBA) Lo-Mi-Hi		29-34-38	33-36-40	34-38-43
SOUND POWER LEVEL (dBA)		61	63	66
DIMENSIONS (mm) Width x Depth x Height		1400 x 732 x 250	1400 x 732 x 250	1600 x 732 x 250
WEIGHT (kg)		41	43	47
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4

PUHZ-P - OUTDOOR UNITS		PUHZ-P100YHA2 Three Phase ③	PUHZ-P125YHA Three Phase ③	PUHZ-P140YHA Three Phase ③
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		54 / 50	55 / 51	56 / 52
SOUND POWER LEVEL (dBA) Cooling		70	71	73
WEIGHT (kg)		77	101	101
DIMENSIONS (mm) Width x Depth x Height		950 x 330 + 30 x 943	950 x 330 + 30 x 1350	950 x 330 + 30 x 1350
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three
SYSTEM POWER Heating/Cooling (nominal)		3.103 / 3.120	3.870 / 4.220	4.430 / 4.520
INPUT (kW) Heating/Cooling (UK)		2.76 / 2.65	3.44 / 3.59	3.94 / 3.84
STARTING CURRENT (A)		4.0	5.0	5.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		6.83 / 6.68 [15.65]	8.38 / 8.58 [15.76]	10.07 / 10.52 [15.78]
FUSE RATING (BS88) - HRC (A)		16	16	16
MAINS CABLE No. Cores		5	5	5
MAX PIPE LENGTH (m)		50	50	50
MAX HEIGHT DIFFERENCE (m)		30	30	30
CHARGE R410A (kg)		3.0	4.5	4.5

③ Three Phase Notes: All units charged to 30m (100-140) pipe length.

Accessories

Outdoor Units

PAC-SG59SG

Air outlet guide for PUHZ-P100-140YHA2(YHA)

System Control Units

PAC-SA89TA

Remote on/off adaptor

PAC-SA88HA

Run/fault adapter

PAC-SE41TS

Remote sensor

MAC-557IF

MELCloud WiFi interface

PAC-SF83MA

A/M-NET adaptor for PUHZ-P100-140YHA2(YHA)

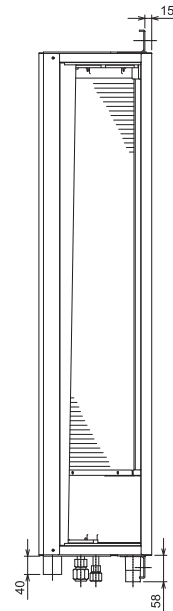
PAR-31MAA

Remote controller

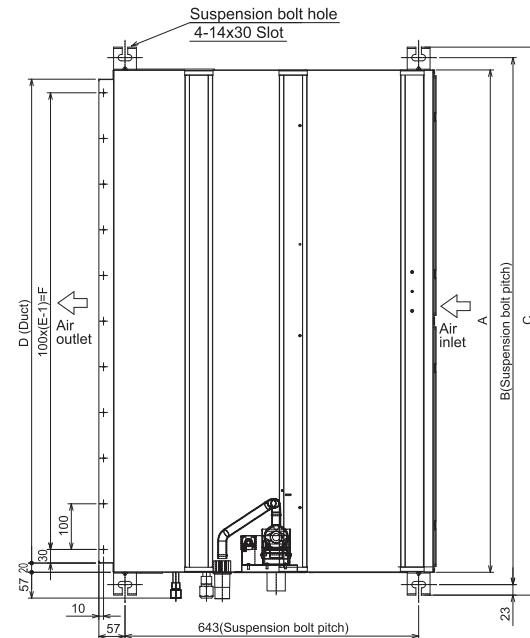
Product Dimensions

PEAD-RP100/125/140JAQ

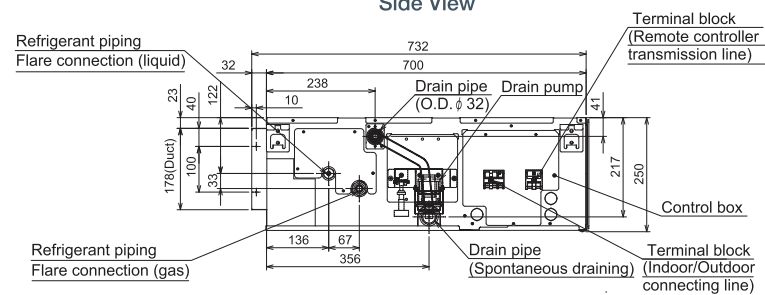
Front View



Upper View



Side View



Model	A	B	C	D	E	F
PEAD-RP100,125JAQ	1400	1454	1500	1360	14	1300
PEAD-RP140JAQ	1600	1654	1700	1560	16	1500

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