

PEAD-RP Heat Pump

R407c Ceiling Concealed Ducted System

New Models



Technical Information >>

PEAD-RP - INDOOR UNITS

MODEL REFERENCE		PEAD-RP1.6EA	PEAD-RP2EA	PEAD-RP2.5EA	PEAD-RP3EA	PEAD-RP4EA	PEAD-RP5EA	PEAD-RP6EA
CAPACITY (kW)	Heating (nominal)	4.85	6.3	7.15	9.05	10.3	14.0	16.6
	Cooling (nominal)	4.45	5.6	6.6	7.6	9.6	12.2	14.0
	Heating (UK)	4.1	5.35	6.1	7.7	8.75	11.9	14.1
	Cooling (UK)	4.0	5.05	5.95	6.85	8.65	11.0	12.6
SHF (nominal)		0.72	0.74	0.71	0.78	0.75	0.74	0.74
AIRFLOW (m3/min)	Lo-Hi	11-14	13.5-17	17-21	20-25	27-34	33.5-42	36.5-46
PIPE SIZE mm(in)	Gas	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")
	Liquid	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
EXTERNAL STATIC PRESSURE (Pa) Lo-Hi		30-70	30-70	30-70	70-130*1	70-130*2	70-130*3	70-130*3
NOISE (dBA)	Lo-Hi (with optional motor)	34-38	36-40	37-41	37-41 (40-45)	41-46 (42-48)	44-50 (46-52)	46-51 (47-53)
DIMENSIONS (mm)	Width	935	935	1175	1175	1415	1415	1715
	Depth	700	700	700	740	740	740	740
	Height	295	295	295	325	325	325	325
WEIGHT (kg)		33	35	42	44	62	65	70
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
PHASE		Single	Single	Single	Single	Single	Single	Single
FUSE RATING (BS88) – HRC (A)		6	6	6	6	6	6	6
INTERCONNECTING CABLE No. CORES		4	4	4	4	4	4	4

Notes: External static pressure - (1.6/2.5 : 30 + 70Pa connections as standard) / (3/4/5/6 : 130Pa optional fan motor - *1 PAC-SK005MT-F, *2 PAC-SK004MT-F, *3 PAC-SK003MT-F).

PUH-P - OUTDOOR UNITS

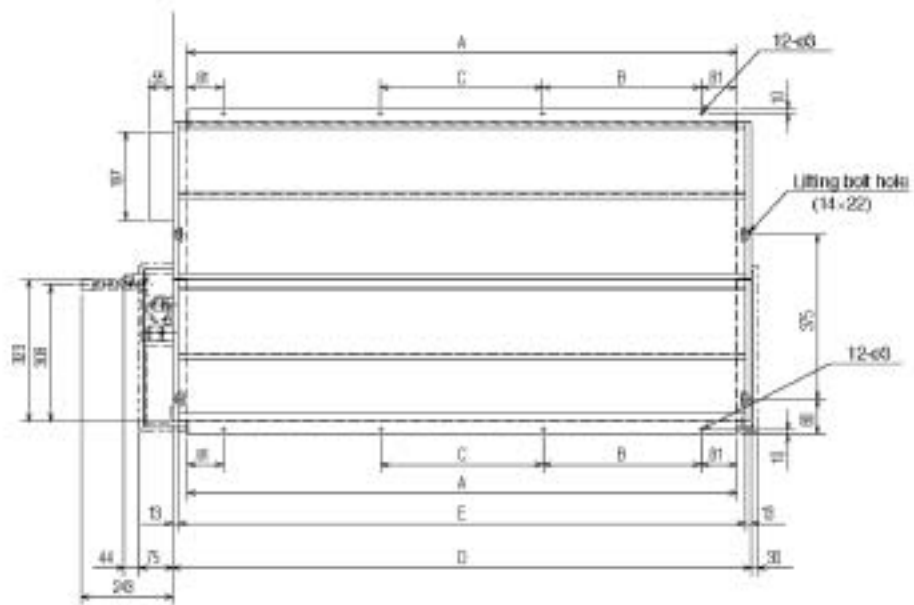
MODEL REFERENCE		PUH-P1.6VGAA	PUH-P2VGAA	PUH-P2.5VGAA	PUH-P3VGAA/YGAA	PUH-P4VGAA/YGAA	PUH-P5YGAA	PUH-P6YGAA
NOISE (dBA)	Heating/Cooling	49 / 47	49 / 48	50 / 48	51 / 49	53 / 51	56 / 55	58 / 57
WEIGHT (kg)		55	71	82	82	96	122	122
DIMENSIONS (mm)	Width	900	900	900	900	900	1050	1050
	Depth	330 + 20	330 + 20	330 + 20	330 + 20	330 + 20	330 + 20	330 + 20
	Height	650	855	855	855	1260	1260	1260
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz / 380-415v, 50Hz	220-240v, 50Hz / 380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Single	Single	Single	Single / 3	Single / 3	3	3
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	1.73 / 1.71	2.20 / 2.53	2.36 / 2.65	3.18 / 3.35	4.00 / 3.83	4.74 / 4.87	5.90 / 5.81
	Heating/Cooling (UK)	1.54 / 1.45	1.96 / 2.15	2.10 / 2.25	2.83 / 2.85	3.56 / 3.26	4.22 / 4.14	5.25 / 4.94
STARTING CURRENT (A)		36	62	77	93 / 47	99 / 49	65.5	74
SYSTEM RUNNING CURRENT (A) Heating/Cooling		8.14 / 7.91	11.18 / 10.87	12.21 / 12.6	17.31 / 16.36 / 7.18 / 6.84	19.11 / 18.24 / 8.39 / 8.08	10.77 / 10.22	12.25 / 11.72
FUSE RATING (BS88) – HRC (A)		16	16	25	32 / 16	32 / 20	20	25
MAINS CABLE No. Cores		3	3	3	3 / 5	3 / 5	5	5
MAX PIPE LENGTH (m)		40	40	50	50	50	50	50
MAX HEIGHT DIFFERENCE (m)		40	40	50	50	50	50	50
CHARGE R407c (kg)		2.5	2.6	3.1	3.3	4.0	4.6	4.9

Notes: All units are charged to 20m (1.6-2.5) and 30m (3-6) pipe length.

INDOOR UNIT PEAD-RP3-6EA

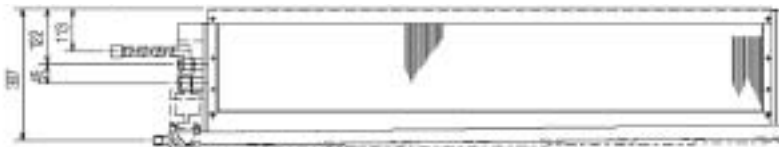
For PEAD-RP1.6-2.5EA schematics please see page 53

Upper View >

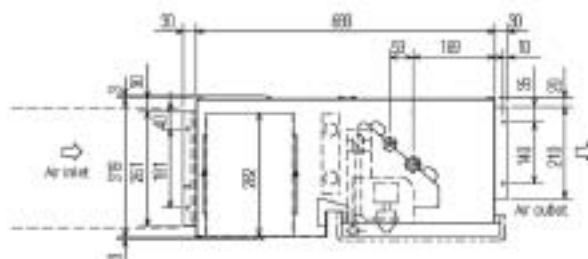


Models	A	B	C	D	E
Size 3	1012	280	290	1070	1044
Size 4/5	1252	360	370	1310	1284
Size 6	1552	460	470	1610	1584

Front View >



Side View >



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Celsius Air Conditioning Ltd, 1 Well Street, Heywood, Greater Manchester OL10 1NT

 01706 367 500  07000 CELSIUS  01706 367 355  sales@celsiusair.co.uk  www.celsiusair.co.uk

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