

SPECIFICATIONS

(50Hz)

Model name		PEH-5GAK	PEH-6GAK	PEH-8GA	PEH-10GA	PEH-16GA	PEH-20GA			
Power source		1N~ 220/230/240V 50Hz			3N~ 380/400/415V 50Hz					
Cooling *3	Capacity	kW	12.1	15.7	21.6	26.7	43.2	53.4		
		kcal/h	10,400	13,400	18,500	22,900	37,100	45,900		
		Btu/h	41,000	54,000	74,000	91,000	147,000	182,000		
	Sensible Capacity	kW	9.9	12.9	16.0	20.0	29.8	36.8		
		kcal/h	8,500	11,000	13,700	17,200	25,600	31,600		
Btu/h		34,000	44,000	55,000	68,000	102,000	126,000			
Power input	kW	0.87		1.00	1.12 (-SP 1.18)	1.55	2.84			
Current input	A	4.0		1.8 (-SP 2.0)	2.0 (-SP 2.3)	3.8	5.4			
Temperature range of cooling	Indoor	W.B.	15.5°CWB-22.5°CWB		15°CWB-24°CWB					
	Outdoor	D.B.	-5°CDB-46°CDB		-5°CDB-46°CDB (-5°CDB-43°CDB with PAC-SG208SG-E)					
Heating	Capacity	kW	15.5	18.5	24.6	30.9	49.2	61.8		
		kcal/h	13,300	15,900	21,100	26,500	42,300	53,100		
		Btu/h	53,000	63,000	84,000	105,000	168,000	211,000		
	Power input	kW	0.87		1.00	1.12 (-SP 1.15)	1.55	2.84		
	Current input	A	4.0		1.8 (-SP 1.9)	2.0 (-SP 2.2)	3.8	5.4		
Temperature range of heating	Indoor	D.B.	20°CDB-27°CDB		15°CDB-27°CDB					
	Out door	W.B.	-9.5°CWB-15.5°CWB		-15°CWB-15°CWB					
Capacity control		0 / 100			0 / 50 / 100					
Fan	Type x Quantity	Sirocco fan x 1 (-MF Metal fan)			Sirocco fan x 2 (-MF Metal fan)		Sirocco fan x 2 (Metal fan)			
	Air flow rate (Hi-Lo)	CMM	50-40	55-44	65-52	80-64	120	160		
	External static pressure	Pa	100 (-SP 150)				150			
	Motor output	kW	0.46 (-SP 0.54)		0.75 (-SP 0.77)		1.3	1.8		
External finish		Galvanized steel								
External dimension	H x W x D	mm 400 x 1,180 x 634		400 x 1,400 x 634		400 x 1,600 x 634		595 x 1,947 x 764		
Heat exchanger type		Cross fin								
Air filter		Option								
Refrigerant piping diameter Liquid / Gas		mm ϕ 9.52 / ϕ 19.05		ϕ 15.88 / ϕ 25.4	ϕ 15.88 / ϕ 28.6	$(\phi$ 15.88 / ϕ 25.4) x 2	$(\phi$ 15.88 / ϕ 28.6) x 2			
Drain piping dimension		mm 25.4 (R1)								
Noise level *4		dB(A) 46-42 (-SP 48-45)		49-45 (-SP 51-48)		50-46 (-SP 52-49)		52	53	
Net weight	kg	56	59	70	77	130	133			
Remote controller		PAR-21MAA (attached)								
Outdoor unit Model name		PUH-5YKSA	PUH-6YKSA	PUH-8YKA	PUH-10YKA	PUH-8YKA x 2	PUH-10YKA x 2			
Power source		3N~ 380/400/415V 50Hz								
Cooling *1	Power input	kW	4.17	4.74	6.85	9.14	6.85 x 2	9.14 x 2		
	Current input	A	8.0	8.5	13.6	16.8	13.6 x 2	16.8 x 2		
	Starting current(50Hz)	A	53	74	96.0	126.0	109.6	142.8		
Heating *2	Power input	kW	4.35	4.69	6.68	8.52	6.68 x 2	8.52 x 2		
	Current input	A	8.2	8.3	13.2	16.3	13.2 x 2	16.3 x 2		
	Starting current(50Hz)	A	53	74	96.0	126.0	109.2	142.3		
Refrigerant	Type	R22								
	Original charge	kg	5.4	5.0	5.5	6.0	5.5 x 2	6.0 x 2		
Refrigerant control		Capillary								
Fan	Type x Quantity	Propeller fan x 2					(Propeller fan x 2) x 2			
	Air flow rate	CMM	95	100	140		140 x 2			
	Motor output	kW	0.085 x 2	0.1 x 2	0.15 x 2		(0.15 x 2) x 2			
Compressor	Type	Hermetically closed scroll								
	Motor output	kW	3.5	4.0	5.6	7.5	5.6 x 2	7.5 x 2		
	Lubricant	SONTEX 200LT								
	Crankcase heater	kW	0.032 / 0.035 / 0.038			0.09		0.09 x 2		
External finish		Polyester resin coating								
Color		Munsell 3Y7.8/1.1								
External dimension	H x W x D	mm 1,258 x 970 x 345 + 24		1,480 x 1,047 x 547		(1,480 x 1,047 x 547) x 2				
Heat exchanger type		Cross fin								
Refrigerant piping diameter Liquid / Gas		mm ϕ 9.52 / ϕ 19.05		ϕ 15.88 / ϕ 25.4	ϕ 15.88 / ϕ 28.6	$(\phi$ 15.88 / ϕ 25.4) x 2	$(\phi$ 15.88 / ϕ 28.6) x 2			
Noise level *5	Cooling	dB(A)	55	56	200			208	200 x 2	208 x 2
	Heating	dB(A)	55	56	200			208	200 x 2	208 x 2
Net weight	kg	114	117	200	208	200 x 2	208 x 2			
Protection devices		High pressure / discharge thermostat / thermal relay Internal inherent motor protection of COMP Internal inherent motor protection			High pressure / Low pressure / Discharge thermistor Anti phase / OCR / Internal inherent motor protection of COMP Internal inherent motor protection					
Defrosting method		Hot gas reverse								

Note 1. Nominal cooling conditions Indoor: 27°CDB/19°CWB Outdoor: 35°CDB Pipe length: 5m (5.6HP) , 7.5m (8-20HP)
 2. Nominal heating conditions Indoor: 20°CDB Outdoor: 7°CDB/6°CWB Pipe length: 5m (5.6HP) , 7.5m (8-20HP)
 3. Cooling capacity is gross capacity which do not include a deduction for evaporator fan motor heat.
 4. Measured at 1.5m from the unit's bottom in an anechoic room.
 5. Measured at 1m from the unit in an anechoic room.

Optional parts

Item	Special model	Optional part	Applicable model
High-static motor	-SP model		PEH-5/6/8/10GA(K)
Metal fan	-MF model		PEH-5/6/8/10GA(K)
Anti-corrosion fin	-BS model		PUH-8/10YKA
Air filter		PAC-KE206AF	PEH-5/6GAK
		PAC-KE208AF	PEH-8GA
		PAC-KE210AF	PEH-10GA
		PAC-KE220AF	PEH-16/20GA
		PAC-SK209PG-E	PUH-8/10YKA
Pressure gauge		PAC-292SG-D	PUH-5/6YKSA
Air outlet guide		PAC-SG208SG-E	PUH-8/10YKA
Air outlet guide (2pcs/pack)		MAC-399IF-E	PEH-5/6GAK
M-NET interface		PAC-SF80MA-E	PUH-8/10YKA
M-NET converter		PAC-SA47DS-E	PUH-5/6YKSA
Drain socket			