

4PTH09A-HE-3.5 PTAC PRODUCT SPECIFICATIONS

Perfect Aire® 9,000 BTU 230V
PTAC Cooling Heat Pump w/ 3.5 kW Electric Heat Assist



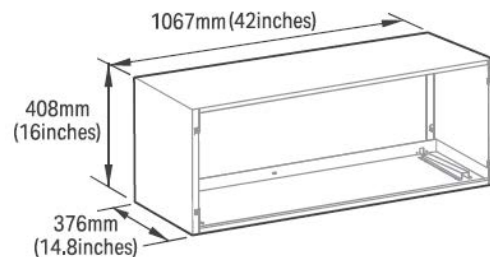
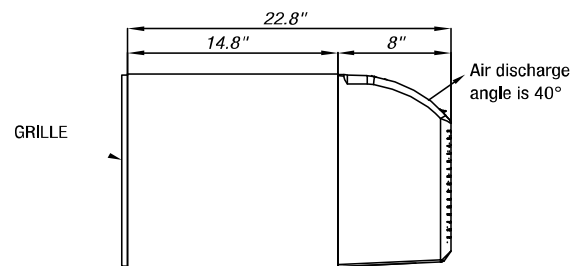
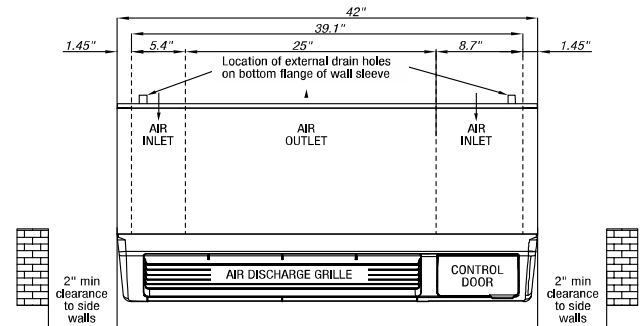
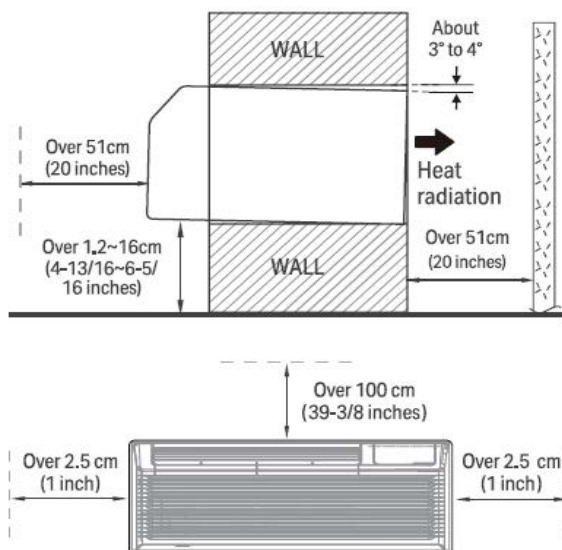
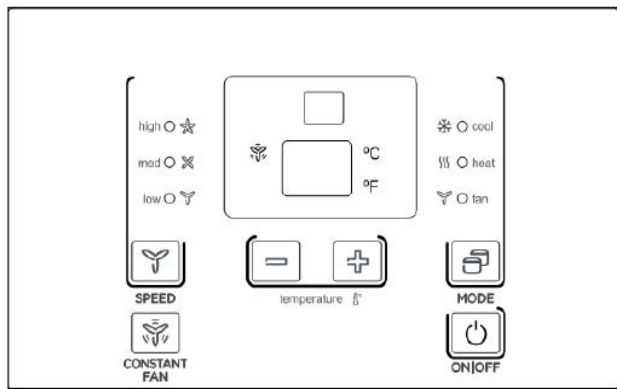
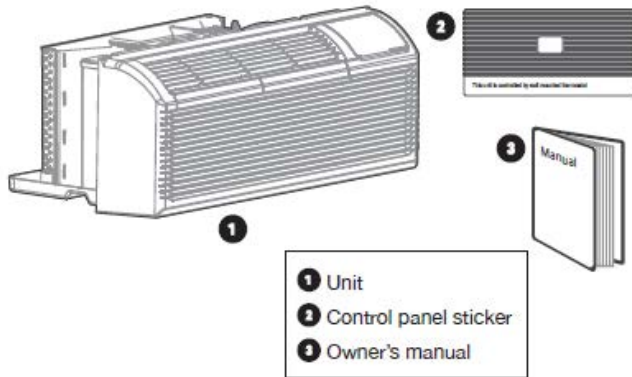
Power supply		V-Ph-Hz	208 230V 1Ph.FREQUENCY_60HZ
Cooling(Standard conditions)	Capacity	Btu/h	9300/9200
	Input	W	820/810
	Current	A	4.2/4.6
	EER	Btu/h/W	11.4
Heating(PTC)	Capacity	Btu/h	10900/8900
	Input(Heater)	W	3500/2897
	Current	A	15.3/13.7
	COP	W/W	3.40
Heating(Heat pump)(Standard conditions)	Capacity	Btu/h	8100/7900
	Input	W	720/690
	Current	A	3.9/4.3
	COP	W/W	3.40
Starting current		A	45.9
Compressor	Model		KSN82N13VDZB1
	Type		ROTARY
	Brand		GMCC
	Capacity	W	2970/3015 ±3% W
	Input	W	710/718 ±3% W
	Rated current	A	3.45/3.15 ±3% A
	Locked rotor Amp(LRA)	A	(at 1φ-240V-60Hz) +10% 20 A
	Thermal protector		/
	Thermal protector position		INTERNAL
	Capacitor	uF	20
Indoor side fan motor(DC)	Model		YKT-37-4-203L
	Speed(hi/mi/lo)	r/min	930/800 1110/1020
	Insulation class		B
	Waterproofing class		IP20
Outdoor side fan motor	Model		YKT-37-4-203L
	Input	W	71
	Capacitor	uF	3
	Speed(hi/mi/lo)	r/min	1365
	Capacitor class		S3
Evaporator	Insulation class		B
	a.Number of rows		2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37
	c.Fin spacing	mm	1.2
	d.Fin type (code)		Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7.Inner groove tube
	f.Coil length x height x width	mm	700x252x26.74
	g.Number of circuits		2
Indoor side air flow(Hi/Mi/Lo)		m ³ /h	617/0/510
	1 m ³ /h = 0.588 ft ³ /min	ft ³ /min	362.94//300.00
Indoor side noise level (Hi/Mi/Lo)		dB(A)	50/0/49.5
Condenser	a.Number of rows		2
	b.Tube pitch(a)x row pitch(b)	mm	19.5x11.6
	c.Fin spacing	mm	1.2
	d.Fin type (code)		Unhydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7.Inner groove tube
	f.Coil length x height x width	mm	637x351x23.2
	g.Number of circuits		2
Outdoor side noise level(Hi)		dB(A)	64
Refrigerant type		Refrigerant type	R32
		kg	0.43
		oz(1kg=35.274oz)	15.16782
Design pressure(145psi=1MPa)(L/H)		psi	300/580
Connection wiring			12#x3
Plug type			LCDI(6-20P)
Control type			Electronic Control
Operation temp	indoor(cooling/heating)	°C	17-32/0-27
		°F(=°C*1.8+32)	///
	outdoor(cooling/heating)	°C	18-43/-5-24
		°F(=°C*1.8+32)	///
Dimension(W*D*H)		mm	1067x532x406
		in	42.01x20.94x15.98
Packing (W*D*H)		mm	1130x625x490
		in	44.49x24.61x19.29
Net/Gross weight		kg	45/49
		lb	99.21/108.03
Loading quantity 20' /40' /40'HQ		Pieces	72/152/190

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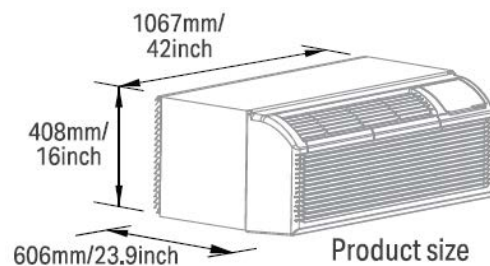
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WHAT IS IN THE PACKAGE



Wall sleeve size requirements (wall hole size should refer to the wall sleeve size)



*Wall sleeve/ back panel not included