4PTC15A-HE-3.5 PTAC PRODUCT SPECIFICATIONS

Perfect Aire® 15,000 BTU 230V
PTAC Cooling w/ 3.5 kW Electric Heat Assist



FULL REPLACEMENT 30 MONTH WARRANTY

AHRI CERTIFIED www.ahridirectory.org
Globally Recognized. Industry Respected.

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20A – 230V

Power supply		V-Ph-Hz	208_230V_1Ph,FREQUENCY_60HZ
Cooling(Standard conditions)	Capacity	Btu/h	14700/14500
	Input	W	1390/1370
	Current	A	7.5/8.9
	EER	Btu/h/W	10.6
Heating(PTC)	Capacity	Btu/h	10900/8900
	Input(Heater)	W	3500/2897
	Current	A	15.3/13.7
Heating(Heat pump)(Standard conditions)	Capacity	Btu/h	0
	Input	W	0
	Current	A	0
	COP	W/W	0
Starting current		A	45.9
Compressor	Model		KSM125N1UEZ
	Type		ROTARY
	Brand		GMCC
	Capacity	W	3825±3%
	Input	W	1300±3%
	Rated current	A	6.35
	Locked rotor Amp(LRA)	A	（at 1φ-240V-60Hz）34.5 ±10% A
	Thermal protector		HPA-430KH
	Thermal protector position		INTERNAL
	Capacitor	uF	60
	Refrigerant oil/oil charge	ml	VG68·300±15 ml
Indoor side fan motor(DC)	Model		ZKFP-25-8-157L
	Speed(hi/mi/lo)	r/min	1100/930 ; 1100/1020
	Insulation class		B
	Waterproofing class		IP20
Outdoor side fan motor	Model		YKT-58-4-3L
	Input	W	87
	Capacitor	uF	3
	Speed(hi/mi/lo)	r/min	1580
	Capacitor class		S3
	Insulation class		B
Evaporator	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)		m3/h	731/0/594
	1 m3/h = 0.588 ft3/min	ft3/min	430.00///349.41
Indoor side noise level (Hi/Mi/Lo)		dB(A)	51/0/50.5
Condenser	a.Number of rows		3
	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	Φ5,Inner groove tube
	f.Coil length x height x width	mm	637x351x34.8
	g.Number of circuits		3
Outdoor side noise level(Hi)		dB(A)	65
Refrigerant type		Refrigerant type	R32
		kg	0.61
		oz(1kg=35.274oz)	21.51714
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)	℃	17-32/0-27
		℉(=℃*1.8+32)	///
	outdoor(cooling/heating)	℃	18-43/-5-24
		℉(=℃*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	48/52
		lb	105.82/114.64
Loading quantity 20' /40' /40'HQ		Pieces	72/152/190

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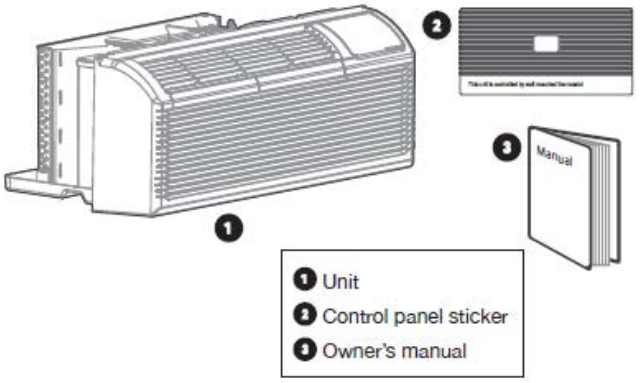
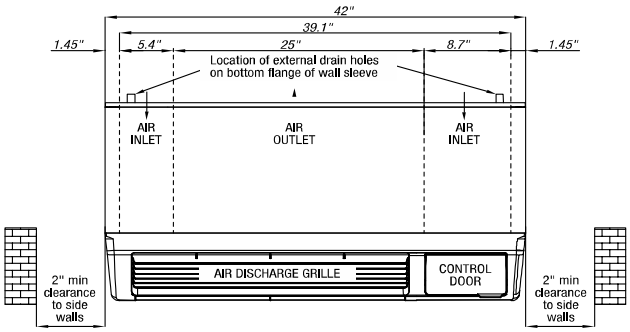
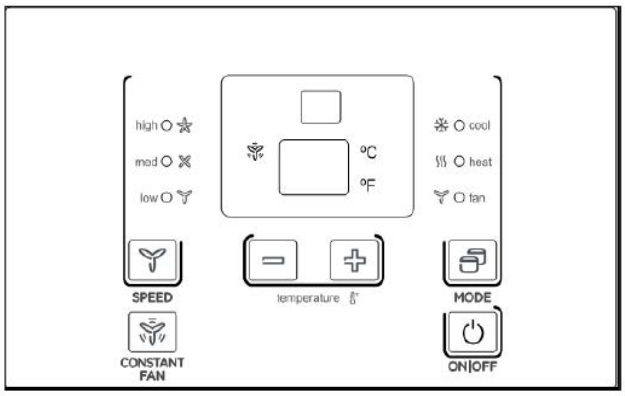
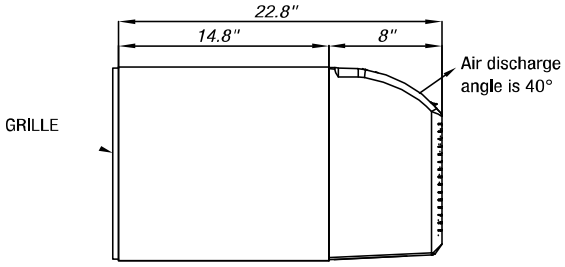
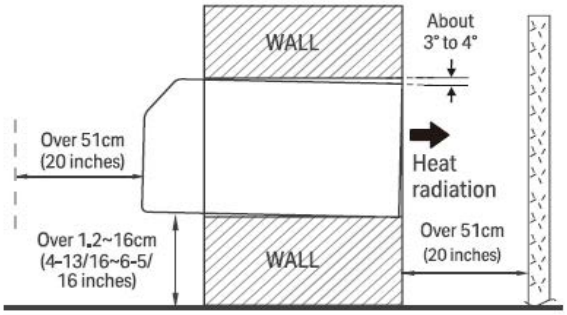
WHAT IS IN THE PACKAGE

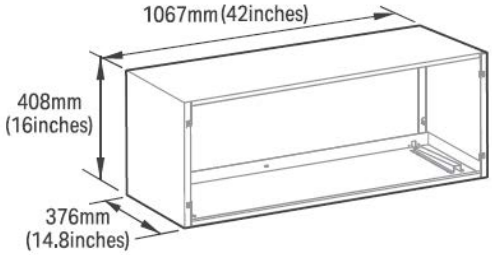




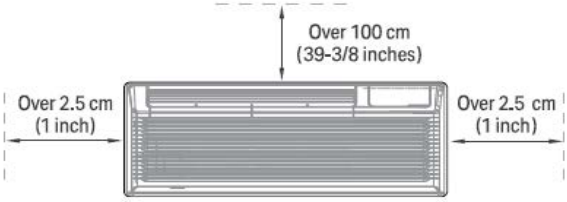


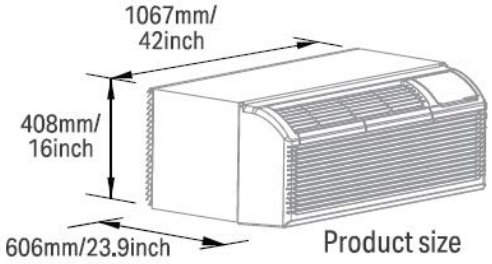






Wall sleeve size requirements (wall hole size should refer to the wall sleeve size)





***Wall sleeve/ back panel not included**

02/2023