



## INVERTER PTAC

### RESIDENTIAL & LIGHT COMMERCIAL

TIMELESS DESIGN ENSURES PROPER FIT AND PERFORMANCE. LOOK NO FURTHER THAN AIRDACH PTAC SERIES FOR TRUE COMFORT. AVAILABLE IN TWO OF THE MOST POPULAR CAPACITIES FOR SINGLE LIVING SPACES.



**DESIGNED  
TO MEET  
YOUR STANDARDS**



## FEATURES

- DEHUMIDIFICATION FUNCTION
- SLEEP TIMER FOR UNATTENDED OPERATION
- AIR FLOW CONTROL
- MEMORY STARTUP AFTER POWER FAILURE
- AUTO FAN COOLING FUNCTION
- SOFT START OPERATION
- OUTSIDE AIR VENTILATION

**HOSPITALITY | RESIDENTIAL - WALKUPS - CONDOMINIUMS**

MODELS  
APTAC-H12IG-1 | APTAC-H15IG-1

PROFESSIONAL INSTALLATION RECOMMENDED - R32 REFRIGERANT - 220V APPLICATIONS  
CONSULT YOUR AIR CONDITIONING PROFESSIONAL FOR MORE DETAILS. SEE REVERSE FOR PRODUCT INFORMATION.

**OLDACH**  
REFRIGERATION, AIR CONDITIONING & VENTILATION SUPPLIER

OPERATIONAL VALUES PER MODEL		CAPACITIES	APTAC-H12IG-1	APTAC-H15IG-1
Power Supply	V-Ph-Hz		208~230/1Ph/60Hz	208~230/1Ph/60Hz
Cooling Capacity	BTU/h		12,000	15,000
Heating Capacity	BTU/h		11800	13500
Cooling Power Input	W		970	1400
Heating Power Input	W		940	1160
Electric Heating Power Input	W		2870/3500	2870/3500
Cooling Current Input	A		5.5/5.5	7.5/7.5
Heating Current Input	A		5.0/5.0	6.0/6.0
Electric Heating Current Input	A		14/15.4	14/15.4
Rated Input	W		Cooling 1260 / Heating 1110 / Electric Heating 3500	Cooling 1730 / Heating 1420 / Electric Heating 3500
Rated Current	A		Cooling 6.8A / Heating 5.3A / Electric Heating 15.4	Cooling 9.0 / Heating / 8.0A / Electric Heating 15.4
EER	W/W		3.63	3.10
EER	(BTU/h)/W		12.4	10.7
COP	W/W		3.66	3.4
COP	(BTU/h)/W		12.5	11.6
SEER	Rating		15.19	12.22
Recommended Power Cable(Core)	N		3	3
Min/Max. Voltage	AC Volts		187.2v / 253v	187.2v / 253v
Air Flow Volume(H)	CFM		323.675	324
Air Flow Volume(M)	CFM		276.595	277
Air Flow Volume(L)	CFM		247.17	247
Dehumidifying Volume	L/h		1.5	1.5
Dehumidifying Volume	Pint/h		3.17	3.17
Application Area	m2		16-24	16-24
Permissible Excessive Operating Pressure - Discharge Side	MPa		4.9	4.9
Permissible Excessive Operating Pressure - Suction Side	MPa		2.5	2.5
Maximum Allowable Pressure	MPa		4.9	4.9
Throttling Method	Type		Capillary	Capillary
Defrosting Method	Mode		-	Automatic Defrosting
Climate	Type		T1	T1
Isolation	-		I	I
Moisture Protection	Location		IPX4(OUTDOOR)	IPX4(OUTDOOR)
Dimension (W)	inch		42	42
Dimension (H)	inch		16	16
Dimension (D)	inch		21	21
Dimension of Carton Box (L)	inch		45	45
Dimension of Carton Box (W)	inch		26	26
Dimension of Carton Box (H)	inch		18	18
Dimension of Package(L)	inch		45	45
Dimension of Package(W)	inch		26	26
Dimension of Package(H)	inch		18	18
Net Weight	lb		110.25	112.5
Gross Weight	lb		122.378	124.6
Refrigerant	Type		R32	R32
Refrigerant Charge	oz		28.57	28.92
Stacked Layers	-		5	5
Fan	Type		Cross-flow	Cross-flow
Fan Diameter Length(DxL)	inch		(4 55/72) x (27 35/44)	(4 55/72) x (27 35/44)
Cooling Speed	r/min		1080/960/880	1180/1060/920
Heating Speed	r/min		950/1050/1150	950/1050/1150
Fan Motor Power Output	W		45	45
Fan Motor RLA	A		0.22	0.22
Evaporator	Form		Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
Fuse Current	A		15.00	15.00
Set Temperature Range	°C		16 ~ 30	16 ~ 30
Sound Pressure Level (L/M/H)	dB (A)		49/50/51	51/52/53
Sound Power Level (L/M/H)	dB (A)		61/62/63	61/62/63
Compressor Oil	Type		FW68DA or equivalent	FW68DA or equivalent
Compressor	Type		Rotary	Rotary
Compressor RLA	A		4.60	5
Compressor Power Input	W		1064	1096
Compressor Overload Protector	Type		HPC1115/95U1/KSD115°C	HPC115/95U1
Fan	Type		Axial-flow	Axial-flow
Fan Diameter	inch		14	14
Fan Motor Speed	rpm		1340/1120	1340/1120
Fan Motor Power Output	W		20	20
Fan Motor RLA	A		0.52	0.52
Outdoor Unit Air Flow Volume	CFM		565	565
Condenser	Form		Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
Condenser Pipe Diameter	inch		φ8/29	φ8/29
Condenser Rows-fin Gap	inch		3/2/39	3-2/39
Condenser Coil Length (LxDxW)	inch		(30 7/10) x ( 13 1/2 ) x(1 1/2)	(30 7/10) x ( 13 1/2 ) x(1 1/2)
Cooling Operation Ambient Temperature Range	°C		18-46.1	18-46.1
Heating Operation Ambient Temperature Range	°C		-7-25	-7-25
Sound Pressure Level (H)	dB (A)		69	69
Sound Power Level (L)	dB (A)		79	-