THRU-THE-WALL/BUILT-IN AIR CONDITIONERS PRODUCT INFORMATION



Available two-stage electric heat for energy savings!!

Highest Efficiency

Incredibly Quiet

condensor fan and evapo-

of room, reducing operating

• Inverter compressor,

rator fan slow to match

sound levels.

 In real-world conditions, the modulating inverter chassis means inefficient start/stop of the compressor is eliminated.

• Elimination of compressor start/stop means

the room is much quieter in part-load conditions



Consistent Dehumidification

 Modulating inverter technology ensures a cold condensing evaporator coil in part-load to keep comfortable humidity levels, eliminating clamminess in humid conditions.

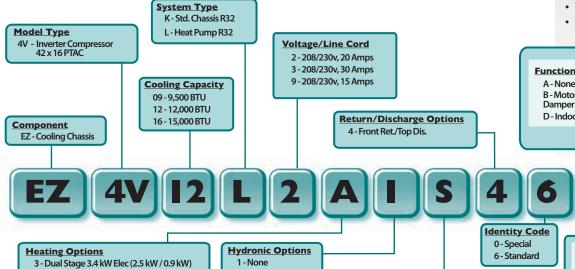
The EZ4V Series Inverter Heat Pump incorporates state-of-the-art inverter technology, and it fits into standard 16" x 42" PTAC wall sleeves. The technology is the culmination of years of research to develop a PTAC to clearly lead the market with the low energy consumption and low sound levels. Dramatic energy savings and sound reduction is achieved by modulating the output of the PTAC to match the cooling or heating demands of the room, eliminating costly and noisy compressor cycling. The EZ4V Series units are designed and manufactured for new construction or the replacement of existing Amana, GE, LG, Friedrich, Gree, Trane and all other 42" by 16" PTACs & PTHPs. The product is designed for individually-zoned, comfort-controlled heating and cooling. Standard warranty is a one year parts and labor including five year sealed system part only warranty or a two year parts only including a five year sealed system part only warranty.

FEATURES:

- Dual fan motors
- · Quiet and energy-efficient compressor
- Superior temperature control
- Conventional thermostat compatible for heat pump applications
- Modern and elegant appearance
- Washable filter for easy cleaning
- User friendly control panel, remote controller and wall thermostat
- Compressor freeze protection
- Manual fresh air damper
- Random start-up delay after power
- Room side freeze protection (optional)
- On-board Diagnostics

ACCESSORIES:

- 18 gauge insulated wall sleeve
- Condensate removal kit
- · Architectural louver
- Sub-base kit
- · Electrical sub-base kit
- Wired remote thermostat
- · Wireless remote thermostat
- I.R. motion sensor
- Door switch
- Duct kit
- · Locking control cover



Functional Options

B - Motorized Fresh Air

D - Indoor Freeze Protect

Functional
Option Codes*

A-A R-R

L -BD

2 -D *Codes are entered into model number.

4 - Dual Stage 5.0 kW Elec (3 kW / 2 kW)

A - None Cooling Only

Room Controls

E-Wireless Thermostat (type must be specified when placing order) F-Wall Thermostat Interface, Master

G-Wall Thermostat Interface, Slave

N - Wall Thermostat Interface, Std. Elect. Cntrls S - Std. Electronic Controls (Unit Mounted)

Power Mgt. Options

A - None

C - Energy Mgt. N/O

D - Energy Mgt. N/C

A - A P-C T -D

Power Mgt. Codes*

*Codes are entered into model number.



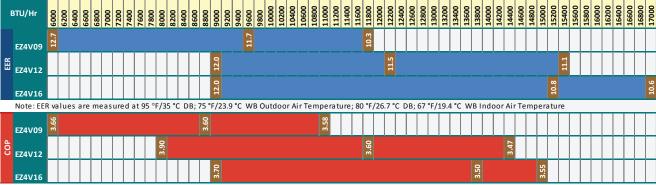
THRU-THE-WALL/BUILT-IN AIR CONDITIONERS





MODELS					
	EZ09	EZ12	EZ16		
VOLTS	208 / 230	208 / 230	208 / 230		
AMPS (COOL)	3.87 / 3.57	5.10 / 4.61	6.68 / 6.11		
BTUH COOL (STANDARD RATING) (1)	9,400 / 9,600	12,200 / 12,200	15,000 / 15,200		
BTUH COOL (EXTENDED RATING)	6,000 - 11,800	9,000 - 15,400	9,000 - 17,000		
WATTS COOL	805 / 820	1,060 / 1,060	1,390 / 1,405		
EER ^{(1) (2)}	11.7 / 11.7	11.5 / 11.5	10.8 / 10.8		
EER Range	12.7 - 10.3	12.0 - 11.1	12.0 - 10.6		
BTUH HEAT (STANDARD RATING) (1)	8,500 / 8,800	11,800 / 11,900	13,600 / 13,800		
BTUH HEAT (EXTENDED RATING)	5,606 - 11,475	6,995 - 16,187	6,995 - 16,187		
AMPS (HEAT)	3.4 / 3.1	4.7 / 4.3	5.5 / 5.1		
WATTS HEAT	695 / 720	960 / 970	1,160 / 1,170		
C.O.P. (1) (2)	3.6 / 3.6	3.6 / 3.6	3.4 / 3.5		
C.O.P. Range	3.66 - 3.58	3.90 - 3.47	3.70 - 3.55		
CFM HIGH COOL	420	470	470		
CFM LOW COOL/HEAT	290	360	360		
NOISE INDOOR/ OUTDOOR (DBA)	42/50	46/52	46/52		
SHIPPING WEIGHT (LB)	119 / 106	123 / 110	123 / 110		

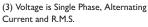
Where applicable, cooling capacities are specified at conditions of 95 °F DB/75 °F WB (35 °C DB/24 °C WB) outdoor and 80 °F DB/67 °F WB (27 °C DB/19 °C WB) indoor and heating capacities are specified at conditions of 47 °F DB/43 °F WB (8 °C DB/6 °C WB) outdoor and 70 °F DB/60 °F WB (21 °C DB/16 °C WB) indoor in accordance with AHRI 310/380 and CSA C744 standards. Wattage, Amperage, EER, and COP listings include compressor, evaporator motor and condenser fan motor. The above ratings are a typical heat pump style unit.



Note: COP values are measured at 47 °F/8.3 °C DB; 43 °F/6.1 °C WB Outdoor Air Temperature; 70 °F/21.1 °C DB; 60 °F/15.6 °C WB Indoor Air Temperature

Heating Option	Voltage (3)	Wattage	BTU/h	Amps (4)
	208	2,780	9,500	13.37
3	230	3,400	11,600	14.78
	277	3,600	12,300	13.00
	208	4,090	14,000	19.66
4	230	5,000	17,100	21.74
	277	5,000	17,100	18.05
	208	1,635	5,600	7.87
0	230	2,000	6,800	8.70
	277	2,500	8,500	9.03
	208	2,045	7,000	9.83
В	230	2,500	8,500	10.87
	277	2,500	8,500	9.03

Line Voltage	Maximum Amperage	Wall Socket Configuration	Receptacle Number	Electrical Heat Options
208/230	12	•	NEMA 6-15R	2.0 - 2.5
208/230	16	<u>-</u> }	NEMA 6-20R	3.4
208/230	24	•	NEMA 6-30R	4.2 - 5.0



⁽⁴⁾ Amp values are for heater element only.



^{*}Islandaire has a policy of continuous improvement of its products and reserves the right to change the materials and specifications without notice.

THRU-THE-WALL/BUILT-IN AIR CONDITIONERS
PRODUCT INFORMATION



EZ4V Inverter: The Benefits of Inverter Technology

The EZ Series 42 Inverter Heatpump incorporates state-of-the-art inverter technology not found in any other PTAC, yet it fits into standard 16" x 42" PTAC wall sleeves. The technology is the culmination of years of research to develop a PTAC to clearly lead the market with the lowest energy consumption, most consistent dehumidification, best conditioned air and the lowest sound levels.

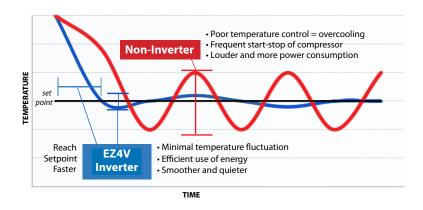
Although published EER's will be similar to other PTACs, based on laboratory testing simulating real-world installations, up to a 30% reduction in energy consumption can be expected with the Islandaire EZ4V Series PTAC when compared to other PTACs! Dramatic energy savings and sound reduction is achieved by modulating the output of the PTAC to match the cooling or heating demands of the room, eliminating costly and noisy compressor cycling.

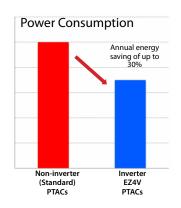
Non-Inverter PTACS

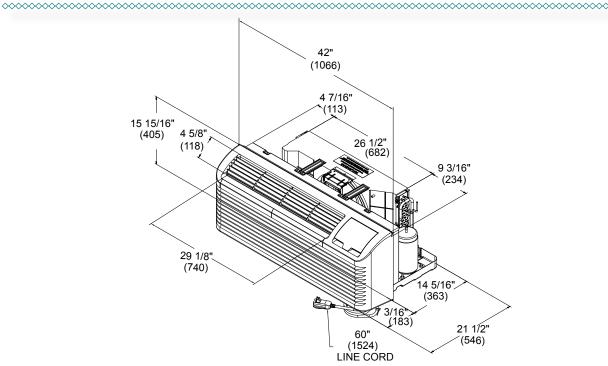
Run the compressor at full RPM or zero RPM (on or off). The on/ off compressor cycling in partload conditions wastes substantial amounts of electric power.

EZ4V Inverter PTACS

Slow the compressor RPM to match the part-load cooling or heating power required. A substantial reduction in power consumption occurs







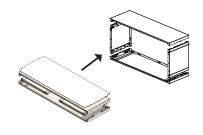
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WALL SLEEVES								
PART NUMBER	DESCRIPTION	DESCRIPTION APPROX WT.				DIMENSION		
Consult Factory	Custom Wall Sleeves available for all building types/wall thicknesses	-	-	-	-			
2400405-08	EZ4V Wall Sleeve, Recessed Louver	34.0 lb.	15.00"	42.00"	16.00"			
2401135-08	EZ4V Wall Sleeve Assembly, Break Down	33.0 lb.	13.75"	42.00"	16.00"			
1090339-08	EZ4V Wall Sleeve Extension Kit	5.0 lb.	2.000"	42.00"	16.00"			



LOUVERS						
PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS			
	5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	711 1 110/1111	DEPTH	WIDTH	HEIGHT	
6070264	EZ4V Stamped Louver, Formed, Standard (use with 2401135-00 wall sleeve)	5.0 lb.	1.063"	41.00"	15.50″	
6070422	EZ4V Architectural Louver, External, Standard (use with 2401135-00 wall sleeve)	7.0 lb.	1.125"	42.00"	15.90″	
6070134	EZ4V Louver, Recessed (use with 2400405-00 wall sleeve)	7.0 lb.	1.125"	41.50"	15.50″	



THERMOSTATS						
PART NUMBER	DESCRIPTION	APPROX	FEATURES			
TAIRT NOMBER	DESCRIPTION	WT.	CONNECTION	STAGE	DISPLAY	
6041206	Islandaire Non-Programmable, 2 Fan Speed	1.0 lbs.	Wireless	Single	Horizontal	
6041210	Islandaire Programmable , 2 Fan Speed	1.0 lbs.	Wireless	Single	Horizontal	
6041228	Islandaire Programmable (7 Day/5-1-1 Day/ Non-Programmable), Two Fan Speed	1.0 lbs.	Wired	Single	Horizontal	
6041373	Islandaire Wireless, WiFi Programmable	1.0 lbs.	Wireless	Single	Horizontal	



FILTERS					
PART NUMBER	DESCRIPTION	APPROX WT.	DEPTH	DIMENSION WIDTH	IS HEIGHT
6080067	EZ4V Plastic Filter (2 Pieces), Standard	2.0 lb.	N/A	N/A	N/A



SUBBASES						
PART NUMBER DESCRIPTION APPROX WT. FEATURE OF THE PROPERTY OF					HEIGHT	
4083349	EZSB4203EMR12S00F00V00	14.5 lb.	208/230v	15/20A	3.00"	
4083350	EZSB4203EMR13S00F00V00	15.0 lb.	208/230v	30A	3.00"	
4083351	EZSB4203EMR15S00F00V00	13.0 lb.	265/277v	20A	3.00"	
4083352	EZSB4203BPR00S00F00V00	13.0 lb.	N/A	N/A	3.00"	
4083200	EZSB4204EMR12S00F20V00	13.0 lb.	208/230v	15/20A	4.00"	
4084008	EZSB4205EMR12S00F00V00	13.0 lb.	208/230v	15/20A	5.00"	



OTHER OPTIONS					
PART NUMBER	DESCRIPTION	APPROX WT.	FEATURES		
4090345	EZ4V Louver Hardware Kit #10-32	1.0 lb.	-		
4090661	EZ4V External/Internal Drain Kit	1.0 lb.	-		
4090970	EZ4V Stamped Louver Hardware Kit	1.0 lb.	-		
4091104	EZ4V Air Deflector Kit, Standard	5.0 lb.	-		
6041146	EZ4V Hand Held Remote Replacement	1.5 lb.	-		
6130133	EZ4V Front Panel (Plastic)	10.0 lb.	-		



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Ask your salesman about our DR. VTAC option!*



*100% conditioned fresh air

Vertical Unit Available

For New Construction and as Replacement for:

GE AZ Vertical and Friedrich Vert-I-Pak









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