

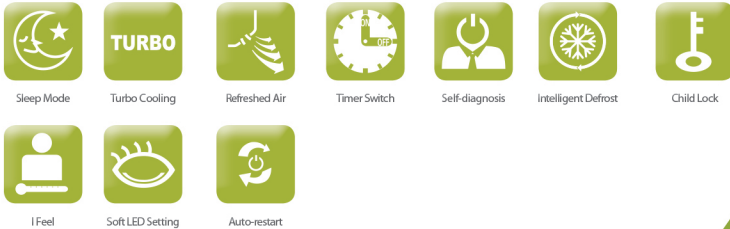
# PEARL MINI SPLIT INVERTER SERIES



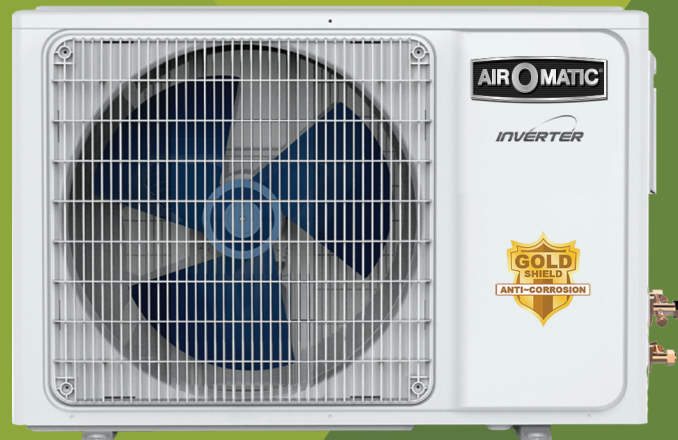
LIMITLESS SOLUTIONS IN THE AIR CONDITIONING INDUSTRY

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17  
SEER

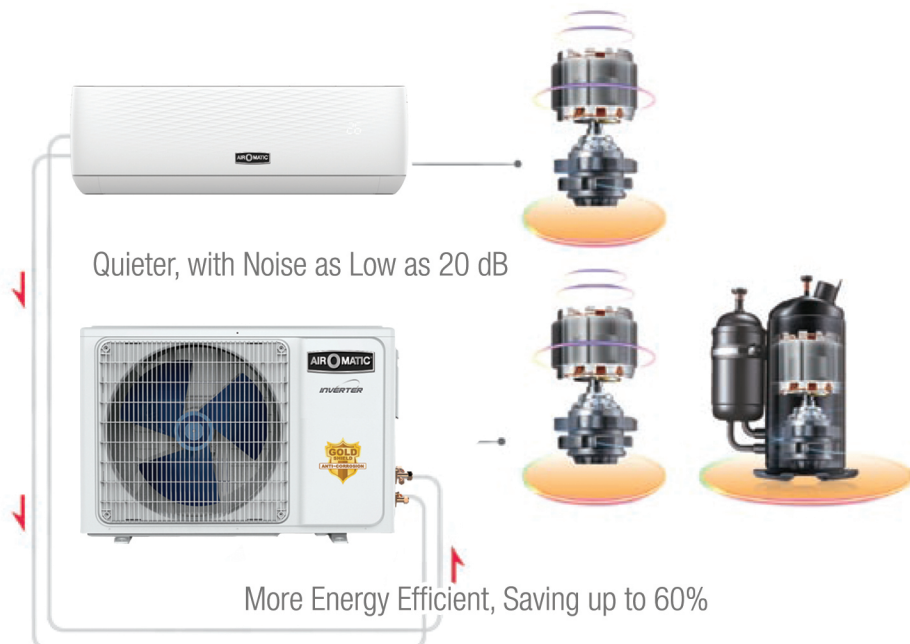


- 17 SEER INVERTER HIGH EFFICIENCY
- TURBO COOLING FUNCTION
- STYLISH DESIGN WITH HIDDEN DISPLAY
- GOLDFIN EVAPORATOR & CONDENSER
- INSTALLATION KIT INCLUDED
- QUIET OPERATION & SLEEP MODE
- ECO-FRIENDLY R410A



INVERTER





## AIR O Matic 3D DC Inverter Technology

The high efficiency DC inverter compressor and brushless DC motors, combined with full DC control safeguards motor speed and refrigerant flow through real-time adjustments to changes in the environment, thus ensuring maximum cooling and heating efficiency.

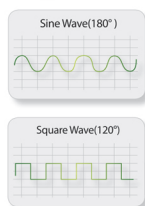
## More Comfortable Precise Temperature Control

Different cooling capacities are realized by adjusting the frequency of the compressor power supply, which enables more precise temperature control as well as greater comfort.

## 180° Sine Wave

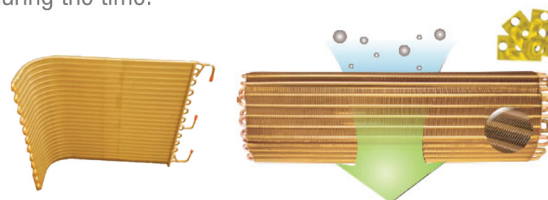
Ensures a smooth sine wave current that allows the driving compressor to run smoothly and efficiently. The advantages of this wave over the 120° square wave include:

- Greater Operating Frequency and Voltage Range
- More Energy-Efficient
- Reduces tip pulsing noise to a minimum
- Compressor runs more smoothly



## Golden Fin Anti-Corrosion Treatment

Provides more strength to prevent corrosion, compared to that of conventional units, also protecting its integrity and services during the time.



AIR O Matic PRODUCT SPECIFICATION SHEET					
	Capacity	Btu/h	12,000	18,000	24,000
	Model		AOMEC12DPE17	AOMEC18DPE17	AOMEC24DPE17
Power supply		V,Hz,Ph	208-230V~,60HZ,1Ph	208-230V~,60HZ,1Ph	208-230V~,60HZ,1Ph
	Input	W	1200 (210-1700)	1800 (300-2340)	2400 (390-3350)
	Rated current	A	5.6 (1.1-7.8)	8.4 (1.4-10.8)	10.7 (1.8-15.5)
	SEER	W/W	17	16	17
MINIMUM CIRCUIT AMPACITY		A	7.9	6.5	11
MAX.FUSE		A	15	15	15
Indoor Unit	Brand		GMCC	GMCC	GMCC
	Capacity	Btu/h	3260	4050	4470
	Input	W	825	1025	1145
	Rated current(RLA)	A	5.8	4.2	8.0
	Dimension(W*D*H)	inch	31.2×11.5×7.9	37.0×12.4×8.8	44.6×13.0×9.1
	Packing Dimension (W*D*H)	inch	34.6×14.6×11.4	39.8×15.2×12.2	47.6×15.7×12.9
	Net weight	lbs.	18.7	26.4	29.8
	Gross weight	lbs.	26.4	35.3	38.6
Outdoor noise level		dB(A)	52	56	60
	Dimension(W*D*H)	inch	28.5×11.1×21.2	31.5×21.5×12.4	32.5×25.8×12.2
	Packing Dimension (W*D*H)	inch	33.1×14.4×24.1	36.2×15.7×24.4	37.2×17.1×28.5
	Net weight	lbs.	61.7	70.5	88.2
	Gross weight	lbs.	70.5	79.3	97.0
Refrigerant Charged		oz	28.20	38.80	50.09
Design pressure		PSIG	167/602	167/602	167/602
Refrigerant piping	Liquid side/ Gas side	(inch)	(1/4) / (1/2)	(1/4) / (1/2)	(1/4) / (5/8)
	Max. refrigerant pipe length	ft	82	82	82
	Max. difference in level	ft	33	49	49
Connection wiring			(4*18AWG)*4.5m	(4*18AWG)*4.5m	(4*18AWG)*4.5m
Container Loading 20/40/40HC		sets	240	200	154

\* Specifications are subject to change without notice. \* Model numbers, pictures, and specifications of all products are subject to change without further notice.



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