

OMNIAIR

World's Most Efficient Air to Water Heat Pump





OVERVIEW

Introducing the award-winning, certified "World's Most Efficient" air-to-water heat pump, our cutting-edge HVAC solution offers unmatched efficiency with an EER of up to 35 and dynamic humidity control. Designed to be carbon-friendly, highly efficient, and safe, OMNIAIR is redefining the HVAC industry. It is the perfect solution for small commercial spaces, multi-unit residential buildings, hotels, motels, hostels, and schools, providing up to 50% greater efficiency compared to conventional systems, all with simple installation.

KEY FEATURES

Universal Applications

Efficiently handles heating, cooling, hot water, and dehumidification needs across various scenarios.

Quality Components

Best-of-breed components ensure high reliability and performance with durability.

Safety and Compliance

Monobloc design prevents refrigerant leaks, ensuring health safety and compliance with future regulations.

Reliability

Factory-sealed refrigerant circuit minimizes common HVAC failures for peace of mind with every installation.

Dynamic Control

Advanced controls optimize efficiency, suitable for small commercial and residential applications.



ADVANTAGES



01 UNMATCHED EFFICIENCY

Achieve up to 50% energy savings with an EER of 35, significantly cutting utility costs by delivering highly efficient heating and cooling. This enhanced efficiency ensures optimal energy usage, reducing overall expenses while maintaining comfortable and reliable climate control.

02 ENVIRONMENTAL IMPACT

Lower carbon footprints help align with sustainability goals, making the system an attractive choice for eco-conscious users who prioritize environmental responsibility while maintaining high efficiency and performance.

03 VERSATILE APPLICATIONS

Ideal for a wide range of settings, from homes to hotels, effectively meeting diverse heating and cooling needs with exceptional efficiency and performance.

04 EASE OF INSTALLATION

The factory-sealed design enables fast, cost-effective installation without the need for special tools, streamlining the process and reducing installation time. Additionally, the system integrates seamlessly with PEX pipe, offering a flexible and durable solution for efficient water distribution.

PRODUCT



CX35 R32 DC Dual Inverter Heat Pump Specifications			
Per AHRI 550/590	Ambient / LWT (°F)	Capacity BTU / COP	
Heating	47F / 95F	40,468	4.90
	32F / 95F	31,118	3.88
	17F / 95F	25,113	3.24
Cooling	IPLV EER (W 44F)	24,038	22.40
	EER (A 95F W44)	24,039	10.25
Compressor	Dual Inverter Rotary	Mitsubishi	
MCA / Max Fuse		16a / 20a	
Power		208-240V/50-60Hz	
Max.Water Temperature (F)		131F	
Operating Range (F)		-13F ~122F	
Refrigerant Circuit	Refrigerant	R32	
	DC Inverter Compressor	Dual Rotary	
	Heat Exchange	Cu/Al Anti-Corrosion	
	Refrigerant Weight	2.35 Kg.	
Water Circuit	Heat Exchanger	Stainless 316 BPHE	
	Water Connections	1" NPT	
	Water flow (Max)	8 GPM	
	Max / Suggested Pressure	90 PSI / 25 PSI	



CX50 R32 DC Dual Inverter Heat Pump Specifications			
Per AHRI 550/590	Ambient / LWT (°F)	Capacity BTU / COP	
Heating	47F / 95F	56,983	4.62
	32F / 95F	45,347	3.71
	17F / 95F	37,636	3.12
Cooling	IPLV EER (W 44F)	41,285	21.18
	EER (A 95F W44)	41,285	10.27
Compressor	Dual Inverter Rotary	Mitsubishi	
RLA / LRA / Min Circuit		17a / 24a / 30a	
Power		208-240V/50-60Hz	
Max.Water Temperature (F)		131F	
Operating Range (F)		-17F ~122F	
Refrigerant Circuit	Refrigerant	R32	
	DC Inverter Compressor	Dual Rotary	
	Heat Exchange	Cu/Al Anti-Corrosion	
	Refrigerant Weight	2.8 Kg / 98.8 Oz.	
Water Circuit	Heat Exchanger	Stainless 316 BPHE	
	Water Connections	1.25" NPT	
	Water flow (Max)	13 GPM	
	Max / Suggested Pressure	90 PSI / 25 PSI	

MARKET NEEDS

Market Segment	Needs Addressed
Modular Home Communities	Energy-efficient solutions that reduce living costs and environmental impact.
Low-Income Housing	Affordable heating and cooling options, promoting comfort and accessibility.
Veterans Housing	Reliable systems that provide safe and efficient living conditions for veterans.
Hospitality Sector	Hotels, motels, and hostels benefit from energy savings and enhanced guest comfort.
Mobile Homes	Compact and efficient solutions for space-limited environments.
Elder Care Centers	Systems that prioritize safety and comfort for vulnerable populations.
Apartment Complexes	Solutions that optimize energy efficiency while meeting the demands of multiple units.



Tailoring marketing strategies for diverse needs means customizing approaches to engage different segments.

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THANK YOU