

12
YEAR
WARRANTY*

VISIT ACIQ.COM

ACIQ™

Inverter Heat Pump Systems

The Future of HVAC is Here

*7-year part warranty and a 12-year compressor warranty is only available if registered online.





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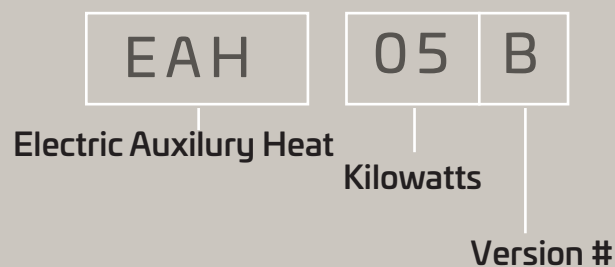
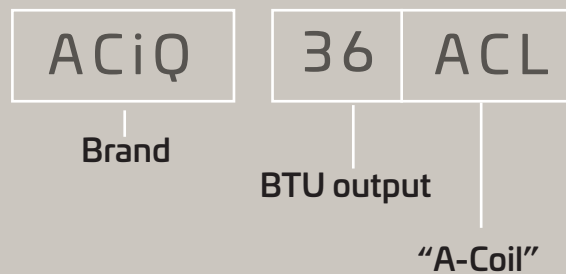
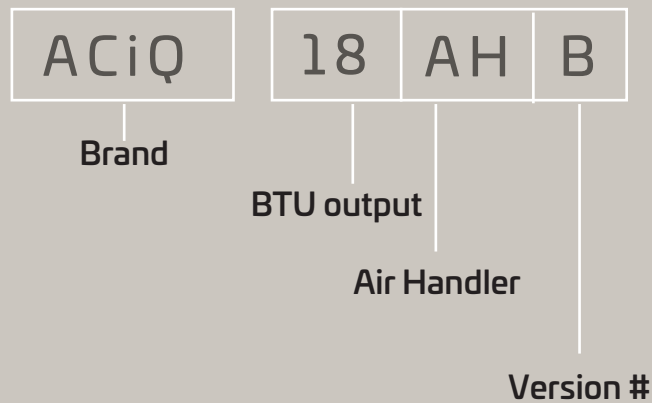
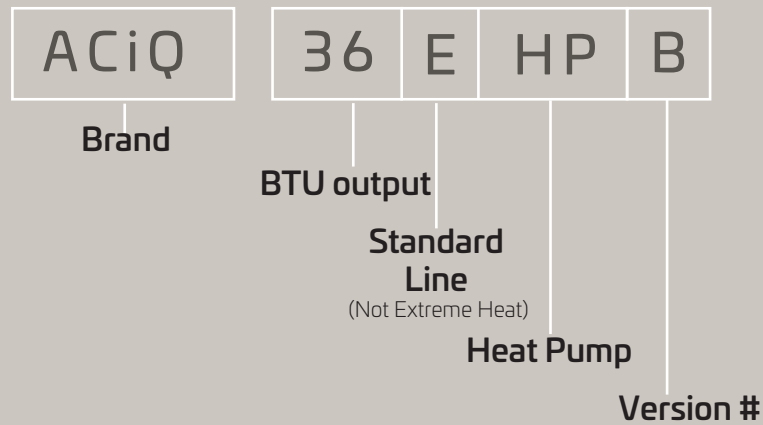
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01



DC Inverter

Inverter Technology

Air conditioning units equipped with an inverter and a variable-speed compressor consume less energy and operate noticeably quieter compared to traditional counterparts. In contrast to conventional systems that cycle on and off, an inverter compressor smoothly adjusts its speed to match the required capacity for maintaining the homeowner's chosen comfort levels within a conditioned zone.

02



**Durable Gold-Fin
Condenser Coating**

Gold Fin Technology

The Gold-Fin Coating stands as a formidable defense against corrosive elements, providing your system with a robust anti-corrosion layer. This advanced coating is meticulously engineered to shield your system, ensuring prolonged durability and resilience. By forming an effective barrier, it preserves the coil's integrity, allowing it to maintain outstanding heat transfer properties for an extended duration. With the Gold ShieldGuard Coating, your system not only boasts enhanced protection but also sustains optimal performance over the long term, promising enduring efficiency and reliability.

03

True Variable Speed

Variable speed systems are the pinnacle of efficiency, adjusting output based on indoor and outdoor conditions to reach your desired temperature within half a degree. Operating between 25 percent and 100 percent capacity, these systems consume less power, making them the most cost-effective choice over time.

04

Multi-positional (Upflow/Horizontal/Downflow)

Versatile and proficient in both warm and cold climates, the Multi-Position unit offers enhanced installation flexibility by accommodating various positions.

05

**Leak Detection****Leak Detection**

Cut maintenance costs by using leak detection technology, identifying issues early to streamline maintenance calls. Swift resolution not only saves time but prevents larger HVAC problems. Prioritize systems with this feature for cost savings and system longevity.

06

**Rebate Eligible****Rebate Eligible**

Elevate your efficiency and leverage tax incentives with high-efficiency heat pumps. Upgrade for advanced heating and cooling, reducing energy consumption and gaining potential tax benefits. This not only ensures cost savings but also demonstrates a commitment to sustainability, creating a win-win for your comfort and the environment.

07

**Ultra Low Temperature Operation****Ultra Low Temperature Operation**

Eliminates frost on the outdoor coil during low ambient temperatures while concurrently stopping the indoor fan to prevent the circulation of cold air into the controlled space. The system works in sub-zero temperatures and keeps from freezing or sending cold air into your house.

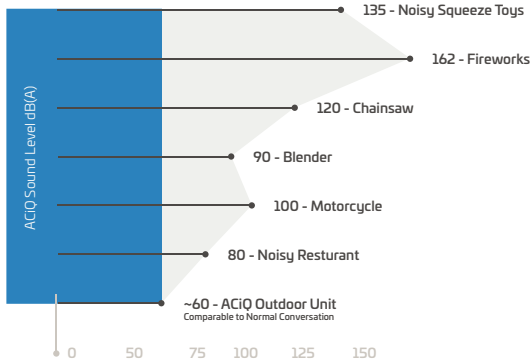
08

**Seamless Intergration****Seamless Integration**

Seamlessly integrating with any 24v thermostat, our system goes beyond standalone use. It serves as a valuable component in a dual fuel system, working in harmony with your existing gas furnace. This integration not only enhances overall efficiency but also preserves the functionality of your current setup. Enjoy the benefits of advanced technology without the need for a complete overhaul, ensuring a smooth transition to a more efficient and cost-effective heating solution.

Key Features

09



Quiet Operation

The distinctive low-vibration compressor, coupled with advanced Brushless Direct Current (BLDC) motor technology, not only eliminates unnecessary noise but also guarantees an exceptionally smooth and quiet operation. Say farewell to disruptions, and revel in the serene ambiance created by these cutting-edge technologies, ensuring a peaceful and comfortable environment in every room.

10

Mobile Home Approved

Finding a suitable HVAC unit for a mobile home can be challenging, given the diverse weather conditions across America. ACiQ is certified for use in mobile homes, ensuring that our systems can be seamlessly installed and operated in these environments.

11

Versatility

Central Ducted Inverter Systems – the same amazing condenser technology developed in mini splits but now connected to a full-size smart air handler that plugs into existing ductwork. Keep your existing ductwork and enjoy the lower monthly bills inverter technology brings.

Hybrid Inverter Systems - Can be paired with an existing furnace to create a dual fuel system for optimum efficiency.

Condenser replacement - Can seamlessly replace old or broken outdoor condenser units and instantly improve the efficiency of any existing ducted system.

Standard Series Condensers

Standard Series



Single Fan SKUs:
ACiQ-24-EHPB
ACiQ-36-EHPB

Double Fan SKUs:
ACiQ-48-EHPB
ACiQ-60-EHPB

Designed to elevate your home environment while keeping energy costs in check, ACiQ Standard Inverter Heat Pump Systems bring you the perfect blend of comfort and efficiency. Experience optimal heating and cooling with our meticulously crafted systems, embracing the future of climate control for a more sustainable and cost-effective home

System Type		Heat Pumps			
Outdoor Model		ACiQ-24-EHPB	ACiQ-36-EHPB	ACiQ-48-EHPB	ACiQ-60-EHPB
System Performance					
Cooling Capacity	Btu/h	24000 (12000-24000)	36000 (18000-37000)	48000 (34000-48000)	54000 (35000-54000)
Heating Capacity	Btu/h	24000 (12000-3000)	36000 (18000-38000)	48000 (34000-52000)	54000 (35000-60000)
SEER/EER		17 / 10.5	18 / 11	18 / 11	17 / 10.5
HSPF / COP		9.5 / 3.4	10 / 3.5	10.5 / 3.6	10 / 3.45
Energy Star		YES	NO	NO	NO
Cooling Temperature Range	°F	5 - 122		5 - 122	
Heating Temperature Range	°F	5 - 75		5 - 75	
Outdoor Unit		ACiQ-24-EHPB	ACiQ-36-EHPB	ACiQ-48-EHPB	ACiQ-60-EHPB
Power Supply	VAC	208-230V / 1Ph / 60Hz			
Sound Pressure Level (Max)	dB(A)	60		58	
Control Voltage	VAC	24		24	
External Dimensions (W x H x D)	in	35.04" W X 26.50"H x 13.46"D		39 3/8" W X 53 3/8" H X 14 1/2" D	
Net Weight / Gross Weight	lbs	102.29/109.13		308 / 337	
Refrigerant Charge - R410A	oz	74.08		220.5	
Additional Charge	oz/ft	0.69		0.32	
Refrigerant Piping					
Line Set Size (Liquid - Gas) Flared Connections	in	3/8 - 3/4			
Pipe Length (Min/Max)	ft	10 / 164		10 / 100	
Max. Pipe Elevation	ft	100		50	
LIMITED WARRANTY		7 Years Parts, 12 Years Compressor - Residential & Commercial			

Extreme Heat Series Condensers



The standout feature lies within the inverter heat pump condensers, which dynamically adjust BTU output with unparalleled precision to align with real-time demand. This sets them apart from conventional systems that either operate at full capacity or remain entirely inactive. The HPB Extreme Heat line of condensers elevates this efficiency, effortlessly extracting heat even in temperatures as low as -22 °F, while maintaining effective cooling performance even in temperatures soaring to 122 °F.

Single Fan SKUs:
ACiQ-24-HPB

Double Fan SKUs:
ACiQ-36-HPB*
ACiQ-48-HPB
ACiQ-60-HPB

System Type		Heat Pumps			
Outdoor model		ACiQ-24-HPB	ACiQ-36-HPB	ACiQ-48-HPB	ACiQ-60-HPB
System Performance					
Cooling Capacity	Btu/h	24000 (12000-24000)	36000 (18000-36000)	47000 (34000-47000)	55000 (35000-55000)
Heating Capacity	Btu/h	24000 (12000-30000)	40000 (18000-38000)	50000 (34000-50000)	59000 (35000-60000)
SEER/EER		20 / 12.5	18 / 11	16 / 9.5	16.4 / 9
HSPF / COP		11.6 / 3.35	10.4 / 3.4	9.5 / 3.15	9.5 / 3.4
Cooling Temperature Range	°F	5 - 122		5 - 122	
Heating Temperature Range	°F	-22 - 75		-22 - 75	
Energy Star		YES	YES	YES	NO
Outdoor Unit		ACiQ-24-HPB	ACiQ-36-HPB	ACiQ-48-HPB	ACiQ-60-HPB
Power Supply	VAC	208-230V / 1Ph / 60Hz			
Sound Pressure Level	dB(A)	62	64	62	63.5
Control Voltage	VAC	15	32	33	33
External Dimensions	in	37.2" W X 16.1" H x 31.9" D		37.5" W X 16.3" H X 52.5" D	
Net Weight / Gross Weight	lbs	136.7/ 145.5		227.1/255.7	
Refrigerant Charge - R410A	oz	102.32	165.79	169.3	169.3
Additional Charge	oz/ft	0.69			
Refrigerant Piping					
Line Set Size (Liquid - Gas) Flared Connections	in	3/8 - 3/4			
Pipe Length (Min/Max)	ft	213.3			
Max. Pipe Elevation	ft	98.4			

LIMITED WARRANTY

7 Years Parts, 12 Years Compressor - Residential & Commercial

*ACiQ-36-HPB updating to a single stack compressor in 2024

Indoor Air Handling Units



ACIQ AHB air handlers feature a variable DC blower and advanced communication technology, ensuring both comfort and efficiency. You can use your preferred 24v smart thermostat or the included one to connect with the outdoor condenser and indoor air handler. This connection allows the system to adjust its output for efficiency while keeping you comfortable. The air handler efficiently spreads heated and cooled air throughout your home using your existing ductwork

System Type	Indoor Units				
Indoor Air Handler		ACIQ-24-AHB	ACIQ-36-AHB	ACIQ-48-AHB	ACIQ-60-AHB
Power Supply	VAC	208-230V / 1Ph / 60Hz			
Sound Pressure Level	dB(A)	39/36/33	45/43/41	50/47/43.5	51/45.5/41.5
Electric Heater (Optional)	kW	5, 8, 10	5, 8, 10, 15	8, 10, 15, 20	10, 15, 20
Air Flow	CFM	823.5/758.8/694.1/629.4	1188/1082/971/865	1470.6/1282.4/1094.1/905.9	1805.9/1582.4/1358.8/1135.3
RLA	A	3	4	6	7
Dehumidification	pt/hr	1.98	9.68	9.94	12.13
External Dimensions (W x H x D)	in	21" W x 17.5" H x 45" D	21" W x 21" H x 49" D	21" W x 21" H x 49" D	21" W x 24.5" H x 53" D
Net Weight / Gross Weight	lbs	105.6/127.5	129/156	130.5/156.3	162.7/192.9



Coils



Ideal for homes equipped with a furnace or another blower, ACIQ evaporator coils seamlessly pair with inverter condensers, resulting in the ultimate hyper efficient dual fuel system.

System Type		Coils			
Coils		ACIQ-24-ACL	ACIQ-36-ACL	ACIQ-48-ACL	ACIQ-60-ACL
IRV	inch^3	58.3	106.9	158	158
Air Flow	SCFM	720	960	1015	1120
Throttle			TXV for Cooling		
Pressure Drop	Pa	51.3	65.1	70	80
Liquid side/Gas side	in		3/8" - 3/4"		3/8" - 7/8"
Dimensions (W x H x D)	in	14.4 X 21 X 18	21 X 21 X 24		25 X 21 X 28
Net Weight / Gross Weight	lbs	42.8 / 52	66.6 / 77.2		86.64 / 98.33
Warranty		10 Year Parts with Online Registration			





12 Year Compressor & 7 Year Parts Warranty with Online Registration

Purchase ACiQ and secure the best-in-class warranty for today's HVAC systems—featuring a 7-year parts warranty and a 12-year compressor warranty. With the assurance of lasting quality, ACiQ is the smart choice for those who want their unit to endure a lifetime



Use the QR Code to go directly to the Warranty Registration



Why ACiQ?

ACiQ takes pride in being a pioneer, offering high-quality heating and cooling solutions for American homes. Our commitment to excellence is evident in our product range, which includes cutting-edge technologies like Extreme Heat Inverter Condensers, ensuring optimal performance even in the harshest conditions. ACiQ offers a wide selection of products, from efficient mini-splits and furnaces to air conditioners, PTACs, and heat pumps, catering to diverse needs. Affordability is at the core of our mission, making superior comfort accessible to all. With an industry-leading 12-year warranty, ACiQ is not just a brand; it's a promise of reliability, innovation, and affordable excellence in home climate control.

Contact Today

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