



ICON	Features	Note
	Environment Friendly Requirement	Some States publish the policy to subsidize the energy-saving air conditioner and to promote the benefits of high energy efficiency.
	Higher DOE Threshold	UP TO SEER19.5. DOE regulation with higher SEER entry
Use Friendly	Quite due to inverter and DC motor	Comfort+ Control of Inverter Technology The stable Inverter system is one of the quietest on the market. Through the use of silent blade technology, sound isolating mounts and outdoor condensing section placement - the system can deliver outdoor sound levels as low as 56 dBA - which is far superior to any standard system on the market.
	accurate temperature control and big temperature fluctuation	Consistent Room Temperature. Instead of cycle on/off, the inverter-driven system are able to self-adjust, avoiding indoor temperature fluctuation and maintain consistent room temperature.
	works at 5F for Regular unit. Work at -13F for high heat unit (new arrive at Dec,2021 )	100% Heat pump heating capacity for high heat unit. (New arrival in Dec,2021)
	Multi Control Ways	Compatible with Comfortstar wireless remote controller, programmable wired controller, central controller, Wi-Fi controller, Remote On/Off.
	Save Electricity Bill	Maximum comfort minimum cost By adjusting compressor capacity according to real-need, modular inverter systems delivering the optimal amount of hot or cool air needed to achieve the desired temperature -- no more, no less. Help to avoid unnecessary energy waste and save your money.
Installation	Full Multi-position Installation	This AHU is capable of upflow, downflow, horizontal left, or horizontal right configurations.
	Automatic Airflow Adjustment	to avoid Difficulty to determine air volume and Static Pressure
	Get your work done in half a day!	Perfectly compatible and keep your existing line, wire and thermostat function well. Flexible throttle solution compatible to existing refrigerant line Enable mutual data communication between the existing wire sets. Compatible to existing thermostat
	Traditional AHU takes Larger Footprint	check the right foot print
	High Compatibility in Wiring	With built-in wiring terminals of common low voltage communication, Comfortstar AHU 2nd generation is compatible with most of other brands' products and thermostat in the market. So it can meet most of replacement demand.
	High Extensibility	Comfortstar AHU 2nd generation have reserved connective ports for the extension of some auxiliary function, such as electric heater(5-20KW), UV lamp, humidifier, etc..
After-sales	Easy Fault Code Checking	Thanks to advanced mutual data communication technology, the AHU system can intelligently self-detecting the failure cause and generate a corresponding code. Installer or user can easily check the fault code displayed on the electric Function Board by just opening the lid. It helps you proactively determine the failure cause, prepare for repairing parts ahead of field maintenance work, greatly improve the work efficiency.
	Easy Maintenance of Evaporator After Pipe Connection	After installation and pipe connection work finished, remove 6 bolts around the drainage pan plate to do the evaporator maintenance easily without breaking the connection pipes.
	Easy Maintenance	Remove 2 bolts For Easy Accessing Core Parts Maintenance
		Optimized fan design: Disassemble the top cover, then we could disassemble the fan and motor assembly. The fan is connected by slide rail with the unit.  Assemble via the fan flange and fan fixed board slide rail.
		Electrical Part: Only 2 integrated PCB. One is main control board, another one is function board for 24V thermostat, dip switch, wired controller and 88 display. High efficiency of manufacturing, easy for maintenance, the wires are connected by connector.
		Electrical Heater Fixing : Only 1 piece. High efficiency of manufacturing, easy for installation and easy for maintenance.
		Filter easy maintenance
		Evaporator Modular Slide Design: The evaporator coil adopts modular design and can be easily pulled out through the slide track for easy maintenance.
		Top cover can be easily slipped out and it is more convenient to access the E-box or the Electrical heater when the duct work is finished
	Nitrogen Charge and Leakage Check Valve	Comfortstar AHU indoor unit is standard with Nitrogen injection to maintain positive pressure of the indoor unit. It is easy to check from the check valve whether there is leakage in the evaporator or not.