



Comfort Enhancement Made Easy

With WELLS Universal Inverter Heat Pump And Air Handler System

WELLS is here and ready to provide you with flexible comfort upgrade solutions like never before. This is a product offering that takes customer and contractor concerns into account. There is something for everyone: an advanced yet affordable system; an easy-to-install system that can adapt to most of the installation conditions and changing demands; an energy-efficient system that doesn't compromise on comfort.

This is the WELLS Universal. A system that is designed to provide flexible and compatible HVAC improvement solutions for every home or business.



WELLS Universal Inverter Heat Pump and Air Handler System

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Standard Features



- Up to 18.4 SEER2
- Available in 1.5-5 ton models
- Dual-fuel heating capabilities (1)
- User customizable set point for heat pump to auxiliary heat change over temperatures
- Reduced replacement installation cost by using existing refrigerant lines and control wiring (2)
- Advanced inverter control
- Intelligent diagnostics and adaptive control system
- Omni-Mix:the WELLS single-zone units can flexibly mix and match with WELLS multi-zone units

(1) Dual-Fuel is achievable only when gas furnace and A-Coil are connected to one Universal heat pump
 (2) Refer to the installation manual for details on compatibility requirements



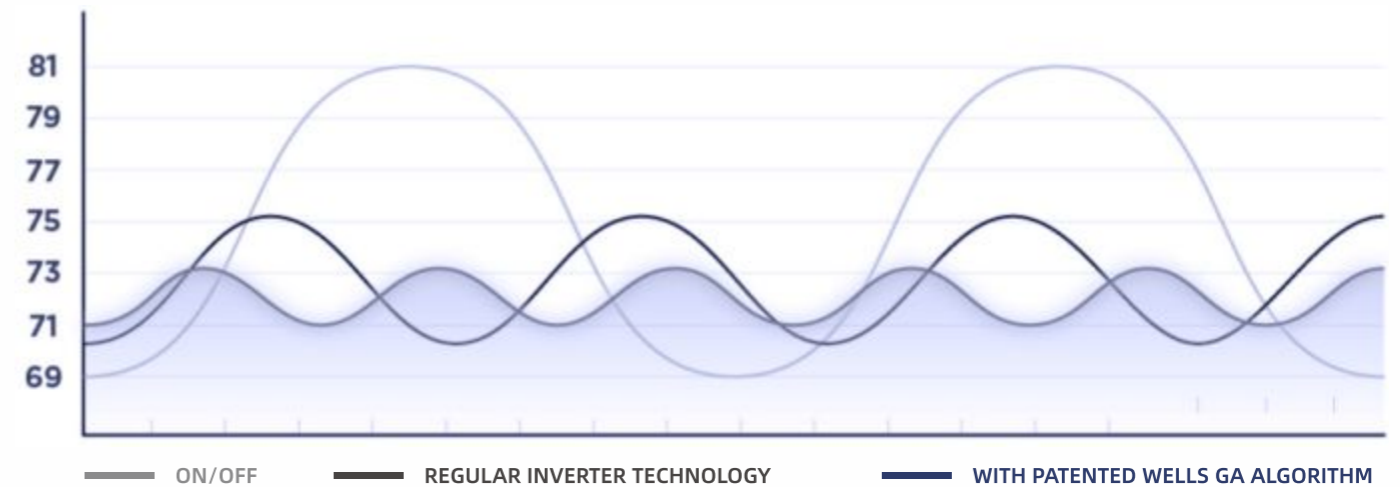
- Multi position (up/down/left/right)
- ECM up to 0.8 in. wc; stand pressure up to 1.0 in. wc
- Compatible with both 24V and 485 communication modes
- Aluminum evaporator coil
- Equipped with optional auxiliary heat kit up to 25kw
- Quiet Operation - inverter system running at significantly lower dB level

Core Features

WELLS Universal Inverter Heat Pump



ADVANCED INVERTER CONTROL



ADVANCED INVERTER CONTROL enables a more precise analysis of indoor temperature variations and an optimization of the compressor in advance to reduce the temperature fluctuation . This means that compared to standard inverter technology currently in the market, WELLS inverter technology is more accurate in temperature control, providing a consistent, and comfortable room environment.



FLASH COOLING/HEATING



ULTRA STABLE ROOM COMFORT



LOWER OPERATING COST



Core Features

WELLS Universal Air Handling Unit

COMPUTATIONAL CONSTANT AIRFLOW

Computational Constant Airflow with an advanced algorithm automatically measures static pressure issues caused by blocked coils, dirty filters, kinks in ducts, etc. The ECM motor reacts to these conditions, adjusting the output power and fan speeds to ensure optimized airflow.



CONSTANT AIRFLOW THROUGH MERV 13 FILTER

The Universal air handler is capable of ensuring optimal airflow even when the air passes through the high-density MERV13 filter.



CONVENIENT INSTALLATION

Constant CFM can adapt to the existing ductwork design, this enables the installer to be free from complicated manual air balance testing.



OPTIMAL COMFORT

Constant CFM can adapt to the pressure changes inside the ductwork as the system operates, guaranteeing constant and optimal airflow moving through the system.



HIGHER EFFICIENCY

By delivering the right amount of airflow the system can effectively reduce energy waste due to excess airflow.

Exclusive BI-COMM Technology

Compatible with 485 & 24V

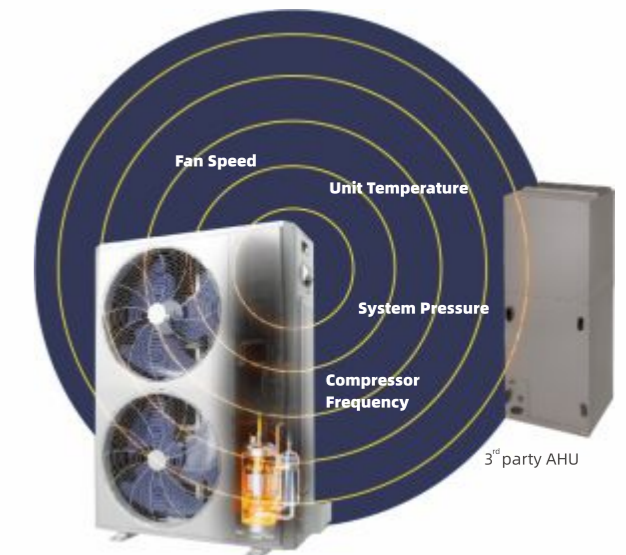
COMMUNICATION MODE

Universal heat pump unit is able to precisely receive and process signals from the communicating air handler to manage the air temperature and airflow inside a home and maintain them at the most comfortable level.



SELF-ADAPT MODE

The Universal inverter heat pump has ability to analyze the temperature and pressure change of the unit to adjust system operation. When matching the Universal heat pump to existing equipment, even non-communicating, the system can function effectively as a communicating inverter combination so that homeowners can enjoy the benefits of inverter technology.



Probably the Most Flexible Heating Upgrade Solution Ever

The Universal system can flexibly mix and match with most other brand indoor units, outdoor units, and thermostats, even without changing electrical wiring or refrigerant lines.





Real Inverter Benefits For All

Enjoy Real Inverter

With The Universal Inverter Heat Pump Condenser



UP TO 30% ENERGY SAVING

High efficiency Inverter compressor that ensures both energy saving & comfort



QUIET OPERATION

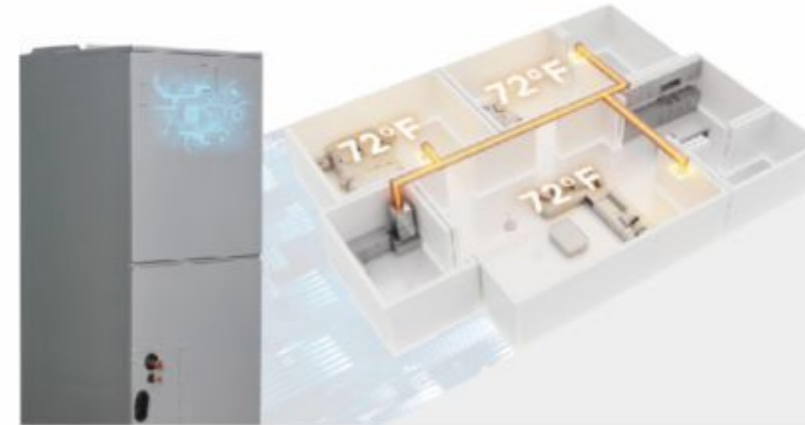
As low as 59 dBA with a 1.5 ton Universal inverter heat pump



FAST HEATING & COOLING

Faster comfort with our advanced compressor activation technology

Enjoy Optimal Comfort With The Full Universal Set



ULTRA STABLE ROOM TEMPERATURE

GA Algorithm



OPTIMAL AIRFLOW DELIVERY

Computational Constant Airflow



Adaptable Heating Combination

Combo heat
Auxiliary heat kits available to offer the best heating combination and balance between rapid heating and energy-savings.



Quiet Operation

Inverter technology
As low as 35 dBA with a 1.5 ton air handling unit; As low as 59 dBA with a 1.5 ton Universal inverter heat pump



Easy Control

Wi-fi Control Dual Control
Easily control the system through simple APP controls or voice commands; Compatible with two wired controllers for convenient control on different floors



Ingenious Flexibility!

There is a solution for any climate condition



Auxiliary Heat Kit Combinations

Auxiliary heat kits can be added to the heat pump system,so both the fast and intense heat from the electric heater,and the efficient and stable heat generated by the heat pump can be offered.

WELLS's programmable control enables customized heat pump to electric heat switch over temperatures,that means customers can choose the best heating combination for the climate they live in.



Dual Fuel Compatibility

For colder months or optimizing operational cost, Universal systems can also be paired with existing gas furnaces to provide a reliable source of heat under the most extreme climates.



Compact Size Fits Any Space

Thinner design and lighter weight provides unmatched flexibility to fit in any unique home space.



Backyard



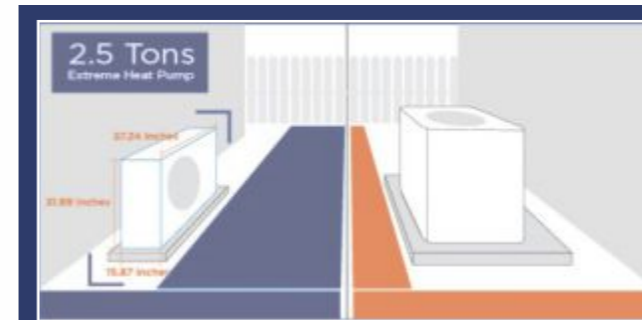
Patio



Roof/ Terrace/Balcony



Zero Lot Line



2.5 Tons

Extreme Heat Pump

37.24 inches

15.88 inches

15.87 inches

- Fit more in your tech van or truck; 4-5 Universal units as opposed to 1 or 2 traditional
- Easy to bring to the installation site and install on pad - the single fan unit can be transported by a single worker

Easy to Install Maintain



Multi-position Air Handler
Vertical or horizontal flexible installation



Magnetic Filter Cover
1 Click to replace the standard filter



Easy-Access
Just remove 2 screws for access to the electrical board, blower and heater



Slide-Out Fan
Easily take out the fan motor for maintenance



Intelligent Diagnostics
Easily accessible error code display



Central Air Heat Pump

		Wells Universal Heat Pump Extreme Heat				
Model		WUCA-24HFMO	WUCA-30HFMO	WUCA-36HFMO	WUCA-48HFMO	WUCA-60HFMO
Capacity Range(ton)		2	2.5	3	4	5
Performance						
Power Supply(V, Ph, Hz)		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
Cooling/Heating Capacities(btuh)		24,000/24,000	30,000/33,000	36,000/40,000	47,000/50,000	55,000/59,000
SEER2		17.4	16.2	15.8	15.6	15.3
HSPF4		10	8.9	9.5	9.4	9.4
Rated Heating Capacity at 5°F(btuh)		22,600	24,000	34,400	46,000	48,500
Noise Level(dB(A))		62	60.5	64	64	63.5
Outdoor Unit						
Net Dimension(inch)	W x D x H	37.24 x 16.14 x 31.89	37.24 x 16.14 x 31.89	37.48 x 16.34 x 52.48	37.48 x 16.34 x 52.48	37.48 x 16.34 x 52.48
Package Dimension(inch)	W x D x H	42.91 x 19.69 x 34.84	42.91 x 19.69 x 34.84	43.11 x 19.49 x 58.27	43.11 x 19.49 x 58.27	43.11 x 19.49 x 58.27
Net/Gross Weight(lbs)		136.69/145.50	159.83/169.75	227.07/255.73	220.24/248.90	239.86/271.61
Air Handler(IDU)		WUA-24HFMAH	WUA-30HFMAH	WUA-36HFMAH	WUA-48HFMAH	WUA-60HFMAH
Air Flow Volume(CFM)	H/M/L	758/694/629	894/805/711	1082/970/864	1282/1094/905	1582/1358/1135
Noise Level(dB(A))	H/M/L	43/40.5/35	43/40/30.5	46.8/44/41.3	53/50/46	52.5/49/44
Net Dimension(inch)	W x D x H	21.02 x 17.52 x 45.00	21.02 x 21.02 x 49.02	21.02 x 21.02 x 49.02	21.02 x 21.02 x 49.02	21.02 x 24.49 x 52.99
Package Dimension(inch)	W x D x H	25.20 x 20.87 x 50.39	25.20 x 24.41 x 54.33	25.20 x 24.41 x 54.33	25.20 x 24.41 x 54.33	25.20 x 27.76 x 58.27
Net/Gross Weight(lbs)		105.60/127.43	129.19/155.64	129.19/155.64	130.51/156.31	162.70/190.70