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WELLS DUCTED&DUCTLESS COMPATIBLE

MULTI-ZONE SYSTEM

MEET THE WELLS
NEW CENTRAL SYSTEM





What Are Multi-Zone Systems?

A multi-zone system connects only one outdoor unit to multiple indoor units, so it's capable of cooling or heating multiple indoor rooms. Each indoor unit can also be individually controlled, scheduled and set to the desired room temperature.

Advantages of Multi-Zone Systems



WIDE SELECTION OF INDOOR UNITS

Provide a wide selection of indoor unit capacities and styles to suit a variety of room sizes and designs.



SPACE SAVING AND LOW NOISE

Connect several indoor units to a single outdoor unit, reduce installation space and outdoor noise.



DUCTED DUCTLESS

Add ductless units to the common ducted system (with a WELLS heat pump).



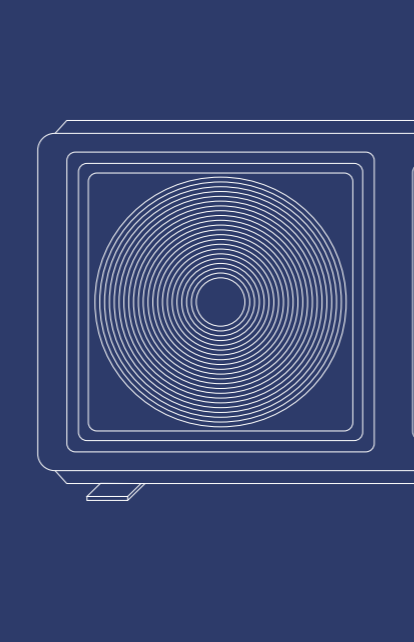
LOWER SYSTEM ELECTRIC POWER

Achieve lower system total power, fit well with the application that sets the power/current limit for air conditioners or home appliances.

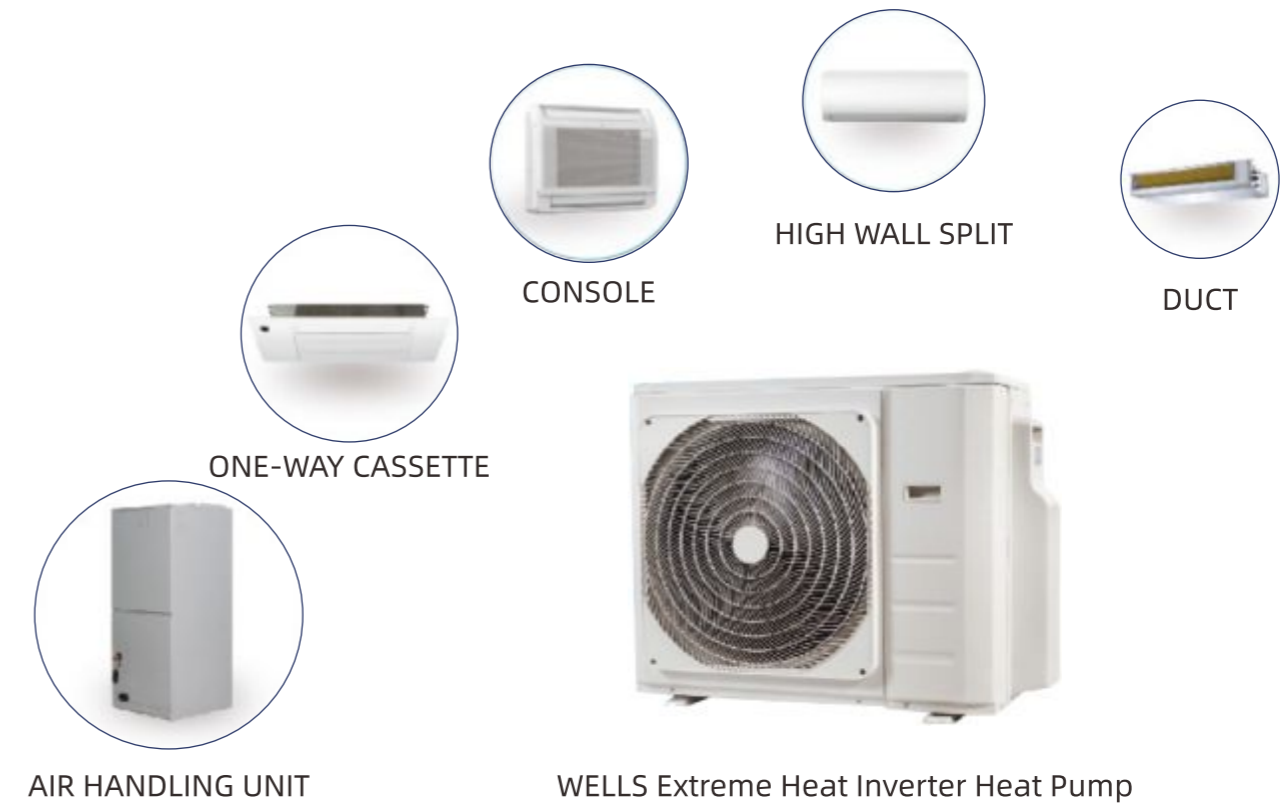


INDIVIDUAL CONTROL

Provide individual control for each indoor unit. Brings desired comfort and saves energy as you can heat or cool only those rooms you are using and not the entire house.



Ducted & Ductless Compatible System



Inverter

With innovative inverter technology, Wells' multi-zone system can adjust the capacity output as the temperature changes, by controlling the operation of compressor and fan motors. When not all rooms require air conditioning or when ambient temperature changes, it runs with partial load and lower energy consumption.



Expand Your Existing Central Ducted System

Incorporating an AHU into the multi-zone system makes the system applicable to wider scenarios and conditions, allowing homeowners to keep their ducted system and add ductless units for additional climate control.



More Efficiency

Sustainable Lifestyle



Zoning Operation

Multi-zone application is a more sustainable way to heat and cool by customizing comfort for each room. Homeowners can precisely heat and cool only the areas needed and turn off the unit when the area isn't occupied.



True Comfort for Every Space

Homeowners can set temperatures and modes individually to customize comfort in multiple spaces. Using different operating conditions or modes based on typical usage of different rooms like a living room, bedrooms or an office helps save energy and optimize comfort.

More Flexibility

Power Up To 5 Zones



With SEER2 up to 24.6, The Wells Extreme heat pump has higher energy efficiency and superior heating performance in a low ambient environment. Also, with a larger capacity of powering up to 5 zones, it is one of the most powerful heat pumps in a multi-zone application.

One System, with The Best Of Both Worlds



AHU + Ductless

The system can add up to 4 ductless units to the current ducted air handler using the same outdoor unit. This can cover areas that are hard to heat or cool, occupied less often, or part of an addition. The Universal multi-zone heat pump system is a great solution for more custom heating and cooling.



AHU + AHU

No need to change a homeowner's HVAC habits. This large capacity system not only lets users install up to a 3-ton AHU, but also allows users to put two AHUs on one heat pump in a residential multi-zone application.



Wide Variety of Indoor Units

For Residential Applications

A comprehensive indoor lineup with 7 types and 33 models with tailored designs for different spaces and functions. This product line

has flexibility to combine ductless and ducted indoor units or incorporate an A-Coil to the system.



Console

0.75-1.5 TONS



2'x2'4-Way Cassette

0.75-2 TONS



Wall-Mounted

0.5-3 TONS



One-Way Cassette

0.5-1.5 TONS



Ceiling & Floor

1.5-2 TONS



Slim Ducted

0.75-2 TONS



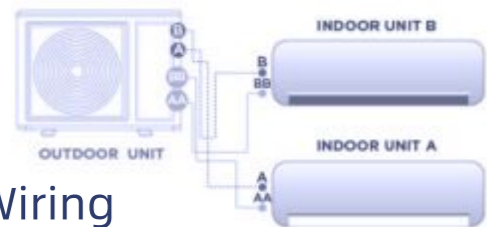
Air Handling Unit

1.5-3 TONS



A-Coil

1.5-3 TONS

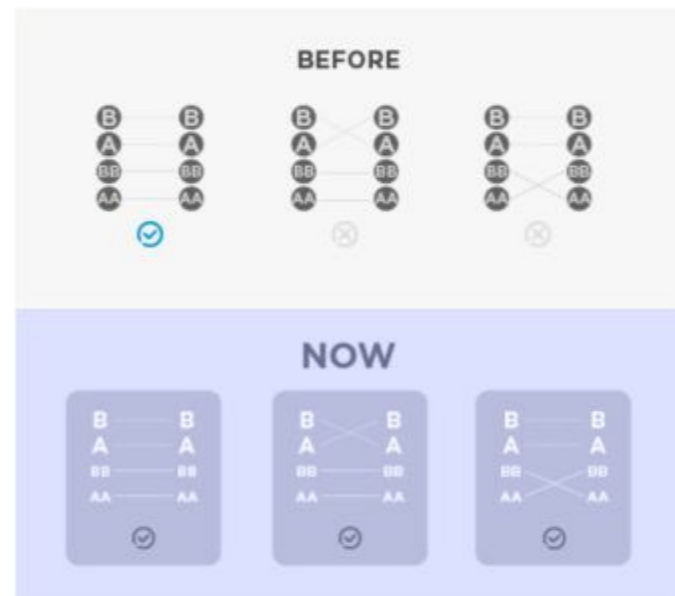


Easy Wiring

With SynchroConnect technology, the Wells multi-zone systems can self-diagnose the connection status after the installer connects the wires and line sets, to see whether they're right or wrong.

And what's more amazing is, with proper wiring between indoor units and the condenser, the system can automatically synchronize the refrigerant lines to the wires, even when the lines are connected to the wrong ports, and vice versa.

That means when dealing with line sets and wires, Wells installers can focus on correctly connecting the refrigerant lines, or the wires, and the other will automatically match to it with the activation of SynchroConnect technology.



INVERTER HEAT PUMP

1.5-5

Tons Available

REGULAR EXTREME &

Heat Pumps Available

UP TO 24.6

SEER2



Multi Port Regular Heat Pump

		Wells Multizone Regular			
Model		WMMA-27HFMO	WMMA-36HFMO	WMMA-48HFMO	WMMA-55HFMO
No. of IDUs		2-3	2-4	2-5	2-5
Performance					
Power Supply(V, Ph, Hz)		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
Cooling/Heating Capacities(btuh)		28,000/28,000	36,000/37,000	48,000/48,000	55,000/55,000
SEER2		24.6	23.9	23.4	21.3
HSPF4		9.3	9.3	8.7	9.1
Rated Heating Capacity at 5°F(btuh)		19,000	25,200	33,000	33,200
Noise Level(dB(A))		61	63	64	62
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
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
Net/Gross Weight(lbs)		139.77/150.57	169.09/181.44	225.53/256.62	224.21/257.28

Multi Port Wallmount Indoor Units

		Wells Multizone Split Wallmount Unit						
Model		WSA-06HFMI	WSA-09HFMI	WSA-12HFMI	WSA-18HFMI	WSA-24HFMI	WSB-30HFMI	WSB-36HFMI
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	208/230, 1, 60	208/230, 1, 60
Air Flow Volume(CFM)	H/M/L	247.06/176.47/141.18	291.18/194.12/152.94	291.18/194.12/152.94	530.59/458.82/382.35	601.18/458.82/382.35	794.12/617.65/470.59	732.35/517.65/400.00
Noise Level(dB(A))	H/M/L	38.5/33/20.5	40/35/23.5	41.5/36/24	46/40/25	46.5/44/35	52/48.5/42.5	56.5/54.5/40
Indoor Unit								
Net Dimension(inch)	W x D x H	28.70 x 7.87 x 11.50	31.57 x 7.87 x 11.61	31.57 x 7.87 x 11.61	42.64 x 9.61 x 13.23	42.60 x 9.21 x 13.27	49.57 x 11.10 x 14.25	49.57 x 11.10 x 14.25
Package Dimension(inch)	W x D x H	31.10 x 10.63 x 14.76	34.45 x 11.22 x 14.96	34.45 x 11.22 x 14.96	45.47 x 16.34 x 12.40	45.47 x 16.34 x 12.40	52.76 x 17.72 x 15.16	52.76 x 17.72 x 15.16
Net/Gross Weight(lbs)		17.64/22.49	18.96/24.25	18.74/24.25	29.54/37.48	29.98/38.14	37.48/50.49	40.34/52.69

Multi Port Extreme Heat Pump

		Wells Multizone Extreme Heat				
Model		WMCA-18HFMO	WMCA-27HFMO	WMCA-36HFMO	WMCA-48HFMO	WMCA-55HFMO
No. of IDUs		2	2-3	2-4	2-5	2-5
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)		19,000/20,000	28,000/28,000	36,000/37,000	48,000/49,000	55,000/55,000
SEER2		22	23	22.2	21.8	22
HSPF4		9.8	10.6	10.3	9.8	9.3
Rated Heating Capacity at 5°F(btuh)		19,700	25,000	45,000	33,200	46,000
Noise Level(dB(A))		61	63	63	65	63
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)		138.23/149.03	167.99/179.67	223.11/253.97	238.32/269.84	233.03/265.87

Multi Port Duct Indoor Units

		Wells Multizone Duct Unit		
Model		WMA-12HFMD	WMA-18HFMD	WMA-24HFMD
Performance				
Power Supply(V, Ph, Hz)		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
Air Flow Volume(CFM)		352.94/282.35/176.47	529.41/450.00/370.59	775.47/693.06/434.88
Noise Level(dB(A))		38/34.5/31	43/40.5/38	44/41/37
Indoor Unit				
Net Dimension(inch)		27.56 x 19.92 x 7.87	22.44 x 22.44 x 10.24	43 x 30 x 10
Package Dimension(inch)		33.86 x 21.26 x 11.22	42.13 x 28.54 x 11.02	51 x 32 x 12.4
Net/Gross Weight(lbs)		39.24/48.5	54/66	90.39/105.82

Multi Port Four-way Cassette Indoor Units

		Wells Multizone Compact Round Flow Cassette Unit			
Model		WMA-09HFMC4	WMA-12HFMC4	WMA-18HFMC4	WMA-24HFMC4
Performance					
Power Supply(V, Ph, Hz)		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
Air Flow Volume(CFM)	H/M/L	352/305/270	379/309/261	562/485/438	706/635/547
Noise Level(dB(A))	H/M/L	37.5/34.5/31.5	40.5/35.5/31.5	43.5/38.5/35.5	49/46/43
Indoor Unit					
Net Dimension(inch)	W x D x H	22.44 x 22.44 x 10.24	22.44 x 22.44 x 10.24	22.44 x 22.44 x 10.24	32.68 x 32.68 x 8.07
Package Dimension(inch)	W x D x H	26.06 x 26.06 x 12.48	26.06 x 26.06 x 12.48	26.06 x 26.06 x 12.48	35.83 x 35.83 x 9.84
Net/Gross Weight(lbs)		31.97/38.14	35.27/41.01	35.71/46.96	47.18/55.34
Panel					
Net Dimension(inch)	W x D x H	25.47 x 25.47 x 1.97	25.47 x 25.47 x 1.97	25.47 x 25.47 x 1.97	37.40 x 37.40 x 2.17
Package Dimension(inch)	W x D x H	28.15 x 28.15 x 4.84	28.15 x 28.15 x 4.84	28.15 x 28.15 x 4.84	40.75 x 40.75 x 3.54
Net/Gross Weight(lbs)		5.52/9.92	5.52/9.92	5.52/9.92	13.23/19.84

Multi One-way Cassette Units

		Wells Multizone One-way Cassette Unit	
Model		WMA-12HFMC1	WMA-18HFMC1
Performance			
Power Supply(V, Ph, Hz)		208/230, 1, 60	208/230, 1, 60
Air Flow Volume(CFM)	H/M/L	311/282/247	351/300/207
Noise Level(dB(A))	H/M/L	38.5/37/32.5	44/40.5/35
Indoor Unit			
Net Dimension(inch)	W x D x H	50.31 x 13.19 x 8.98	50.31 x 13.19 x 8.98
Package Dimension(inch)	W x D x H	52.37 x 13.19 x 22.44	52.37 x 13.19 x 22.44
Net/Gross Weight(lbs)		45.19/82.89	45.19/82.89
Panel			
Net Dimension(inch)	W x D x H	53.54 x 18.71 x 3.9	53.54 x 18.71 x 3.9
Package Dimension(inch)	W x D x H	56.5 x 21.3 x 6.6	56.5 x 21.3 x 6.6
Net/Gross Weight(lbs)		14.33/22.71	14.33/22.71

Multi Air Handler Units

		Wells Multizone Air Handler Unit	
Model		WMA-18HFMAH	WMA-24HFMAH
Performance			
Power Supply(V, Ph, Hz)		208/230, 1, 60	208/230, 1, 60
Air Flow Volume(CFM)	H/M/L	576/529/488	758/694/629
Noise Level(dB(A))	H/M/L	38.5/35/34	42/40/38.0
Indoor Unit			
Net Dimension(inch)	W x D x H	21.02 x 17.52 x 45.00	21.02 x 17.52 x 45.00
Package Dimension(inch)	W x D x H	26.57 x 20.87 x 48.62	26.57 x 20.87 x 48.62
Net/Gross Weight(lbs)		106.70/127.21	106.70/127.21