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NAPOLEON



DUCTLESS HEAT PUMPS AND AIR CONDITIONERS

napoleonheatingandcooling.com



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DUCTLESS HEAT PUMPS & AIR CONDITIONERS

Ductless heat pumps and air conditioners are a cost effective alternative to installing a central unit, which could require expensive ductwork and additional heating and cooling equipment. Napoleon's complete line of ductless heat pumps are available in 16 SEER, 19 SEER and 23 SEER models. Napoleon also offers a 15 SEER ductless air conditioner for those who do not require a heating application. Whether you need a single ductless unit, or multiple units throughout your home, Napoleon has you covered.



Napoleon's ductless heat pumps and air conditioners use a high efficiency Direct Current compressor motor for a smooth, quiet operation that reduces energy consumption.

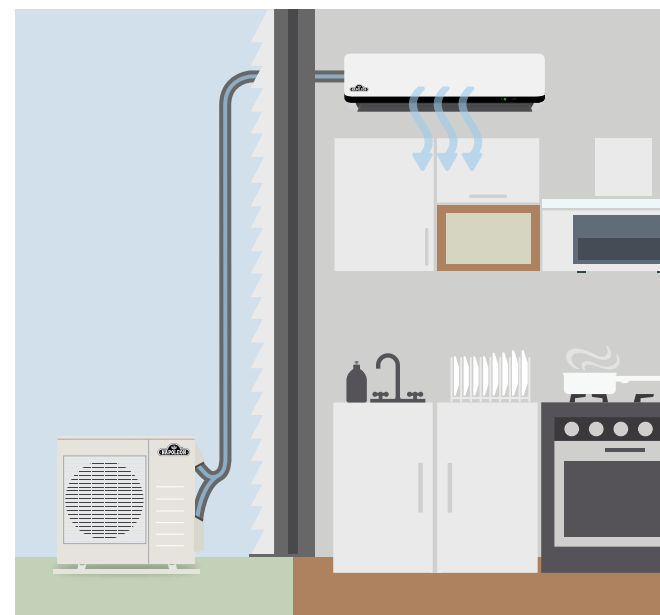
- Precise rotation control reduces noise level, vibration and energy consumption
- Direct Current motors improve operational efficiency up to 35% compared to conventional Alternating Current motors
- Improved motor windings provide greater efficiency
- Effective power limitation system saves energy, which reduces operational costs

How a Ductless System Works

Ductless heat pumps and air conditioners are able to distribute warm or cool air through your home without a duct system.

Ductless systems have two key components, an indoor wall mount unit and an outdoor unit. Both units will work together to create the desired temperature and distribute the air throughout your home. Air conditioner models offer cool air, while heat pump models offer both heating and cooling.

The thermostat is set on the indoor unit through the remote control system. Simply set your preferred temperature and Napoleon's ductless system will take care of the rest.





MULTI-ZONE Ductless Heat Pump

If a space is too large for one ductless system, Napoleon's multi-zone ductless system will be the perfect fit. The multi-zone offers up to 4 indoor units that operate from one, powerful outdoor air condenser. The indoor units can be distributed throughout the home, and set to individual temperatures.

Indoor options include wall mount units or cassettes. Cassettes install flush into the ceiling for a clean look in any space, and are conveniently managed through the remote control.

With a multi-zone system, everyone can enjoy custom temperatures throughout the home, with the click of a button.

* Multi-zone units offer different indoor and outdoor models based on each room size and installation requirements. Please note BTU's, SEER ratings and dehumidifying levels will change depending on the models selected.
† NMHI and NMZO Series states max. refrigerant pipe length for one indoor unit. See installation manual for specifications on installing multiple indoor units.

Cassettes

A cassette operates similar to a wall mount. The cassette model is installed into a ceiling rather than mounted on a wall, and installs flush with the ceiling to ensure a clean, streamlined finish. Cassettes and wall mount units can be mixed and matched to suit the needs of your home.



Remote Control

Napoleon's ductless heat pumps and air conditioners include a detailed remote control for the indoor unit. The remote control allows you to conveniently monitor and adjust the temperature settings of your home.



- | | |
|---|--|
| 1. Temperature setting | 7. Temperature indicator shows set temperature |
| 2. On/Off | 8. Fan speed setting High/Med/Low |
| 3. Mode setting Auto/Cool/Dry/Heat/Fan | 9. Fan speed sets air rate |
| 4. Sleep mode | 10. Timer setting |
| 5. Swing controls the air distribution | 11. Turbo increases fan speed |
| 6. Vane control changes the direction of air movement | 12. LED display |

*Remote may not be exactly as shown

DUCTLESS FEATURES



1. Auto Restart

If the ductless unit turns off unexpectedly due to power outage, it will restart with the previous function setting automatically, once power is restored.



2. Sleep Mode

Maintain energy savings and comfort in night operation automatically increases cooling or decreases heating 1° C (1.8° F) per hour for the first two hours and then maintains temperature for the next five hours until it shuts off.



3. LED Display

The flat panel LED display window illuminates the temperature for easy reading in Celsius or Fahrenheit.



4. Louver position memory function

Every time you turn the unit on it will automatically move the louvers to the same angled position previously set.



5. Refrigeration leakage detection

This new technology sounds an alarm on the indoor unit when the outdoor unit detects an abnormal condition or refrigerant leakage.



6. Auto Defrosting

This feature prevents the evaporator from freezing and will prolong the life of the product and save energy.



7. Independent Dehumidification

Different from the heating or cooling operation, the independent dehumidification mode efficiently removes humidity without effecting the temperature.



8. Follow Me

A temperature sensor is built-in to the remote control so when you stay close to the remote, the unit will automatically change the operation mode to supply the desired temperature, just as if the unit is following you.

*May see reduced capacities depending on conditions. See manual for actual results.



NMHI - Multi-Zone Heat Pump



NH19 - 19 SEER Heat Pump



NH23 - 23 SEER Heat Pump



NLIS - 16 SEER Heat Pump



NC15 - 15 SEER Air Conditioner



SPECIFICATIONS

	NC15-09F	NC15-12F	NC15-18F	NC15-24F	NL1S9F-B	NL1S12F-B	NL1S18F-B	NL1S24F-B	NH19-09F-B	NH19-12F-B	NH19-18F-B	NH19-24F-B	NH23-09F	NH23-12F	NH23-18F	NH23-24F
Cooling Capacity (BTU/hr)	9,000	12,000	18,000	22,000	9,000	12,000	18,000	23,000	9,000	12,000	18,000	24,000	9,000	12,000	17,500	23,000
Heating Capacity (BTU/hr)	-	-	-	-	10,700	13,000	18,900	23,000	10,000	12,500	19,000	24,600	11,000	12,000	18,000	24,000
SEER	15	15	15	15	16.4	17.4	17.5	16	21.5	20	20	18	24.1	23	21	19
HSPF	-	-	-	-	9.6	9.6	9.0	9	10	9.6	9.6	9.6	10.5	10	9.5	12.5
EER	9	9	9	9	12.2	12	12	9.2	14	12.5	12.5	12.5	15	13.5	12.5	19
Dehumidify (L/h)	1	1.2	1.8	2.4	1	1.2	1.8	2.6	1	1.2	1.8	2.6	1	1.2	1.7	2.5
Voltage	115/60	115/60	208-230/60	208-230/60	208-230/60	208-230/60	208-230/60	208-230/60	115/60	115/60	208-230/60	208-230/60	208-230/60	208-230/60	208-230/60	208-230/60
Indoor Noise Level dB (A): H / M / L	39-35-28	39-35-29	42-39-31	49-45-39	41-37-31	42-40-36	50-45-42	50-48-46	41-37-33	40-38-36	49-46-43	51-48-45	43-37-27	43-38-28	47-40-31	50-45-40
Outdoor Noise Level (dB(A))	~56	~55	~59	~60	~55	~54	~59	~60	~53	~55	~59	~62	~57	~57	~60	~90
Manufacturer Compressor Limited Warranty	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	6 years	6 years	6 years	6 years
Maximum Pipe Length (ft./m)	82ft./25m	82ft./25m	98ft./30m	98ft./30m	82ft.	82ft.	98ft.	98ft.	82ft./25m	82ft./25m	98ft./30m	164ft./50m	82ft.	82ft.	98ft.	98ft.
Maximum Elevation (ft./m)	33ft./10m	33ft./10m	66ft./20m	66ft./20m	33ft.	33ft.	66ft.	66ft./20m	33ft./10m	33ft./10m	66ft./20m	82ft./25m	33ft.	33ft.	66ft.	66ft.
Refrigeration Pipe Diameter (Liquid side/ Gas side) (in)	1/4 / 3/8	1/4 / 1/2	1/4 / 1/2	3/8 / 5/8	1/4 / 3/8	1/4 / 1/2	3/8 / 5/8	3/8 / 5/8	1/4 / 3/8	1/4 / 1/2	3/8 / 5/8	3/8 / 5/8	1/4 / 3/8	1/4 / 3/8	1/4 / 1/2	3/8 / 5/8
INDOOR DIMENSIONS																
Width (in)	26.77	30.31	35.63	40.55	31	36.25	39.25	39.25	36.22	36.22	39.29	57.89	32.87	32.87	39	46.69
Depth (in)	7.01	7.4	7.8	8.58	7.8	8.75	9.45	9.45	8.78	8.78	9.45	10.91	7.80	7.80	8.58	10
Height (in)	10.04	10.04	10.83	12.4	10.5	11.5	12.68	12.68	11.5	11.5	12.68	13.39	11	11	12.40	13.39
OUTDOOR DIMENSIONS																
Width (in)	26	26	29.92	33.27	30	30	33.25	33.25	29.92	29.92	33.27	35.43	31.89	31.89	33.27	35.43
Depth (in)	10.4	10.42	11.22	12.6	11.25	11.25	12.6	12.5	11.22	11.22	12.6	12.4	12.20	12.20	12.60	12.40
Height (in)	21.3	21.3	23.23	27.56	23.25	23.25	27.56	27.5	23.23	23.23	27.56	33.86	22	22	27.56	33.86
COMPARISON CHART																
PTC heating belt	-	-	-	-	•	•	•	•	•	•	•	•	-	-	-	-
Louver position memory function	•	•	•	•	-	-	-	-	-	-	-	-	•	•	•	•
Refrigerant leakage detection	•	•	•	•	-	-	-	-	-	-	-	-	•	•	•	•
Auto defrosting	-	-	-	-	•	•	•	•	•	•	•	•	•	•	•	•
Anti-cold air function	-	-	-	-	•	•	•	•	•	•	•	•	•	•	•	•
Built-in drain pump	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Multi-Zone SPECIFICATIONS

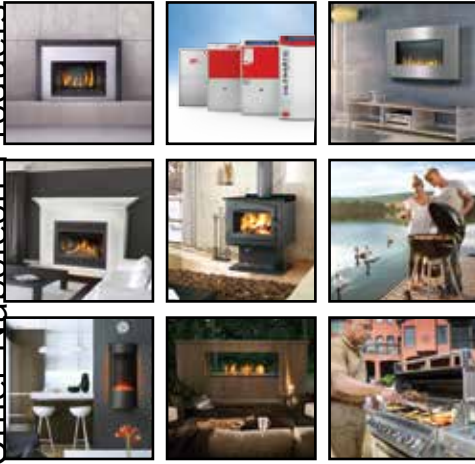
NCASSETTE12	NCASSETTE18	NMHI-09F	NMHI-12F	NMHI-18F	NMZO-30F-B	NMZO-36F-B
*12,000	*18,000	*9,000	*12,000	*18,000	*30,000	*36,000
*13,000	*18,900	*10,000	*13,000	*19,000	*30,000	*39,000
*16	*16	*16	*16	*16	*16	*16.5
9	8.2	7.8	8.8	9.2	9.0	9.0
12	12	12.4	12.1	12	7.5	8.9
1.2	1.8	1	1.2	1.8	-	-
208-230/60	208-230/60	230/60	230/60	230/60	208-230/60	208-230/60
51-46-40	51-46-40	37-32-27	37-32-27	42-37-34	-	-
~54	~59	~60	~65	~65	~63	~65
-	-	-	-	-	5 years	5 years
65.6ft./20m	82ft./25m	† 82ft./25m	† 82ft./25m	† 82ft./25m	† 82ft./25m	† 98ft./30m
26.2ft./8m	32.8ft./10m	† 49ft./15m	† 49ft./16m	† 49ft./17m	† 49ft./15m	† 49ft./15m
1/4 / 1/2	3/8 / 5/8	1/4 / 3/8	1/4 / 1/2	1/4 / 1/2	1/4 / 3/8	1/4 / 3/8

Finding the right unit for your home

Every Napoleon ductless heat pump and air conditioner includes both an indoor and outdoor unit. The size of your home will determine which unit will best suit your needs. Indoor units are white, or black & white for a stylish design, while outdoor units are light tan so they blend into the landscape of your home. There are up to 4 sizes available for each style of ductless system.



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Authorized Dealer



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