

# THINK DIFFERENT. THINK NAPOLEON.

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 17 SEER, 21 SEER and 25 SEER models. Napoleon also offers a 20 SEER ductless air conditioner for those who do not require a heating application. 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.

Whether you need a single ductless unit, or multiple units throughout your home, heating or cooling, Napoleon has you covered.

That's Napoleon.





## **REMOTE CONTROL**

Napoleon's ductless units include a remote control that allows you to conveniently monitor and adjust the temperature settings of your home.

#### **Customize**

Customize your ductless unit with the following remote control settings:



Temperature Setting

On/off

Mode setting Auto/Cool/Dry/Heat/Fan

Sleep Mode

Swing controls the air distribution

Fan speed setting High/Med/Low

Timer setting

Turbo setting to increase fan speed

LED display

## **HEAT PUMPS**



NH25 - Heat Pump - Up to 25 SEER



NLIS - Heat Pump - Up to 17 SEER

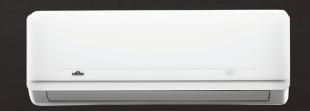


NH21 - Heat Pump - Up to 21 SEER





## **AIR CONDITIONERS**



NC19 - Air Conditioner - Up to 20 SEER





## **KEY FEATURES**



#### Sleep Mode

Night operation automatically increases cooling or decreases heating  $1^{\circ}$  C (1.8° F) per hour for the first two hours, then maintains temperature for the next five hours until unit shuts off.



#### **Louver Position Memory Function**

Every time the unit turns on it will automatically move the louvers to the previous angled position.



#### **Functions in Low Temperatures**

This feature ensures cold weather will not affect the ductless system as it can operate in temperatures as low as -30°C / -22°F day or night.

\* Features vary by unit, see specifications for more details.



#### **Independent Dehumidification**

Different from the heating or cooling operation, the independent dehumidification mode efficiently removes humidity from your home.

## THE RIGHT UNIT FOR YOUR HOME

Ductless heat pumps and air conditioners are able to heat or cool a home without a duct system by using two key components, an indoor wall mount unit and an outdoor unit. Once the thermostat is set using the remote control, both units work together to manage comfort levels.

The size of your home will determine which unit will best suit your needs. There are up to 4 sizes available for each Napoleon ductless model.

\*Consult your HVAC Technician for proper installation requirements





## **ELECTRIC HEAT VS. NAPOLEON HEAT PUMP**

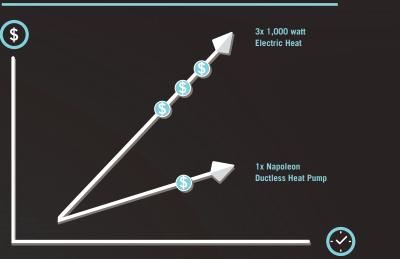
The average cost to heat with 3 - 1,000 watt electric heater: \$6.32 per day or \$189.60 per month

VS.

The average cost to heat with a Napoleon Ductless Heat Pump: \$2.07 per day or \$62.10 per month

\$1 spent on heating with electric heat is just 33¢ with a Napoleon heat pump

## **UP TO 3x THE COST SAVINGS**





- \* 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.
- \*\* Note: All indoor units operate on either cooling or heating at the same time, indoor units cannot operate with select units heating and select units cooling.
- † NMHI and NMZO Series states max. refrigerant pipe length for one indoor unit. See installation manual for specifications on installing multiple indoor units.

#### **MULTI-ZONE DUCTLESS HEAT PUMP**

If a space is too large for one ductless system, Napoleon's multi-zone ductless system is the perfect fit. The multi-zone offers up to 4 indoor units that operate from one outdoor unit.

The indoor units can be distributed throughout the home and set to individual temperatures. Indoor options include wall mount units or cassettes.

#### **CASSETTES**

A cassette operates similar to a wall mount. The cassette installs flush with the ceiling to ensure a clean, simple, streamlined finish

Cassettes and wall mount units can be mixed and matched to suit the needs of your home.



### SPECIFICATIONS

	NC19-12F-B	NC19-18F-B	NC19-24F-B	NLIS12F-C	NLIS18F-C	NLIS24F-C	NH21-12F	NH21-18F	NH21-24F	NH25-09F	NH25-12F	NH25-18F	NH25-24F	NH25-30F	NH25-36F
Cooling Capacity (BTH/h)	12,000	17,000	22,000	12,000	18,000	24,000	12,000	18,000	24,000	9,000	12,000	17,000	24,000	30,000	36,000
Heating Capacity (BTU/h)	-	-	-	11,800	18,000	25,000	12,000	18,000	25,000	10,900	11,800	18,000	24,000	30,000	36,000
SEER	16.5	20	19	17.5	17.7	16	21.5	20.8	20.5	25	22.5	20	20.5	19.8	16
EER	10	10.75	22	11	11	9.5	13	13	12.5	14.5	13	12.5	13	11.5	8.6
HSPF4	-	-	-	9	9.8	9	9.8	10	10	11.2	12	10.3	11.5	9.4	8.5
HSPF5	-	-	-	7.5	7.5	7.2	7.7	8	8.3	9	9.9	8.8	9.6	8	7
Minimum Circuit Ampacity	15	15	18	15	15	18	12	15	18	9	9	18	20	20	25
Max Fuse	20	20	25	15	20	25	15	20	25	15	15	25	30	30	35
Voltage	115/60	208-230/60	208-230/60	208-230/60	208-230/60	208-230/60	208-230/60	208-230/60	208-230/60	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	42-33-24.5	43-36-24	45.5-36-26.5	40.525	4529	45.533	36.5-30-25	43-38-32	47-42-33	42-33-24.5	43-36-24	45-36-26.5	47-44-36.5	49-42-37.5	48.5-44-38
Outdoor Noise Level (dB(A))	~51.5	~53.5	~57	~57	~57.5	~59	~57.5	~61	~61	~55.5	~56	~57.5	~60	~59	~59
Maximum Pipe Length (ft./m)	82ft./25m	98ft./30m	98ft./30m	82ft./25m	98ft./30m	98ft./30m	82ft./25m	98ft./30m	164ft./50m	82ft./25m	82ft./25m	98ft./30m	164ft./50m	164ft./50m	213ft./64m
Maximum Elevation (ft/m)	33ft./10m	66ft./20m	66ft./20m	33ft./10m	66ft./20m	66ft./20m	33ft./10m	66ft./20m	82ft./25m	33ft./10m	33ft./10m	66ft./20m	82ft./25m	82ft./25m	98ft./30m
Refrigeration Pipe Diameter (Liquid side / Gas Side) (in)	1/4 / 1/2	1/4 / 1/2	3/8 / 5/8	1/4 / 1/2	1/4 / 1/2	3/8 / 5/8	1/4 / 1/2	1/4 / 1/2	3/8 / 5/8	1/4 / 3/8	1/4 / 1/2	1/4 / 1/2	3/8 / 5/8	3/8 / 5/8	3/8 / 5/8
INDOOR DIMENSIONS	NC19-12F-B	NC19-18F-B	NC19-24F-B	NLIS12F-C	NLIS18F-C	NLIS24F-C	NH21-12F	NH21-18F	NH21-24F	NH25-09F	NH25-12F	NH25-18F	NH25-24F	NH25-30F	NH25-36F
Width (in)	31.57	37.99	42.52	31.57	37.99	42.52	31.57	42.52	42.52	32.87	32.87	38.98	46.69	46.69	46.69
Depth (in)	7.44	8.46	8.90	7.44	8.46	8.90	7.44	8.90	8.90	7.80	7.80	8.58	10.16	10.16	10.16
Height (in)	11.69	12.56	13.19	11.69	12.56	13.19	11.69	13.19	13.19	11.02	11.02	12.40	13.39	13.39	13.39
OUTDOOR DIMENSIONS	NC19-12F-B	NC19-18F-B	NC19-24F-B	NLIS12F-C	NLIS18F-C	NLIS24F-C	NH21-12F	NH21-18F	NH21-24F	NH25-09F	NH25-12F	NH25-18F	NH25-24F	NH25-30F	NH25-36F
Width (in)	30.31	31.50	33.27	30.31	31.50	33.27	31.50	33.27	37.24	31.5	31.5	33.27	37.2	37.2	37.2
Depth (in)	11.81	13.11	14.29	11.81	13.11	14.29	13.11	14.29	16.14	13.11	13.11	14.29	16.14	16.14	16.14
Height (in)	21.85	21.81	27.64	21.85	21.81	27.64	21.81	27.64	31.89	21.81	21.81	27.64	31.89	31.89	31.89
COMPARISON CHART	NC19-12F-B	NC19-18F-B	NC19-24F-B	NLIS12F-C	NLIS18F-C	NLIS24F-C	NH21-12F	NH21-18F	NH21-24F	NH25-09F	NH25-12F	NH25-18F	NH25-24F	NH25-30F	NH25-36F
Auto-Restart	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Sleep Mode	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Functions in Low Temperatures	-	-	-	-15°C/5°F	-15°C/5°F	-15°C/5°F	-25°C/-13°F	-25°C/-13°F	-25°C/-13°F	-30°C/-22°F	-30°C/-22°F	-30°C/-22°F	-30°C/-22°F	-15°C/5°F	-15°C/5°F
Louver position memory function	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Auto defrosting	-	-	-	•	•	•	•	•	•	•	•	•	•	•	•
Independent Dehumidification	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Hyper Heat Remote	-	-	-	-	-	-	-	-	-	•	•	•	-	-	-
Standard Remote	•	•	•	•	•	•	•	•	•	-	-	-	•	•	•
Self Diagnostic Controls	•	•	•	•	•	•	•	•	•	•	•	•	•	-	-

## MULTI-ZONE

	NCASSETTE12	NCASSETTE18	NH21-09F-I	NH21-12F-I	NH21-18F-I	NMZO-27F-B	NMZO-36F-B
Cooling Capacity (BTH/h)	-	-	-	-	-	*27,000	*36,000
Heating Capacity (BTU/h)	-	-	-	-	-	*28,000	*39,000
SEER	-	-	-	-	-	*22	*16.5
EER	-	-	-	-	-	12	8.9
HSPF4	-	-	-	-	-	9.8	9
HSPF5	-	-	-	-	-	8	7.9
Minimum Circuit Ampacity	1.3	1.9	0.25	0.25	0.4	25	27
Max Fuse	15	15	15	15	15	35	40
Voltage	208-230/60	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	50-47-43	50-47-43	37-32-27	37-32-27	42-37-34	-	-
Outdoor Noise Level (dB(A))	-	-	-	-	-	~63	~65
Maximum Pipe Length (ft./m)	-	-	-	-	-	† 197ft./60m	† 197ft./60m
Maximum Elevation (ft/m)	-	-	-	-	-	† 49ft./15m	† 49ft./15m
Refrigeration Pipe Diameter (Liquid side / Gas Side) (in)	1/4 / 1/2	1/4 / 1/2	1/4 /3/8	1/4 / 1/2	1/4 / 1/2	1/4 / 3/8	1/4 / 3/8
INDOOR DIMENSIONS	NCASSETTE12	NCASSETTE18	NH21-09F-I	NH21-12F-I	NH21-18F-I	NMZO-27F-B	NMZO-36F-B
Width (in)	22.44	22.44	31.25	31.25	42.52	-	-
Depth (in)	22.44	22.44	7.75	7.75	8.90	-	-
Height (in)	10.24	10.24	10.5	10.5	13.19	-	-
OUTDOOR DIMENSIONS	NCASSETTE12	NCASSETTE18	NH21-09F-I	NH21-12F-I	NH21-18F-I	NMZO-27F-B	NMZO-36F-B
Width (in)	-	-	-	-	-	37.24	37.24
Depth (in)	-	-	-	-	-	16.14	16.14
Height (in)	-	-	-	-	-	31.89	31.89
COMPARISON CHART	NCASSETTE12	NCASSETTE18	NH21-09F-I	NH21-12F-I	NH21-18F-I	NMZO-27F-B	NMZO-36F-B
Auto-Restart	•	•	•	•	•	•	•
Sleep Mode	•	•	•	•	•	-	-
Functions in Low Temperatures	-	-	-	-	-	-25°C/-13°F	-25°C/-13°F
Louver position memory function	•	•	•	•	•	-	-
Auto defrosting	•	•	•	•	•	•	•
Independent Dehumidification	•	•	•	•	•	•	•
Hyper Heat Remote	-	-	-	-	-	-	-
Standard Remote	-	-	-	-	-	-	-
Self Diagnostic Controls	•	•	•	•	•	•	•



# NAPOLEON - CELEBRATING OVER 40 YEARS OF HOME COMFORT PRODUCTS











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