

NATIONAL COMFORT PRODUCTS

HEATING & AIR CONDITIONING EQUIPMENT

The Madison Series Thru Wall Condensing Units

Features

- Higher Speed, Higher Horsepower Condenser Fan Motor on 024 and 030 Models
- Interior Cabinet Insulation
- Compressor Crankcase Heater
- Compressor Hard-Start Kit
- Solid-State Condenser Fan Motor Speed Control
- High and Low Refrigerant Pressure Switches
- Compressor Anti-Cycle Time Delay
- Condenser Fan Pre-Start Timer to Reduce Head Pressure at Start Up
- Spring Insulators Under Compressor and Expansion Loop in Compressor Discharge Line
- Vibration Absorber in Suction Line

Designed For

- High End Apartment and Condominium applications where reliability and functionality are a must

Options

- Wall Sleeve
- Architectural Louver

539 Dunksferry Road Bensalem, PA 19020
(800) 523-7138 • FAX: (215) 244-9579
www.nationalcomfortproducts.com



HEATING & AIR CONDITIONING EQUIPMENT

The Madison Series Thru Wall Condensing Units



Series 1000

NCPB
018-1010/D

NCPB
024-1010/D

NCPB
030-1010/D

Dimensions

26" Wide	26" Wide	26" Wide
28 $\frac{5}{8}$ " High	28 $\frac{5}{8}$ " High	28 $\frac{5}{8}$ " High
18 $\frac{1}{2}$ " Deep	18 $\frac{1}{2}$ " Deep	18 $\frac{1}{2}$ " Deep
3/8" Liquid Valve	3/8" Liquid Valve	3/8" Liquid Valve
5/8" Vapor Valve	3/4" Vapor Valve	3/4" Vapor Valve

ARI Rating

18,500 BTU	24,500 BTU	29,000 BTU
10.00 SEER	10.00 SEER	10.00 SEER

Electrical

208/230 Volts	208/230 Volts	208/230 Volts
60 Hertz	60 Hertz	60 Hertz
1 Phase	1 Phase	1 Phase
14 min. AWG wire	12 min. AWG wire	12 min. AWG wire
15 max. fuse	20 max. fuse	25 max. fuse

Compressor

7.2 RLA (amps)	9.5 RLA (amps)	10.9 RLA (amps)
48 LRA (amps)	60 LRA (amps)	68 LRA (amps)

Fan Motor

.25 HP	.5 HP	.5 HP
1.2 amps	2.8 amps	2.8 amps

Options

1000WS	Wall Sleeve	27 $\frac{1}{4}$ " W x 29 $\frac{1}{8}$ " H
14269019	Architectural Grille	26" W x 28 $\frac{5}{8}$ " H

Series 3000

NCPB
018-3010/D

NCPB
024-3010/D

NCPB
030-3010/D

Dimensions

23 $\frac{3}{4}$ " Wide	23 $\frac{3}{4}$ " Wide	23 $\frac{3}{4}$ " Wide
32" High	32" High	32" High
18 $\frac{1}{2}$ " Deep	18 $\frac{1}{2}$ " Deep	18 $\frac{1}{2}$ " Deep
3/8" Liquid Valve	3/8" Liquid Valve	3/8" Liquid Valve
5/8" Vapor Valve	3/4" Vapor Valve	3/4" Vapor Valve

ARI Rating

18,500 BTU	24,500 BTU	30,000 BTU
10.00 SEER	10.00 SEER	10.00 SEER

Electrical

208/230 Volts	208/230 Volts	208/230 Volts
60 Hertz	60 Hertz	60 Hertz
1 Phase	1 Phase	1 Phase
14 min. AWG wire	12 min. AWG wire	12 min. AWG wire
15 max. fuse	20 max. fuse	25 max. fuse

Series 3000 (cont.)

NCPB
018-3010/D

NCPB
024-3010/D

NCPB
030-3010/D

Compressor

7.2 RLA (amps)	9.5 RLA (amps)	11.8 RLA (amps)
48 LRA (amps)	60 LRA (amps)	73 LRA (amps)

Fan Motor

.25 HP	.5 HP	.5 HP
1.2 amps	2.8 amps	2.8 amps

Options

3000WS	Wall Sleeve	25 $\frac{1}{4}$ " W x 32 $\frac{7}{16}$ " H
14269020	Architectural Grille	23 $\frac{3}{4}$ " W x 32" H

Series 4000

NCPB
018-4010/D

NCPB
024-4010/D

NCPB
030-4010/D

Dimensions

29 $\frac{1}{2}$ " Wide	29 $\frac{1}{2}$ " Wide	29 $\frac{1}{2}$ " Wide
23" High	23" High	23" High
18 $\frac{1}{2}$ " Deep	18 $\frac{1}{2}$ " Deep	18 $\frac{1}{2}$ " Deep
3/8" Liquid Valve	3/8" Liquid Valve	3/8" Liquid Valve
5/8" Vapor Valve	3/4" Vapor Valve	3/4" Vapor Valve

ARI Rating

18,500 BTU	24,500 BTU	29,000 BTU
10.00 SEER	10.00 SEER	10.00 SEER

Electrical

208/230 Volts	208/230 Volts	208/230 Volts
60 Hertz	60 Hertz	60 Hertz
1 Phase	1 Phase	1 Phase
14 min. AWG wire	12 min. AWG wire	12 min. AWG wire
15 max. fuse	20 max. fuse	25 max. fuse

Compressor

7.2 RLA (amps)	9.5 RLA (amps)	10.9 RLA (amps)
48 LRA (amps)	60 LRA (amps)	68 LRA (amps)

Fan Motor

.25 HP	.5 HP	.5 HP
1.2 amps	2.8 amps	2.8 amps

Options

4000WS	Wall Sleeve	31" W x 23 $\frac{7}{16}$ " H
14269021	Architectural Grille	29 $\frac{1}{2}$ " W x 23" H



LISTED



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MEA # 194-91-E

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Note: All Specifications are subject to change without notification.

Madison05