



HEATING & AIR CONDITIONING EQUIPMENT

**R410A**

**An Ideal Degree of Comfort for All Types of Multi-Family Construction**

# CONDENSING UNITS **C series/D**

## The Madison Series

### FEATURES

- Higher Speed, Higher HP Condenser Fan Motor on 424 model
- 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 Isolators Under Compressor and Expansion Loop in Compressor Discharge Line
- Vibration Absorber in Suction Line
- Optional Wall Sleeves and Architectural Louver Grilles Available on all Models

### MEETS 2010 DOE REQUIREMENTS FOR ALL UNITS.

Thru-the-Wall high efficiency condensing units available in either 1.5 or 2 tons.

**Designed for:**  
High-end apartment and condominium applications where reliability and functionality are a must.



**WE GO THRU-THE-WALL™**

# THRU-THE-WALL The Madison Series Condensing Units

Series 1000



Series 3000



Series 4000



SERIES 1000 NCPC-418-1010/D	SERIES 1000 NCPC424-1010/D	SERIES 1000 NCPC430-1010/D	SERIES 3000 NCPC-418-3010/D	SERIES 3000 NCPC424-3010/D	SERIES 3000 NCPC430-3010/D	SERIES 4000 NCPC418-4010/D	SERIES 4000 NCPC424-4010/D	SERIES 4000 NCPC430-4010/D
<b>DIMENSIONS</b>								
26" wide	26" wide	26" wide	23 <sup>3</sup> / <sub>4</sub> " wide	23 <sup>3</sup> / <sub>4</sub> " wide	23 <sup>3</sup> / <sub>4</sub> " wide	29 <sup>1</sup> / <sub>2</sub> " wide	29 <sup>1</sup> / <sub>2</sub> " wide	29 <sup>1</sup> / <sub>2</sub> " wide
28 <sup>5</sup> / <sub>8</sub> " high	28 <sup>5</sup> / <sub>8</sub> " high	28 <sup>5</sup> / <sub>8</sub> " high	32" high	32" high	32" high	23" high	23" high	23" high
18 <sup>1</sup> / <sub>2</sub> " deep	18 <sup>1</sup> / <sub>2</sub> " deep	18 <sup>1</sup> / <sub>2</sub> " deep	18 <sup>1</sup> / <sub>2</sub> " deep	18 <sup>1</sup> / <sub>2</sub> " deep	18 <sup>1</sup> / <sub>2</sub> " deep	18 <sup>1</sup> / <sub>2</sub> " deep	18 <sup>1</sup> / <sub>2</sub> " deep	18 <sup>1</sup> / <sub>2</sub> " deep
180 lbs.	180 lbs.	180 lbs.	180 lbs.	180 lbs.	180 lbs.	180 lbs.	180 lbs.	180 lbs.
3/8" liquid valve	3/8" liquid valve	3/8" liquid valve	3/8" liquid valve	3/8" liquid valve	3/8" liquid valve	3/8" liquid valve	3/8" liquid valve	3/8" liquid valve
3/4" vapor valve	3/4" vapor valve	3/4" vapor valve	3/4" vapor valve	3/4" vapor valve	3/4" vapor valve	3/4" vapor valve	3/4" vapor valve	3/4" vapor valve
<b>ARI RATING</b>								
18,000 BTU	23,800 BTU	28,400 BTU	18,000 BTU	23,800 BTU	29,400 BTU	18,000 BTU	23,600 BTU	28,400 BTU
12.0 SEER	12.0 SEER	12.0 SEER	12.0 SEER	12.0 SEER	12.0 SEER	12.0 SEER	12.0 SEER	12.0 SEER
<b>ELECTRICAL</b>								
208/230 volts	208/230 volts	208/230 volts	208/230 volts	208/230 volts	208/230 volts	208/230 volts	208/230 volts	208/230 volts
60 hertz	60 hertz	60 hertz	60 hertz	60 hertz	60 hertz	60 hertz	60 hertz	60 hertz
1 phase	1 phase	1 phase	1 phase	1 phase	1 phase	1 phase	1 phase	1 phase
14 min. AWG wire	12 min. AWG wire	12 min. AWG wire	14 min. AWG wire	12 min. AWG wire	12 min. AWG wire	14 min. AWG wire	12 min. AWG wire	12 min. AWG wire
15 max. fuse	20 max. fuse	25 max. fuse	15 max. fuse	20 max. fuse	25 max. fuse	15 max. fuse	20 max. fuse	25 max. fuse
<b>COMPRESSOR</b>								
6.5 RLA (amps)	8.0 RLA (amps)	10.6 RLA (amps)	6.5 RLA (amps)	8.0 RLA (amps)	10.6 RLA (amps)	6.5 RLA (amps)	8.0 RLA (amps)	10.6 RLA (amps)
43.0 LRA	43.0 LRA	54.0 LRA	43.0 LRA	43.0 LRA	54.0 LRA	43.0 LRA	43.0 LRA	54.0 LRA
<b>FAN MOTOR</b>								
.25 HP	.25 HP	.25 HP	.25 HP	.25 HP	.25 HP	.25 HP	.25 HP	.25 HP
1.68 amps	1.68 amps	1.68 amps	1.68 amps	1.68 amps	1.68 amps	1.68 amps	1.68 amps	1.68 amps
<b>COIL</b>								
3 rows	4 rows	4 rows	3 rows	4 rows	4 rows	3 rows	4 rows	4 rows
3.61 face area	3.61 face area	3.61 face area	3.77 face area	3.77 face area	3.77 face area	3.14 face area	3.14 face area	3.14 face area
16 FPI	16 FPI	16 FPI	16 FPI	16 FPI	16 FPI	16 FPI	16 FPI	16 FPI
<b>INDOOR UNIT</b>								
Carrier*	Carrier*	Carrier*	Carrier*	Carrier*	Carrier*	Carrier*	Carrier*	Carrier*
FV4BNF003	FV4BNF005	FV4BNF005	FV4BNF003	FV4BNF005	FV4BNF005	FV4BNF003	FV4BNF005	FV4BNF005
650 CFM	870 CFM	950 CFM	650 CFM	870 CFM	950 CFM	650 CFM	870 CFM	950 CFM

**Note:** All specifications are subject to change without notice.

\* Condensing units are compatible with most manufacturers of indoor air handlers and coils.



National Comfort Products offers Architectural Louver Grilles for all models. Outdoor grilles provided by others must be approved by National Comfort Products to maintain unit performance and warranty coverage. See Architectural Louver Grilles Specification Sheet for more details.



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