BOHN





FRACTIONAL
HP SMALL
CONDENSING UNITS

NOMENCLATURE

CONDENSING UNIT STYLE

E = Fractional
Indoor (Evaporative
Condensate Base)
F = Fractional Indoor
(Air-Cooled)
G = Fractional Indoor
(Water-Cooled)

TEMP RANGE

F = Extended Temp (-25°F - +25°F)*

H = High Temp (25°F - 45°F)
L = Low Temp (-30°F - 0°F)*
M = Medium Temp (-10°F - 25°F)*
* Temperature ranges are approximate. Specific range may vary based on individual compressor operating envelope

COMPRESSOR STYLE

H = Hermetic RecipA1 (R-404A/507A, R-448A/449A, R-407A/C) J = Hermetic Recip (R-134a, R-450, R-513) U = Hermetic Recip (R290)

FACTORY INSTALLED OPTION PACKAGES

0 = UL Recognized 1 = UL Listed 2 = No UL rating

000 = Sequential Numbers

N C F 4500 M A A E H A 0000

PRODUCT IDENTIFIER

FAMILY

MODEL

N = Indoor

C = Condensing Unit

BTU

3/4/5### = Number of BTU Digits **3 800** = 800 BTU

3 950 = 950 BTU **4 150** = 1,500 BTU

4 505 = 5,050 BTU **5 100** = 10,000 BTU

5 105 = 10,500 BTU

VOLTAGE

A = 115/1/60

B = 208-230/1/60

C = 208-230/3/60

K = 230/3/60

COMPRESSOR MANUFACTURER

C = Copeland **E** = Embraco

REVISION

FACTORY INSTALLED OPTION PACKAGES

A### = Preferred Standard

STANDARD FEATURES

- Painted chassis
- Unit bearing fan motor (on most models)
- Receiver

- Liquid and suction shut-off valves
- Filter dryer and sight glass
- Power cable whip

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CABINET AND CONSTRUCTION

- Copper tube, aluminum fin condenser
- Painted steel chassis

SERVICEABILITY

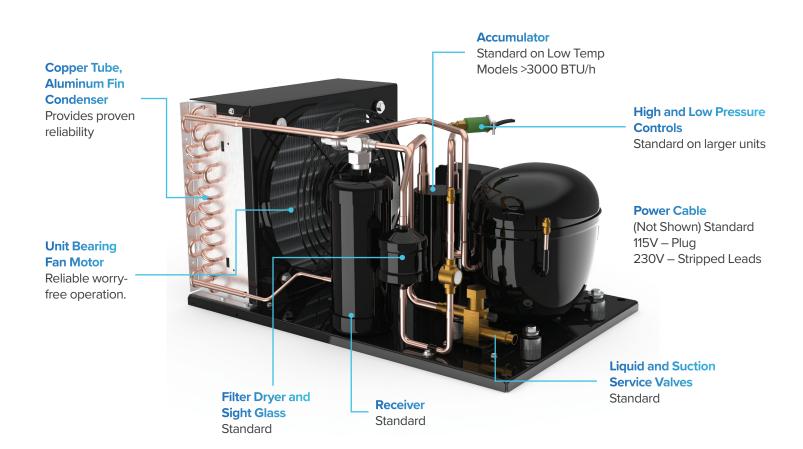
- Suction service valves for hermetic and scroll compressors located outside the cabinet for quick installations.
- Receiver with fusible plug, liquid shutoff valve and charging port is standard

- Power cord for easy installation
- Sight glass is easily viewable

QUALITY

- All units are completely leak tested in a helium environment, bump tested and allowed to cycle off on the high and low pressure control (if equiped)
- Electrical circuits are completely checked for continuity
- Piping is laid out to minimize stress and vibration and is pre-bent to eliminate leaks

OUTSTANDING FEATURES



FRACTIONAL HP SMALL INDOOR CONDENSING UNITS



PREFERRED OPTION PACKAGES:

| | UL Recognized | | | | |
|---|------------------------|-----------------------|----------------------------|---------------------------|--|
| Air-cooled Units | Low T | emp HFC | Medium Temp HFC | | |
| | Low Temp <=3000 BTU | Low Temp >3000 BTU | M/EM/HT Temp <=6000 BTU | M/EM/HT Temp >6000 BTU | |
| Feature (Package Code) | A0001 | A0002 | A0001 | A0002 | |
| Receiver | X | X | X | X | |
| Liquid Valve | X | X | X | X | |
| Suction Valve | X | X | X | X | |
| Suction Accumulator | | X | | | |
| Fan Guard | X | X | X | X | |
| End Covers (May be required as standard if thin wall tubing used) | | | | | |
| Power Cord | X | X | X | X | |
| Filter Drier | X | X | X | X | |
| Moisture Indicator/Sight Glass | X | X | X | Χ | |
| Conduit | | | | | |
| High and Low Pressure Controls | | X | | X | |
| UL Recognized | X | X | X | X | |
| UL Listed | | | | | |
| No UL rating | | | | | |



SKID QUANTITY PRECONFIGURED INDOOR MODELS

Low Temperature (R-404A)

| Skid Quantity Model* | Voltage | Skid Quantity | Skid Quantitiy Unit Price (Per unit) | Total per Skid Quantity |
|----------------------|---------|---------------|---|-------------------------|
| NCF3905LAAEHA0001 | 115 | 6 | \$3,206 | \$19,238 |
| NCF4130LAAEHA0001 | 115 | 4 | \$3,269 | \$13,075 |
| NCF4130LBAEHA0001 | 230 | 4 | \$3,269 | \$13,075 |
| NCF4220LAAEHA0001 | 115 | 6 | \$3,485 | \$20,910 |
| NCF4220LBAEHA0001 | 230 | 6 | \$3,605 | \$21,627 |
| NCF4287LAAEHA0001 | 115 | 4 | \$4,959 | \$19,836 |
| NCF4287LBAEHA0001 | 230 | 4 | \$5,071 | \$20,283 |
| NCF4445LAAEHA0002 | 115 | 2 | \$5,694 | \$11,388 |
| NCF4445LBAEHA0002 | 230 | 2 | \$5,236 | \$10,473 |

Low Temperature (R-134A/ R-450/ R-513)

| Skid Quantity Model* | Voltage | Skid Quantity | Skid Quantitiy Unit Price (Per unit) | Total per Skid Quantity |
|----------------------|---------|---------------|---|-------------------------|
| NCF4122LAAEJA0001 | 115 | 6 | \$3,443 | \$20,659 |
| NCF4122LBAEJA0001 | 230 | 6 | \$3,443 | \$20,659 |
| NCF4245LAAEJA0001 | 115 | 4 | \$5,170 | \$20,680 |
| NCF4245LBAEJA0001 | 230 | 4 | \$5,170 | \$20,680 |

Medium Temperature (R-404A/ R-407C/ R-448A/ R-449A)

| Skid Quantity Model* | Voltage | Skid Quantity | Skid Quantitiy Unit Price (Per unit) | Total per Skid Quantity |
|----------------------|---------|---------------|---|-------------------------|
| NCF4186MAAEHA0001 | 115 | 4 | \$3,175 | \$12,699 |
| NCF4186MBAEHA0001 | 230 | 4 | \$3,175 | \$12,699 |
| NCF4367MAAEHA0001 | 115 | 4 | \$3,312 | \$13,248 |
| NCF4367MBAEHA0001 | 230 | 4 | \$3,455 | \$13,820 |
| NCF4589MAAEHA0001 | 115 | 4 | \$5,128 | \$20,514 |
| NCF4589MBAEHA0001 | 230 | 4 | \$5,195 | \$20,780 |
| NCF4762MAAEHA0002 | 115 | 2 | \$5,966 | \$11,932 |
| NCF4762MBAEHA0002 | 230 | 2 | \$5,975 | \$11,950 |
| NCF4890MAAEHA0002 | 115 | 2 | \$5,694 | \$11,388 |
| NCF4890MBAEHA0002 | 230 | 2 | \$5,236 | \$10,473 |

^{*}Units are sold in skid quantities and multiples of skid quantities.

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SKID QUANTITY PRECONFIGURED INDOOR MODELS

Medium Temperature (R-134A/ R-450/ R-513)

| Skid Quantity Model* | Voltage | Skid Quantity | Skid Quantitiy Unit Price (Per unit) | Total per Skid Quantity |
|----------------------|---------|---------------|---|-------------------------|
| NCF4234MAAEJA0001 | 115 | 6 | \$3,188 | \$19,129 |
| NCF4234MBAEJA0001 | 230 | 6 | \$3,188 | \$19,129 |
| NCF4315MAAEJA0001 | 115 | 4 | \$3,283 | \$13,132 |
| NCF4315MBAEJA0001 | 230 | 4 | \$3,486 | \$13,946 |
| NCF4456MAAEJA0001 | 115 | 4 | \$4,229 | \$16,917 |
| NCF4456MBAEJA0001 | 230 | 4 | \$4,249 | \$16,997 |
| NCF4523MAAEJA0001 | 115 | 2 | \$5,282 | \$10,563 |
| NCF4523MBAEJA0001 | 230 | 2 | \$5,313 | \$10,626 |

High Temperature (R-134A, R-450, R513)

| Skid Quantity Model* | Voltage | Skid Quantity | Skid Quantitiy Unit Price (Per unit) | Total per Skid Quantity |
|----------------------|---------|---------------|---|-------------------------|
| NCF4316HAAEJA0001 | 115 | 6 | \$3,068 | \$18,410 |
| NCF4316HBAEJA0001 | 230 | 6 | \$3,068 | \$18,410 |
| NCF4684HAAEJA0001 | 115 | 2 | \$4,229 | \$8,458 |
| NCF4684HBAEJA0001 | 230 | 2 | \$4,249 | \$8,498 |

^{*}Units are sold in skid quantities and multiples of skid quantities.