





# 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**

(-25°F - +25°F)\*

F = Extended Temp

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



### **FEATURES & BENEFITS**

#### **CABINET AND CONSTRUCTION**

- Copper tube, aluminum fin condenser
- Painted steel chassis

#### **SERVICEABILITY**

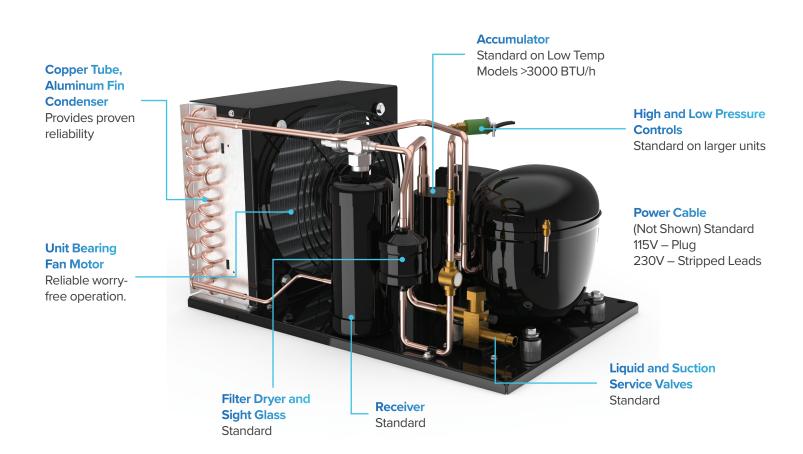
- Suction service valves for hermetic and scroll compressors located outside the cabinet for quick installations.
- Receiver with fusible plug, liquid shutoff valve and charging port is standard

- 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





#### 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	X	
Conduit					
High and Low Pressure Controls		X		X	
UL Recognized	X	X	X	Х	
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

<sup>\*</sup>Units are sold in skid quantities and multiples of skid quantities.



#### 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

<sup>\*</sup>Units are sold in skid quantities and multiples of skid quantities.