



**N4H3**

**Performance Series  
Product Specifications**

**EFFICIENT 13 SEER HEAT PUMP  
ENVIRONMENTALLY SOUND R-410A REFRIGERANT**

**1-1/2 THRU 5 TONS SPLIT SYSTEM**

**208-230 Volt, 1-phase, 60 Hz**

**208-230 & 460 Volt, 3-phase, 60 Hz**

**REFRIGERATION CIRCUIT**

- Scroll compressors on all models
- Suction line accumulator factory installed
- Bi-flow filter-drier included for field installation
- Integrated solid state control with Time-Temperature Defrost
- High and Low pressure switches
- Copper tube / aluminum fin coil

**EASY TO INSTALL AND SERVICE**

- Easy Access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

**BUILT TO LAST**

- Baked-on powder coat finish over galvanized steel
- Post-painted (black) coil fins
- Coated, weather-resistant cabinet screws
- Coated inlet grille with 2" (51mm) wire spacing, or 3/8" (10mm) "hail guard" wire spacing (3/8" standard on 3-phase models)

**WARRANTY\***

- 5 year compressor limited warranty
  - 5 year parts limited warranty (including compressor and coil)
    - With timely registration, an additional 5 year parts limited warranty (including compressor and coil)
- \* For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, including warranty coverage for other applications.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to [www.ahridirectory.org](http://www.ahridirectory.org).



Model Number	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions length x width x height in. (mm)	Operating/Ship Weight (lbs)
N4H318*KF	1-1/2	18,000	11.8	20	23-1/8 x 23-1/8 x 28-7/16 (587 x 587 x 722)	119/137 (54/62)
N4H324*KF	2	24,000	16.8	25	23-1/8 x 23-1/8 x 31-13/16 (587 x 587 x 808)	124/142 (56/65)
N4H330*KF	2-1/2	30,000	21.1	30	31-3/16 x 31-3/16 x 28-7/16 (792 x 792 x 722)	149/170 (68/77)
N4H330GHF	2-1/2	30,000	13.6	20	31-3/16 x 31-3/16 x 31-13/16 (792 x 792 x 808)	169/189 (78/86)
N4H336*KF	3	36,000	20.6	35		
N4H336GHF	3	36,000	14.1	20		
N4H336GLF	3	36,000	7.9	10	31-3/16 x 31-3/16 x 31-13/16 (792 x 792 x 808)	180/200 (82/91)
N4H342*KF	3-1/2	42,000	23.9	40		
N4H342GHF	3-1/2	42,000	18.4	30	31-3/16 x 31-3/16 x 28-7/16 (792 x 792 x 722)	208/228 (96/104)
N4H348*KF	4	48,000	28.7	45		
N4H348GHF	4	48,000	18.7	30		
N4H348GLF	4	48,000	8.5	10		
N4H360*KF	5	60,000	34.1	50	35 x 35 x 28-15/16 (889 x 889 x 735)	250/282 (113/128)
N4H360GHF	5	60,000	21.1	30		
N4H360GLF	5	60,000	10.4	15		

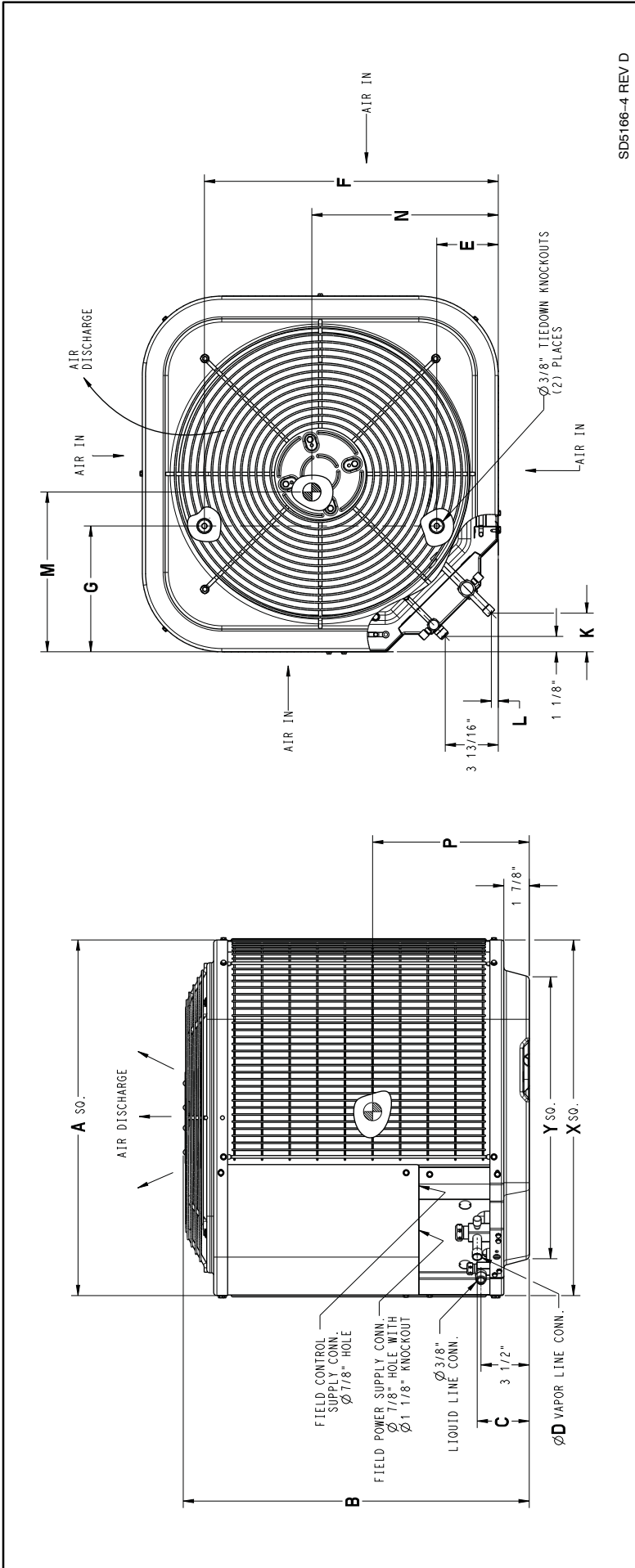
\* A = 2" (51mm) spacing inlet grille or  
 . G = 3/8" (10mm) spacing inlet grille

**OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE (single phase)**

Digit Position:	1	2	3	4	5, 6	7	8	9	10	11	12
Example Part Number:	<b>N</b>	<b>4</b>	<b>H</b>	<b>3</b>	<b>18</b>	<b>A</b>	<b>K</b>	<b>F</b>	<b>1</b>	<b>0</b>	<b>0</b>
C = Keeprite Mainline N = Keeprite Entry	<b>BRANDING</b>										
4 = R-410A	<b>REFRIGERANT</b>										
A = Air Conditioner H = Heat Pump			<b>TYPE</b>								
3 = 13 SEER 4 = 14 SEER			<b>NOMINAL EFFICIENCY</b>								
18 = 18,000 BTUH = 1-1/2 tons 24 = 24,000 BTUH = 2 tons 30 = 30,000 BTUH = 2-1/2 tons 36 = 36,000 BTUH = 3 tons 42 = 42,000 BTUH = 3-1/2 tons 48 = 48,000 BTUH = 4 tons 60 = 60,000 BTUH = 5 tons			<b>NOMINAL CAPACITY</b>								
A = 2" (51mm) spacing inlet grille G = 3/8" (10mm) spacing inlet grille C = Coastal						<b>FEATURES</b>					
K = 208-230-1-60 H = 208-230-3-60 L = 460-3-60								<b>VOLTAGE</b>			
Sales Code											
Engineering Revision											
Extra Digit											
Extra Digit											

**ACCESSORIES PART NUMBER IDENTIFICATION GUIDE**

Digit Position:	1	2	3	4	5	6, 7	8, 9	10, 11
Example Part Number:	<b>N</b>	<b>A</b>	<b>S</b>	<b>A</b>	<b>0</b>	<b>01</b>	<b>01</b>	<b>CH</b>
N = Non-Branded	<b>BRANDING</b>							
A = Accessory	<b>PRODUCT GROUP</b>							
S = Split System (AC & HP)			<b>KIT USAGE</b>					
A = Original B = 2nd Generation			<b>MAJOR SERIES</b>					
0 = Generic or Not Applicable 2 = R-22 4 = R-410A					<b>REFRIGERANT</b>			
Product Identifier Number								
Package Quantity								
Type of Kit (Example: CH = Crankcase Heater)								



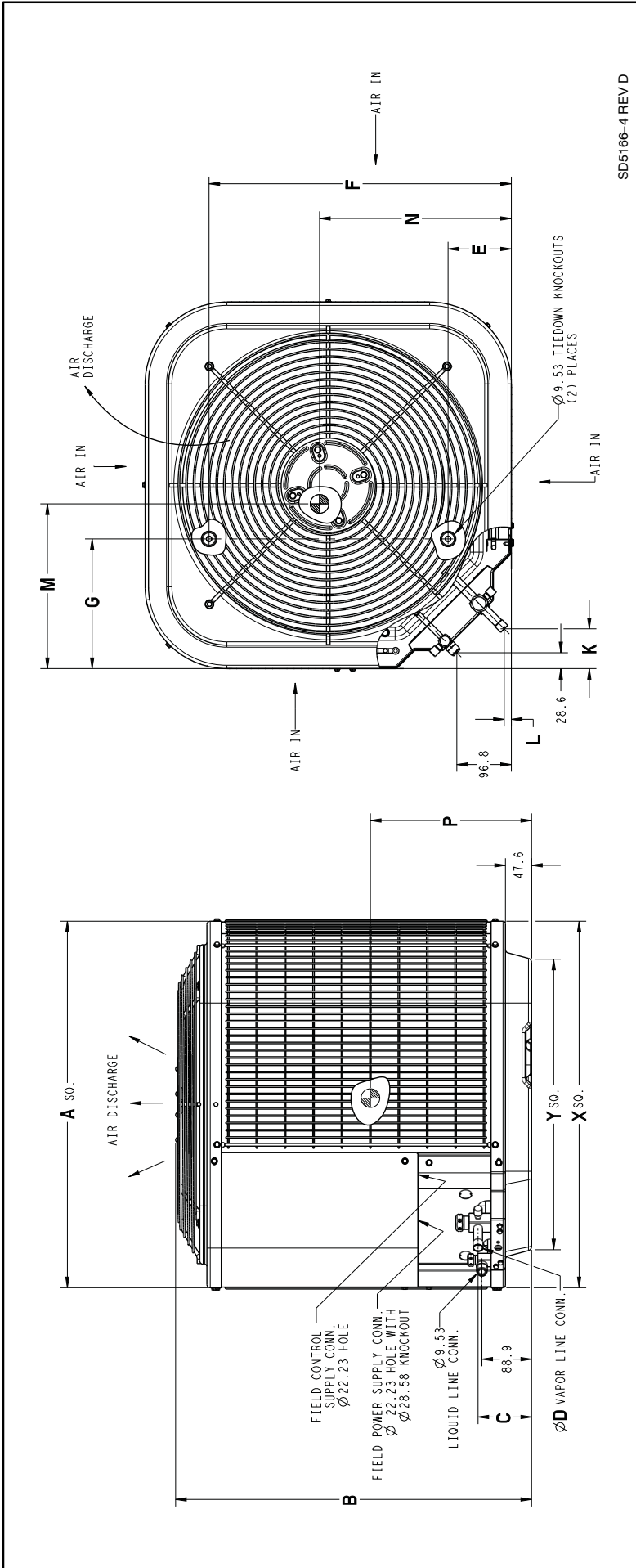
SD5166-4 REV D

1. Allow 24" clearance to service side of unit. 48" above unit, 6" on one side, 12" on remaining sides and 18" between units for proper airflow.
2. Minimum outdoor operating ambient in cooling mode is 55°F, max 125°F.
3. Center of Gravity

Dimensions Inches (English)															
Model	A	B	C	D	E	F	G	K	L	M	N	P	Minimum Ground Mounting Pad X	Minimum Rooftop Mounting Pad Y	Shipping Dimensions L x W x H
N4H418*#F	23-1/8	28-7/16	3-3/4	5/8	4-7/16	18-1/16	7-13/16	2-13/16	1/2	11-1/2	10-1/2	11-1/2	23-1/8 x 23-1/8	17-3/4 x 17-3/4	25-1/4 x 25-1/4 x 33-1/4
N4H424*#F	23-1/8	31-13/16	3-3/4	3/4	4-7/16	18-1/16	7-13/16	2-13/16	1/2	11-1/2	10-1/2	12-1/2	23-1/8 x 23-1/8	17-3/4 x 17-3/4	25-1/4 x 25-1/4 x 36-5/8
N4H430*#F	31-3/16	28-7/16	3-3/4	3/4	6-9/16	24-11/16	9-1/8	2-15/16	5/8	15	15	11-1/2	31-3/16 x 31-3/16	23 x 23	33-3/8 x 33-3/8 x 33-1/4
N4H436*#F	31-3/16	31-13/16	3-7/8	7/8	6-9/16	24-11/16	9-1/8	2-15/16	5/8	15	15	12-1/2	31-3/16 x 31-3/16	23 x 23	33-3/8 x 33-3/8 x 36-5/8
N4H442*#F	31-3/16	31-13/16	3-7/8	7/8	6-9/16	24-11/16	9-1/8	2-15/16	5/8	15	15	12-1/2	31-3/16 x 31-3/16	23 x 23	33-3/8 x 33-3/8 x 36-5/8
N4H448*#F	31-3/16	2/-7/16	3-7/8	7/8	6-9/16	24-11/16	9-1/8	2-15/16	5/8	15	15	11-1/2	31-3/16 x 31-3/16	23 x 23	33-3/8 x 33-3/8 x 33-1/4
N4H460*#F	35	28-15/16	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	17	16	12	35 x 35	26-3/4 x 26-3/4	37-1/8 x 37-1/8 x 33-1/4

\* = A 2" (51mm) spacing inlet grille, G 3/8" (10mm) spacing inlet grille

# = K 208-230 1-phase, H 208-230 3-phase, L 460 3-phase



1. Allow 610 mm clearance to service side of unit. 1219 mm above unit, 152 mm on one side, 305 mm on remaining sides and 457 mm between units for proper airflow.
2. Minimum outdoor operating ambient in cooling mode is 13°C, max 52°C.
3. Center of Gravity

Model	Dimensions mm (SI Metric)															Minimum Rooftop Mounting Pad Y	Minimum Ground Mounting Pad X	Shipping Dimensions L x W x H	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O				P
N4H418*#F	587	722	95	16	113	459	198	71	13	292	267	292	267	292	267	292	451 x 451	587 x 587	642 x 642 x 844
N4H424*#F	587	808	95	19	113	459	198	71	13	292	267	292	267	292	267	317	451 x 451	587 x 587	642 x 642 x 931
N4H430*#F	792	722	95	19	167	627	232	75	16	381	381	292	381	381	292	292	583 x 583	792 x 792	847 x 847 x 844
N4H436*#F	792	808	98	22	167	627	232	75	16	381	381	318	381	381	318	318	583 x 583	792 x 792	847 x 847 x 931
N4H442*#F	792	808	98	22	167	627	232	75	16	381	381	318	381	381	318	318	583 x 583	792 x 792	847 x 847 x 931
N4H448*#F	792	722	98	22	167	627	232	75	16	381	381	292	381	381	292	292	583 x 583	792 x 792	847 x 847 x 844
N4H460*#F	889	735	98	22	167	722	232	75	16	432	406	305	406	406	305	305	680 x 680	889 x 889	943 x 943 x 844

\* = A 2" (51mm) spacing inlet grille, G 3/8" (10mm) spacing inlet grille

# = K 208-230 1-phase, H 208-230 3-phase, L 460 3-phase

PHYSICAL DATA (1-phase)							
MODEL SIZE	18AKF	24AKF	30AKF	36AKF	42AKF	48AKF	60AKF
	18GKF	24GKF	30GKF	36AKF	42GKF	48GKF	60GKF
Nominal Cooling Capacity (BTU/hr)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Nominal SEER	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Sound Rating (dBA)**	69	73	74	73	77	80	77
ELECTRICAL DATA (208-230-1-60, voltage range 197V-253V)							
Minimum Circuit Ampacity – MCA (amps)	11.8	16.8	21.1	20.6	23.9	28.7	34.1
Maximum OverCurrent Protective device – MOCP (amps)	20	25	30	35	40	45	50
Compressor <b>RLA</b> (Rated Load Amps) <b>LRA</b> (Locked Rotor Amps)	9.0 48	12.8 58.3	16.0 77	15.6 70	18.0 96	21.8 99	26.3 134
FAN MOTOR							
Fan Motor <b>FLA</b> (Full Load Amps)	0.5	0.77	1.1	1.1	1.4	1.4	1.2
PSC Fan Motor HP	1/12	1/10	1/5	1/5	1/4	1/4	1/4
Fan RPM	1100	1100	1100	1100	1100	1100	800
Fan CFM	1800	2100	3000	3000	3400	3400	4000
REFRIGERANT DATA							
Liquid Line Connection Size in. (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vapor Line Connection Size in. (mm)	5/8 (16)	3/4 (19)	3/4 (19)	7/8 (22)	7/8 (22)	7/8 (22)	7/8 (22)
Recommended Line Set Liquid Tube Diameter in. (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Recommended Line Set Vapor Tube Diameter in. (mm)	5/8 (16)*	3/4 (19)*	3/4 (19)*	7/8 (22)*	7/8 (22)*	7/8 (22)*	1-1/8 (29)*
Piston Size – Indoor Cooling (shipped loose with heat pump)	49	57	67	70	76	80	TXV
Piston Size – Outdoor Heating (shipped in liquid service valve)	42	49	55	57	63	65	76
Factory Charge R-410A lbs. (kg)	4.00 (1.81)	5.11 (2.32)	5.83 (2.64)	6.06 (2.75)	6.75 (3.06)	7.72 (3.50)	11.00 (4.99)
Required Subcooling °F (°C)	13 (7)	13 (7)	9 (5)	14 (8)	15 (8)	17 (9)	15 (8)
Coil Face Area ft <sup>2</sup> (m <sup>2</sup> )	9.8 (1.07)	11.2 (1.04)	15.0 (1.39)	17.2 (1.60)	17.2 (1.60)	15.0 (1.39)	17.6 (1.64)
Coil Rows – fins per inch	1 – 20	1 – 20	1 – 20	1 – 20	1 – 20	2 – 20	2 – 20
Low Pressure Switch Open Pressure PSIG Close Pressure PSIG	23 ± 5 55 ± 5	23 ± 5 55 ± 5	23 ± 5 55 ± 5	23 ± 5 55 ± 5	23 ± 5 55 ± 5	23 ± 5 55 ± 5	23 ± 5 55 ± 5
High Pressure Switch Open Pressure PSIG Close Pressure PSIG	670 ± 10 470 ± 25	670 ± 10 470 ± 25	670 ± 10 470 ± 25	670 ± 10 470 ± 25	670 ± 10 470 ± 25	670 ± 10 470 ± 25	670 ± 10 470 ± 25
* Recommended Vapor Tube Line size is for standard installations. These recommendations may not apply to “Long Line” installations. When the total equivalent line length exceeds 80 feet (24.4m) or there is more than 20 feet (6.1m) vertical separation between indoor and outdoor units, consult the Long Line Application Guideline document before purchasing/installing line sets.							

\*\*Sound Rating tested in accordance with AHRI Standard 270-2008 (not listed with AHRI).

PHYSICAL DATA (3-phase)								
MODEL SIZE	30GHF	36GHF	36GLF	42GHF	48GHF	48GLF	60GHF	60GLF
Nominal Cooling Capacity (BTU/hr)	30,000	36,000	36,000	42,000	48,000	48,000	60,000	60,000
Nominal SEER	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Sound Rating (dBA)**	74	75	75	79	80	80	77	77
ELECTRICAL DATA (208-230-3-60, voltage range 197V-253V) (460-3-60, voltage range 414V-506V)								
Minimum Circuit Ampacity – <b>MCA</b> (amps)	13.6	14.1	7.9	18.4	18.7	8.5	21.1	10.4
Maximum OverCurrent Protective device – <b>MOCP</b> (amps)	20	20	10	30	30	10	30	15
Compressor <b>RLA</b> (Rated Load Amps) <b>LRA</b> (Locked Rotor Amps)	10.0 71	10.4 73	5.8 38	13.6 83.1	13.8 83.1	6.2 41	15.9 110	7.8 52
FAN MOTOR								
Fan Motor <b>FLA</b> (Full Load Amps)	1.1	1.1	.6	1.4	1.4	0.7	1.2	.6
PSC Fan Motor HP	1/5	1/5	1/5	1/4	1/4	1/4	1/4	1/4
Fan RPM	1100	1100	1100	1100	1100	1100	800	800
Fan CFM	3000	3000	3000	3400	3400	3400	4000	4000
REFRIGERANT DATA								
Liquid Line Connection Size in. (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vapor Line Connection Size in. (mm)	3/4 (19)	7/8 (22)	7/8 (22)	7/8 (22)	7/8 (22)	7/8 (22)	7/8 (22)	7/8 (22)
Recommended Line Set Liquid Tube Diameter in. (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Recommended Line Set Vapor Tube Diameter in. (mm)	3/4 (19)*	7/8 (22)*	7/8 (22)*	7/8 (22)*	7/8 (22)*	7/8 (22)*	1-1/8 (29)*	1-1/8 (29)*
Piston Size – Indoor Cooling (shipped loose with heat pump)	67	73	73	76	82	82	TXV	TXV
Piston Size – Outdoor Heating (shipped in liquid service valve)	55	57	57	63	65	65	76	76
Factory Charge R-410A lbs. (kg)	5.83 (2.64)	6.06 (2.75)	6.06 (2.75)	6.75 (3.06)	7.72 (3.50)	7.72 (3.50)	11.00 (4.99)	11.00 (4.99)
Required Subcooling ° F (° C)	12 (7)	9 (5)	9 (5)	9 (5)	13 (7)	13 (7)	15 (8)	15 (8)
Coil Face Area ft <sup>2</sup> (m <sup>2</sup> )	15.0 (1.39)	17.2 (1.60)	17.2 (1.60)	17.2 (1.60)	19.40 (1.80)	15.0 (1.39)	15.0 (1.39)	17.60 (1.64)
Coil Rows – fins per inch	1 – 20	1 – 20	1 – 20	1 – 20	2 – 20	2 – 20	2 – 20	2 – 20
Low Pressure Switch Open Pressure PSIG Close Pressure PSIG	23 ± 5 55 ± 5	23 ± 5 55 ± 5	23 ± 5 55 ± 5	23 ± 5 55 ± 5	23 ± 5 55 ± 5	23 ± 5 55 ± 5	23 ± 5 55 ± 5	23 ± 5 55 ± 5
High Pressure Switch Open Pressure PSIG Close Pressure PSIG	670 ± 10 470 ± 25	670 ± 10 470 ± 25	670 ± 10 470 ± 25	670 ± 10 470 ± 25	670 ± 10 470 ± 25	670 ± 10 470 ± 25	670 ± 10 470 ± 25	670 ± 10 470 ± 25
* Recommended Vapor Tube Line size is for standard installations. These recommendations may not apply to “Long Line” installations. When the total equivalent line length exceeds 80 feet (24.4m) or there is more than 20 feet (6.1m) vertical separation between indoor and outdoor units, consult the Long Line Application Guideline document before purchasing/installing line sets.								

\*\*Sound Rating tested in accordance with AHRI Standard 270-2008 (not listed with AHRI).

**R-410A COOLING CAPACITY LOSS FOR VARIOUS LINE LENGTHS & TUBE DIAMETERS**

Unit Nominal Size	Maximum Liquid Line Diameters in. (mm)	Acceptable Vapor Line Sizes in. (mm)	Cooling Capacity Loss (%)									
			Total Equivalent Line Length, ft (m)									
			Standard Application			Long Line Application Requires Accessories						
			25 (7.6)	50 (15.2)	80 (24.4)	81-100 (25-30)	101-125 (31-38)	126-150 (38-46)	151-175 (46-53)	176-200 (54-61)	201-225 (61-69)	226-250 (69-76)
18 1 Stage R-410A HP	3/8 (10)	1/2 (13)	1	2	3	3	4	6	7	8	9	10
		5/8 (16)	0	0	1	1	1	1	2	2	3	3
		3/4 (19)	0	0	0	0	0	0	1	1	1	1
24 1 Stage R-410A HP	3/8 (10)	5/8 (16)	0	1	2	2	2	3	4	4	5	5
		3/4 (19)	0	0	0	0	1	1	1	1	2	2
		7/8 (22)	0	0	0	0	0	0	0	1	1	1
30 1 Stage R-410A HP	3/8 (10)	5/8 (16)	1	2	2	2	3	4	5	6	7	8
		3/4 (19)	0	0	0	1	1	1	2	2	2	3
		7/8 (22)	0	0	0	0	0	1	1	1	1	1
36 1 Stage R-410A HP	3/8 (10)	5/8 (16)	1	2	4	4	5	6	8	9	10	12
		3/4 (19)	0	1	1	1	2	2	3	3	4	4
		7/8 (22)	0	0	0	0	1	1	1	1	2	2
42 1 Stage R-410A HP	3/8 (10)	3/4 (19)	0	1	2	2	2	3	4	4	5	6
		7/8 (22)	0	0	1	1	1	1	2	2	2	3
		1-1/8 (29)	0	0	0	0	0	0	0	0	0	0
48 1 Stage R-410A HP	3/8 (10)	3/4 (19)	1	2	2	2	3	4	5	6	7	7
		7/8 (22)	0	1	1	1	2	2	2	3	3	4
		1-1/8 (29)	0	0	0	0	0	0	1	1	1	1
60 1 Stage R-410A HP	3/8 (10)	3/4 (19)	1	2	3	3	4	6	7	8	9	11
		7/8 (22)	0	1	1	1	2	2	3	4	4	5
		1-1/8 (29)	0	0	0	0	0	0	0	1	1	1

\* Applications are considered "Long Line" if the total equivalent tubing length exceeds 80 feet (24.4m) or there is more than 20 foot (6.1m) vertical separation between indoor and outdoor units. These applications require additional accessories and system modifications for reliable system operation.

Applications in this area are "Long Line". Accessories are required as shown recommended on Long Line Applications Guideline.

Applications in shaded area may have height restrictions that limit allowable total equivalent length when outdoor unit is below indoor unit. See Long Line Applications Guideline.

**A-Weighted Sound Power Level - Without Sound Shield**

Model	Standard Rating (dBA)	Typical Octave Band Spectrum (dBA without pure tone adjustment)						
		125	250	500	1000	2000	4000	8000
Unit Size -	Standard	Typical Octave Band Spectrum (dBA without pure tone adjustment)						
Series	Rating (dBA)	125	250	500	1000	2000	4000	8000
N4H318A(G)KF	69	49.0	57.0	63.0	65.0	61.0	57.5	52.5
N4H324A(G)KF	73	51.0	59.5	66.0	68.5	63.5	59.0	53.0
N4H330A(G)KF	74	52.5	64.0	68.0	69.0	67.0	64.5	58.5
N4H330GHF	74	52.5	64.0	68.0	69.0	67.0	64.5	58.5
N4H336A(G)KF	73	50.5	62.5	67.0	68.5	66.5	63.5	58.0
N4H336AH(L)F	75	53.5	63.0	69.0	71.0	67.0	63.5	58.0
N4H342A(G)KF	77	55.0	65.0	71.0	72.0	70.0	67.0	59.5
N4H342GHF	79	55.0	67.0	71.0	74.5	70.0	67.0	60.0
N4H348A(G)KF	80	59.0	67.0	72.5	75.0	73.5	69.5	61.5
N4H348GH(L)F	80	59.5	69.5	74.0	76.0	72.5	69.5	64.5
N4H360A(G)K(H)(L)F	77	55.0	63.0	67.5	71.5	68.0	64.0	60.5

Note: Tested in accordance with AHRI Standard 270-2008 (not listed in AHRI).

**A-Weighted Sound Power Level - With Sound Shield**

N4H318A(G)KF	69	50.0	57.0	63.0	64.5	61.0	57.0	51.0
N4H324A(G)KF	71	51.5	59.0	65.5	67.5	63.0	58.5	53.0
N4H330A(G)KF	73	53.0	64.0	68.0	68.0	66.5	63.5	57.0
N4H330GHF	73	53.0	64.0	68.0	68.0	66.5	63.5	57.0
N4H336A(G)KF	73	52.0	63.0	66.5	68.0	65.5	62.5	56.5
N4H336AH(L)F	74	54.0	63.5	68.5	70.0	66.0	63.0	57.0
N4H342A(G)KF	77	55.0	65.5	71.0	72.0	70.0	66.0	59.5
N4H342GHF	78	56.0	67.0	71.0	73.5	69.5	66.5	60.0
N4H348A(G)KF	79	60.0	66.5	72.5	74.5	73.5	69.0	61.0
N4H348GH(L)F	79	58.5	69.0	73.5	74.5	71.5	68.0	62.0
N4H360A(G)K(H)(L)F	74	55.0	63.5	67.0	69.0	66.5	62.0	57.0

Note: Tested in accordance with AHRI Standard 270-2008 (not listed in AHRI).

**EXPANDED DATA (1-1/2 tons)**

**Cooling**

**CONDENSER ENTERING AIR TEMPERATURES deg F (C)**

EVAPORATOR AIR	75 (24)			85 (29)			95 (35)			105 (41)			115 (46)			125 (52)		
	CFM	EWB	Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		
				Total	Sens		Total	Sens		Total	Sens		Total	Sens		Total	Sens	
<b>N4H318A(G)KF Outdoor Section With FEM4P18**A* Indoor Section</b>																		
57			1.22	16.65	15.93	1.37	14.83	14.83	1.52	13.70	13.70	1.70	12.53	12.53	1.90	11.26	11.26	
62			1.22	17.30	16.38	1.37	15.05	14.24	1.52	13.73	13.73	1.70	12.55	12.55	1.90	11.28	11.28	
63	525		1.22	17.67	12.09	1.38	15.42	11.53	1.53	13.80	10.84	1.70	12.20	10.17	1.89	10.50	9.46	
67			1.23	19.21	13.04	1.39	17.04	12.18	1.56	15.53	11.58	1.73	13.75	10.89	1.92	11.97	10.20	
72			1.25	21.16	10.63	1.25	20.17	10.28	1.41	19.02	9.88	1.79	16.09	8.82	1.99	14.07	8.12	
57			1.24	17.43	16.66	1.39	15.79	15.79	1.56	14.44	14.44	1.72	13.17	13.17	1.92	11.83	11.83	
62			1.24	17.78	16.48	1.39	15.81	15.81	1.56	14.46	14.46	1.72	13.20	13.20	1.92	11.85	11.85	
63	600		1.24	18.10	13.33	1.39	17.09	12.90	1.56	14.16	11.66	1.71	12.51	10.97	1.91	10.78	10.19	
67			1.25	19.65	13.89	1.41	17.40	13.04	1.58	16.09	12.53	1.77	14.10	11.76	1.94	12.26	11.03	
72			1.26	21.57	11.12	1.41	19.41	10.41	1.61	18.06	9.95	1.80	16.50	9.40	2.02	14.39	8.68	
57			1.25	18.11	17.28	1.41	16.38	16.38	1.58	15.09	15.09	1.75	13.73	13.73	1.94	12.32	12.32	
62			1.25	18.22	17.49	1.41	16.41	16.41	1.58	15.12	15.12	1.75	13.75	13.75	1.95	12.34	12.34	
63	675		1.25	18.46	14.11	1.41	16.24	13.18	1.58	14.48	12.44	1.73	12.78	11.70	1.93	11.09	11.09	
67			1.26	19.98	14.69	1.42	17.69	13.87	1.60	16.35	13.35	1.79	14.38	12.58	1.96	12.51	11.79	
72			1.28	21.88	11.57	1.44	19.69	10.90	1.62	18.34	10.46	1.82	16.73	9.90	2.04	14.63	9.20	

**Heating**

**OUTDOOR COIL ENTERING AIR TEMPERATURES deg F (C)**

INDOOR AIR	-3 (-19)			7 (-14)			17 (-18)			27 (-3)			37 (3)			47 (8)			57 (14)			67 (19)		
	EDB	CFM	Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		
				Total	Integ		Total	Integ		Total	Integ		Total	Integ		Total	Integ		Total	Integ		Total	Integ	
<b>N4H318A(G)KF Outdoor Section With FEM4P18**A* Indoor Section</b>																								
525			1.09	4.76	1.13	8.71	1.18	12.03	10.68	1.23	14.44	13.14	1.28	16.94	16.94	1.33	19.01	19.01	1.38	20.73	20.73	1.42	22.33	
600			1.09	5.26	1.13	9.73	1.17	12.17	10.81	1.21	14.62	13.31	1.26	16.98	16.98	1.30	18.87	18.87	1.34	20.34	20.34	1.36	22.93	
675			1.10	5.33	1.13	10.00	1.17	12.28	10.91	1.20	14.77	13.44	1.25	16.95	16.95	1.27	18.64	18.64	1.30	19.82	19.82	1.32	23.53	
525			1.14	4.93	1.19	8.44	1.24	11.80	10.48	1.29	14.18	12.91	1.35	16.72	16.72	1.40	18.81	18.81	1.45	20.55	20.55	1.50	23.13	
600			1.14	5.01	1.19	9.40	1.23	11.95	10.61	1.28	14.36	13.07	1.32	16.80	16.80	1.37	18.74	18.74	1.41	20.27	20.27	1.44	23.73	
675			1.15	5.08	1.19	9.52	1.23	12.06	10.71	1.27	14.51	13.21	1.31	16.81	16.81	1.34	18.58	18.58	1.37	19.88	19.88	1.40	24.33	
525			1.19	4.64	1.24	8.97	1.29	11.57	10.27	1.36	13.92	12.67	1.41	16.49	16.49	1.48	18.58	18.58	1.53	20.34	20.34	1.57	22.93	
600			1.19	4.73	1.19	8.30	1.29	11.72	10.40	1.34	14.10	12.83	1.39	16.59	16.59	1.44	18.57	18.57	1.48	20.12	20.12	1.51	23.53	
675			1.20	4.80	1.24	9.22	1.28	11.83	10.51	1.33	14.25	12.96	1.37	16.64	16.64	1.41	18.48	18.48	1.45	19.85	19.85	1.47	24.13	



MULTIPLIERS FOR COMBINATION RATINGS

COOLING				HEATING			
COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FEM4P18**A*	1.00	1.00		*FEM4P18**A*	1.00	1.00	
FCM4X24****	1.03	0.95		FCM4X24****	0.95	0.96	
FEA4X18**A*	1.03	1.02		FEA4X18**A*	0.99	1.00	
FEA4X24**A*	1.03	0.99		FEA4X24**A*	0.97	0.96	
FEM4P24**A*	1.02	0.98		FEM4P24**A*	1.00	1.00	
FEM4X18**A*	1.03	0.99		FEM4X18**A*	1.01	1.01	
FEM4X18**B*	1.00	0.96		FEM4X18**B*	1.00	1.01	
FEM4X24**B*	1.02	0.98		FEM4X24**B*	1.00	1.00	
FVM4X24****	1.03	0.95		FVM4X24****	0.94	0.95	
FXM4X18**A*	1.03	0.95		FXM4X18**A*	0.96	0.95	
FXM4X24**A*	1.03	0.97		FXM4X24**A*	0.96	0.95	
EA*4X24*14A*	1.03	0.97	*8MX*0451408**	EA*4X24*14A*	1.03	0.98	*8MX*0451408**
EHD4X24A**	1.03	0.97	*8MX*0451408**	EHD4X24A**	1.03	0.97	*8MX*0451408**
EN(A,D)4X18*14**	1.03	0.98	*8MX*0451408**	EN(A,D)4X18*14**	1.03	0.98	*8MX*0451408**
EN(A,D)4X24*14**	1.03	0.97	*8MX*0451408**	EN(A,D)4X24*14**	1.03	0.97	*8MX*0451408**
EA*4X24*14A*	1.02	0.96	*8MV*0701412**	EA*4X24*14A*	1.03	0.97	*8MV*0701412**
EHD4X24A**	1.03	0.97	*8MV*0701412**	EHD4X24A**	1.02	0.97	*8MV*0701412**
EN(A,D)4X18*14**	1.03	0.97	*8MV*0701412**	EN(A,D)4X18*14**	1.03	0.97	*8MV*0701412**
EN(A,D)4X24*14**	1.03	0.97	*8MV*0701412**	EN(A,D)4X24*14**	1.03	0.97	*8MV*0701412**
EA*4X24*17A*	1.03	0.97	*8MV*0901716**	EA*4X24*17A*	1.03	0.97	*8MV*0901716**
EHD4X24A**	1.03	0.97	*8MV*0901716**	EHD4X24A**	1.03	0.97	*8MV*0901716**
EN(A,D)4X24*17**	1.03	0.97	*8MV*0901716**	EN(A,D)4X24*17**	1.03	0.97	*8MV*0901716**
ENH4X24*17**	1.03	0.97	*8MV*0901716**	ENH4X24*17**	1.03	0.97	*8MV*0901716**
EA*4X24*14A*	1.02	1.02	*9MX*0401410A**	EA*4X24*14A*	1.02	1.02	*9MX*0401410A**
EHD4X24A**	1.02	0.98	*9MX*0401410A**	EHD4X24A**	1.02	0.98	*9MX*0401410A**
EN(A,D)4X18*14**	1.03	1.01	*9MV*0401410A**	EN(A,D)4X18*14**	1.03	1.01	*9MV*0401410A**
EN(A,D)4X24*14**	1.03	1.00	*9MV*0401410A**	EN(A,D)4X24*14**	1.03	1.00	*9MV*0401410A**
EA*4X24*17A*	1.03	0.97	*9MV*0601714A**	EA*4X24*17A*	1.03	0.97	*9MV*0601714A**
EHD4X24A**	1.03	0.97	*9MV*0601714A**	EHD4X24A**	1.03	0.97	*9MV*0601714A**
EN(A,D)4X24*17**	1.03	0.97	*9MV*0601714A**	EN(A,D)4X24*17**	1.03	0.97	*9MV*0601714A**
ENH4X24*17**	1.03	0.97	*9MV*0601714A**	ENH4X24*17**	1.03	0.97	*9MV*0601714A**
EA*4X24*17A*	1.03	0.97	*9MV*0801716A**	EA*4X24*17A*	1.03	0.97	*9MV*0801716A**
EHD4X24A**	1.03	0.97	*9MV*0801716A**	EHD4X24A**	1.03	0.97	*9MV*0801716A**
EN(A,D)4X24*17**	1.03	0.97	*9MV*0801716A**	EN(A,D)4X24*17**	1.03	0.97	*9MV*0801716A**
ENH4X24*17**	1.03	0.97	*9MV*0801716A**	ENH4X24*17**	1.03	0.97	*9MV*0801716A**
EA*4X24*14A*	1.03	0.97	*9MV*1002120A**	EA*4X24*14A*	1.03	0.97	*9MV*1002120A**
EHD4X24A**	1.03	0.97	*9MV*1002120A**	EHD4X24A**	1.03	0.97	*9MV*1002120A**
EN(A,D)4X18*14**	1.03	0.97	*9MV*1202422A**	EN(A,D)4X18*14**	1.03	0.97	*9MV*1202422A**
EN(A,D)4X24*14**	1.03	0.97	*9MV*1202422A**	EN(A,D)4X24*14**	1.03	0.97	*9MV*1202422A**
EA*4X24*17A*	1.03	0.97	*9MA*0601714A**	EA*4X24*17A*	1.03	0.97	*9MA*0601714A**
EHD4X24A**	1.03	0.97	*9MA*0601714A**	EHD4X24A**	1.03	0.97	*9MA*0601714A**
EN(A,D)4X24*17**	1.03	0.97	*9MA*0601714A**	EN(A,D)4X24*17**	1.03	0.97	*9MA*0601714A**
ENH4X24*17**	1.03	0.97	*9MA*0601714A**	ENH4X24*17**	1.03	0.97	*9MA*0601714A**
EA*4X24*17A*	1.03	0.97	*9MA*0801716A**	EA*4X24*17A*	1.03	0.97	*9MA*0801716A**
EHD4X24A**	1.03	0.97	*9MA*0801716A**	EHD4X24A**	1.03	0.97	*9MA*0801716A**
EN(A,D)4X24*17**	1.03	0.97	*9MA*0801716A**	EN(A,D)4X24*17**	1.03	0.97	*9MA*0801716A**
ENH4X24*17**	1.03	0.97	*9MA*0801716A**	ENH4X24*17**	1.03	0.97	*9MA*0801716A**
EA*4X24*17A*	1.03	0.97	*9MA*1002120A**	EA*4X24*17A*	1.03	0.97	*9MA*1002120A**
EHD4X24A**	1.03	0.97	*9MA*1002120A**	EHD4X24A**	1.03	0.97	*9MA*1002120A**
EN(A,D)4X24*17**	1.03	0.97	*9MA*1202422A**	EN(A,D)4X24*17**	1.03	0.97	*9MA*1202422A**
ENH4X24*17**	1.03	0.97	*9MA*1202422A**	ENH4X24*17**	1.03	0.97	*9MA*1202422A**
EA*4X24*17A*	1.03	0.97	*9MA*0601714A**	EA*4X24*17A*	1.03	0.97	*9MA*0601714A**
EHD4X24A**	1.03	0.97	*9MA*0601714A**	EHD4X24A**	1.03	0.97	*9MA*0601714A**
EN(A,D)4X24*14**	1.03	0.97	*9MA*0601714A**	EN(A,D)4X24*14**	1.03	0.97	*9MA*0601714A**
ENH4X24*14**	1.03	0.97	*9MA*0601714A**	ENH4X24*14**	1.03	0.97	*9MA*0601714A**

EXPANDED DATA (2 tons)

Cooling

		CONDENSER ENTERING AIR TEMPERATURES deg F (C)																		
		75 (24)			85 (29)			95 (35)			105 (41)			115 (46)			125 (52)			
EVAPORATOR AIR	CFM	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	
		Total	Sens		Total	Sens		Total	Sens		Total	Sens		Total	Sens		Total	Sens		Total
		N4H324A(G)KF Outdoor Section With FEM4P24**A* Indoor Section																		
	57	22.27	22.27	1.62	21.36	21.36	1.82	20.01	20.01	2.01	18.55	18.55	2.25	17.03	17.03	2.51	15.40	15.40	2.81	
	62	23.17	20.79	1.63	22.02	20.23	1.83	20.58	19.52	2.03	18.58	18.58	2.25	17.06	17.06	2.51	15.42	15.42	2.81	
700	63	23.65	16.96	1.63	22.45	16.42	1.83	21.09	15.82	2.05	18.86	14.86	2.25	16.76	16.76	2.50	14.55	13.00	2.79	
	67	25.62	17.65	1.66	24.33	17.13	1.86	22.96	16.57	2.09	21.15	15.84	2.32	18.89	14.94	2.55	16.55	14.01	2.83	
	72	28.04	14.27	1.70	26.88	13.86	1.91	25.54	13.37	2.14	23.99	12.83	2.40	22.07	12.12	2.68	19.47	11.20	2.92	
800	57	23.24	23.24	1.65	22.28	22.28	1.86	21.18	21.18	2.08	19.52	19.52	2.29	17.86	17.86	2.55	16.14	16.14	2.85	
	62	23.74	22.26	1.66	22.55	21.65	1.86	21.23	21.23	2.08	19.55	19.55	2.29	17.89	17.89	2.55	16.17	16.17	2.85	
	63	24.17	18.01	1.67	22.92	17.47	1.87	21.53	16.86	2.08	19.35	15.93	2.29	17.13	14.97	2.54	14.90	13.98	2.82	
	67	26.14	18.72	1.69	24.87	18.26	1.90	23.40	17.68	2.13	21.78	17.03	2.37	19.36	16.08	2.59	16.93	15.10	2.87	
	72	28.50	14.87	1.73	27.33	14.48	1.94	25.98	14.01	2.17	24.43	13.49	2.43	22.48	12.81	2.71	19.90	11.92	2.87	
900	57	24.05	24.05	1.69	23.03	23.03	1.89	21.91	21.91	2.12	20.37	20.37	2.34	18.61	18.61	2.60	16.76	16.76	2.89	
	62	24.25	23.56	1.69	23.07	23.07	1.89	21.94	21.94	2.12	20.40	20.40	2.34	18.64	18.64	2.60	16.81	16.81	2.89	
	63	24.60	19.04	1.69	23.29	18.48	1.90	21.88	17.87	2.12	19.70	16.93	2.32	17.49	15.95	2.57	15.23	14.83	2.85	
	67	26.54	19.73	1.72	25.26	19.31	1.93	23.76	18.77	2.16	22.10	18.10	2.41	19.74	17.16	2.63	17.27	16.11	2.90	
	72	28.85	15.42	1.76	27.68	15.06	1.97	26.31	14.61	2.20	24.75	14.11	2.46	22.87	13.52	2.74	20.25	12.62	3.01	

Heating

		OUTDOOR COIL ENTERING AIR TEMPERATURES deg F (C)																							
		-3 (-19)			7 (-14)			17 (-18)			27 (-3)			37 (3)			47 (8)			57 (14)			67 (19)		
INDOOR AIR	EDB	CFM	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW	Capacity MBtuh		Total System KW					
			Total	Integ		Total	Integ		Total	Integ		Total	Integ		Total	Integ		Total	Integ		Total	Integ	Total	Integ	
			N4H324A(G)KF Outdoor Section With FEM4P24**A* Indoor Section																						
65	700	7.98	7.35	1.45	9.70	1.54	12.03	1.60	16.25	14.43	1.67	19.15	17.43	1.73	22.05	22.05	1.80	25.36	25.36	1.89	28.21	28.21	1.97		
	800	8.15	7.50	1.46	10.74	9.87	1.54	13.42	12.23	1.60	16.65	14.78	1.65	19.39	17.64	1.70	22.34	22.34	1.76	25.60	25.60	1.83	28.25	28.25	1.91
70	800	7.71	7.09	1.52	10.32	9.49	1.61	13.00	11.85	1.67	15.96	14.18	1.73	19.08	17.36	1.79	22.00	22.00	1.85	25.27	25.27	1.93	27.95	27.95	2.00
	900	7.85	7.22	1.53	10.49	9.64	1.62	13.19	12.03	1.67	16.26	14.44	1.72	19.29	17.55	1.78	22.24	22.24	1.83	25.44	25.44	1.89	27.94	27.94	1.96
75	700	7.54	6.94	1.51	10.14	9.31	1.61	12.78	11.66	1.67	15.64	13.89	1.74	18.85	17.15	1.82	21.72	21.72	1.89	24.99	24.99	1.98	27.87	27.87	2.07
	800	7.08	6.51	1.58	9.68	8.89	1.68	12.36	11.27	1.75	15.19	13.49	1.82	18.59	16.91	1.91	21.39	21.39	1.98	24.61	24.61	2.08	27.51	27.51	2.17
	800	7.24	6.66	1.59	9.86	9.06	1.68	12.57	11.46	1.75	15.45	13.73	1.81	18.81	17.11	1.88	21.66	21.66	1.95	24.91	24.91	2.02	27.62	27.62	2.10
	900	7.38	6.79	1.60	10.03	9.22	1.69	12.76	11.63	1.75	15.68	13.92	1.80	18.99	17.28	1.87	21.90	21.90	1.92	25.11	25.11	1.99	27.65	27.65	2.06

MULTIPLIERS FOR COMBINATION RATINGS

Table with columns: COOLING INDOOR MODEL, CAPACITY, POWER, FURNACE MODEL, COOLING INDOOR MODEL, CAPACITY, POWER, FURNACE MODEL.

Table with columns: COOLING INDOOR MODEL, CAPACITY, POWER, FURNACE MODEL, COOLING INDOOR MODEL, CAPACITY, POWER, FURNACE MODEL.

Table with columns: COOLING INDOOR MODEL, CAPACITY, POWER, FURNACE MODEL, COOLING INDOOR MODEL, CAPACITY, POWER, FURNACE MODEL.

HEATING INDOOR MODEL	HEATING CAPACITY	HEATING POWER	FURNACE MODEL
EA*4X24**17A*	0.98	0.98	NOMV106D12*
EA*4X30**17A*	0.98	0.96	NOMV106D12*
EHD4X24**	0.99	0.98	NOMV106D12*
EHD4X30A**	0.99	0.96	NOMV106D12*
EN(A,D)4X24**17**	0.99	0.98	NOMV106D12*
EN(A,D)4X30**17**	0.99	0.96	NOMV106D12*
ENH4X24**17A*	0.98	0.98	NOMV106D12*
ENH4X30**17**	0.98	0.96	NOMV106D12*
EA*4X24**17A*	0.99	0.97	OLV098A12A
EA*4X30**17A*	0.99	0.95	OLV098A12A
EN(A,D)4X24**17**	1.00	0.97	OLV098A12A
EN(A,D)4X30**17**	0.99	0.95	OLV098A12A
EA*4X24**17A*	0.99	0.97	OMV098J12A
EA*4X30**17A*	0.99	0.95	OMV098J12A
EHD4X24**	1.00	0.97	OMV098J12A
EHD4X30A**	1.00	0.96	OMV098J12A
EN(A,D)4X24**17**	1.00	0.97	OMV098J12A
EN(A,D)4X30**17**	0.99	0.95	OMV098J12A
ENH4X24**17A*	0.99	0.97	OMV098J12A
ENH4X30**17**	0.98	0.96	OMV112K14A
EA*4X24**17A*	0.98	0.94	OMV112K14A
EA*4X30**17A*	0.98	0.96	OMV112K14A
EHD4X24**	0.99	0.96	OMV112K14A
EHD4X30A**	0.98	0.94	OMV112K14A
EN(A,D)4X24**17**	0.98	0.96	OMV112K14A
EN(A,D)4X30**17**	0.97	0.95	OMV112K14A
EA*4X24**17A*	0.97	0.95	OMV112K14A
EA*4X30**17A*	0.97	0.95	OMV112K14A
ENH4X24**17A*	0.97	0.95	OMV112K14A
ENH4X30**17**	0.97	0.95	OMV112K14A

HEATING INDOOR MODEL	HEATING CAPACITY	HEATING POWER	FURNACE MODEL
ENH4X30**17**	0.99	0.96	*9MV*0601714A**
EHD4X30A**	0.99	0.99	*9MV*0401410A**
EA*4X24**17A*	0.97	0.97	*9MV*0601714A**
EA*4X30**17A*	0.98	0.95	*9MV*0601714A**
EHD4X24**	0.97	0.97	*9MV*0601714A**
EHD4X30A**	0.98	0.95	*9MV*0601714A**
EN(A,D)4X24**17**	0.97	0.95	*9MV*0601714A**
EN(A,D)4X30**17**	0.98	0.95	*9MV*0601714A**
ENH4X24**17**	0.97	0.97	*9MV*0601714A**
ENH4X30**17**	0.98	0.95	*9MV*0601714A**
EA*4X24**17A*	0.97	0.96	*9MV*0801716A**
EA*4X30**17A*	0.98	0.94	*9MV*0801716A**
EHD4X24**	0.97	0.96	*9MV*0801716A**
EHD4X30A**	0.98	0.94	*9MV*0801716A**
EN(A,D)4X24**17**	0.97	0.96	*9MV*0801716A**
EN(A,D)4X30**17**	0.98	0.94	*9MV*0801716A**
ENH4X24**17**	0.97	0.96	*9MV*1002120A**
ENH4X30**17**	0.98	0.94	*9MV*1002120A**
EHD4X30A**	0.98	0.94	*9MV*0802120A**
EHD4X24**	0.97	0.97	*9MV*1002120A**
EHD4X30A**	0.98	0.93	*9MV*1002120A**
EN(A,D)4X24**17**	0.97	0.97	*9MV*1202422A**
EN(A,D)4X30**17**	0.98	0.94	*9MV*1202422A**
ENH4X24**17**	0.98	0.94	*9MA*0601714A**
ENH4X30**17**	0.98	0.97	*9MA*0601714A**
EA*4X24**17A*	0.98	0.97	*9MA*0801714A**
EA*4X30**17A*	0.98	0.97	*9MA*0801714A**
EHD4X24**	0.98	0.97	*9MA*0601714A**
EHD4X30A**	0.99	0.97	*9MA*0601714A**
EN(A,D)4X24**17**	0.98	0.97	*9MA*0601714A**
EN(A,D)4X30**17**	0.98	0.97	*9MA*0601714A**
ENH4X24**17**	0.98	0.97	*9MA*0801714A**
ENH4X30**17**	0.98	0.97	*9MA*0801714A**
EA*4X24**17A*	0.98	0.96	*9MA*0801714A**
EA*4X30**17A*	0.98	0.96	*9MA*0801714A**
EHD4X24**	0.98	0.96	*9MA*0801714A**
EHD4X30A**	0.99	0.96	*9MA*0801714A**
EN(A,D)4X24**17**	0.98	0.96	*9MA*0801714A**
EN(A,D)4X30**17**	0.98	0.96	*9MA*0801714A**
ENH4X24**17**	0.98	0.96	*9MA*1002122A**
ENH4X30**17**	0.99	0.93	*9MA*1002122A**
EA*4X24**17A*	0.98	0.96	*9MA*1202422A**
EA*4X30**17A*	0.98	0.96	*9MA*1202422A**
EHD4X24**	0.98	0.95	*9MA*0602120A**
EHD4X30A**	0.99	0.97	*9MA*0602120A**
ENH4X24**17**	0.98	0.96	*9MA*0602120A**

HEATING INDOOR MODEL	HEATING CAPACITY	HEATING POWER	FURNACE MODEL
*FEM4P24**A*	1.00	1.00	
FCM4X24***	0.96	0.94	
FEA4X24**A*	1.00	0.98	
FEA4X30**A*	1.00	0.97	
FEM4P30**A*	1.00	0.96	
FEM4X24**A*	0.98	0.96	
FEM4X24**B*	1.00	1.00	
FEM4X30**A*	0.98	0.93	
FEM4X30**B*	1.00	0.95	
FS(M,U)4P24**A*	1.00	0.99	
FVM4X24****	0.94	0.92	
FXM4X24**A*	1.00	0.96	
FXM4X30**A*	1.00	0.96	
EA*4X24**14A*	0.99	0.97	*8MX*0451408**
EA*4X30**14A*	0.99	0.96	*8MX*0451408**
EHD4X24**	0.99	0.97	*8MX*0451408**
EHD4X30A**	1.00	0.96	*8MX*0451408**
EN(A,D)4X24**14**	0.99	0.97	*8MX*0451408**
EN(A,D)4X30**14**	0.99	0.96	*8MX*0451408**
EA*4X24**14A*	0.98	0.98	*8MV*0701412**
EA*4X30**14A*	0.98	0.97	*8MV*0701412**
EHD4X24**	0.99	0.97	*8MV*0701412**
EHD4X30A**	0.99	0.96	*8MV*0701412**
EN(A,D)4X24**14**	0.98	0.97	*8MV*0701412**
EN(A,D)4X30**14**	0.98	0.97	*8MV*0701412**
EA*4X24**17A*	0.98	0.97	*8MV*0901716**
EA*4X30**17A*	0.98	0.95	*8MV*0901716**
EHD4X24**	0.99	0.96	*8MV*0901716**
EHD4X30A**	0.99	0.95	*8MV*0901716**
EN(A,D)4X24**17**	0.98	0.95	*8MV*0901716**
EN(A,D)4X30**17**	0.98	0.95	*8MV*0901716**
ENH4X24**17**	0.98	0.95	*8MV*0901716**
ENH4X30**17**	0.98	0.95	*8MV*0901716**
EHD4X24**	0.99	0.97	*8MV*1102120**
EHD4X30A**	0.99	0.95	*8MV*1102120**
ENH4X24**17**	0.98	0.97	*8MV*1352422**
ENH4X30**17**	0.98	0.95	*8MV*1352422**
EA*4X30**14A*	1.00	0.99	*9MX*0401410A**
EA*4X30A**	1.02	1.00	*9MX*0401410A**
EA*4X24**17A*	0.98	0.97	*9MX*0601714A**
EA*4X30**17A*	0.99	0.96	*9MX*0601714A**
EHD4X24**	0.98	0.98	*9MX*0601714A**
EHD4X30A**	0.99	0.96	*9MX*0601714A**
EN(A,D)4X24**17**	0.98	0.97	*9MX*0601714A**
EN(A,D)4X30**17**	0.99	0.96	*9MX*0601714A**
ENH4X24**17**	0.98	0.97	*9MX*0601714A**

**EXPANDED DATA (2-1/2 tons)**

**Cooling**

**CONDENSER ENTERING AIR TEMPERATURES deg F (C)**

EVAPORATOR AIR	75 (24)		85 (29)		95 (35)		105 (41)		115 (46)		125 (52)	
	Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh	
	Total	Sens	Total	Sens	Total	Sens	Total	Sens	Total	Sens	Total	Sens
CFM	Total System KW		Total System KW		Total System KW		Total System KW		Total System KW		Total System KW	
	N4H330A(G)KF, N4H330GHF Outdoor Section With FEM4P30**A* Indoor Section		N4H330A(G)KF, N4H330GHF Outdoor Section With FEM4P30**A* Indoor Section		N4H330A(G)KF, N4H330GHF Outdoor Section With FEM4P30**A* Indoor Section		N4H330A(G)KF, N4H330GHF Outdoor Section With FEM4P30**A* Indoor Section		N4H330A(G)KF, N4H330GHF Outdoor Section With FEM4P30**A* Indoor Section		N4H330A(G)KF, N4H330GHF Outdoor Section With FEM4P30**A* Indoor Section	
875	27.18	27.18	26.03	26.03	24.78	24.78	23.39	23.39	21.45	21.45	19.49	19.49
	28.44	24.01	26.96	23.33	25.36	22.59	25.1	21.76	23.65	21.48	19.54	19.54
	29.05	19.61	27.50	18.95	25.87	18.25	25.2	17.50	24.07	16.47	15.40	15.40
	31.49	20.43	29.83	19.77	28.06	19.07	25.5	18.34	26.17	17.56	16.53	16.53
	34.60	16.62	33.02	16.06	31.22	15.43	2.60	14.74	29.22	13.94	13.15	13.15
1000	28.38	28.38	27.13	27.13	25.81	25.81	24.36	24.36	22.72	22.72	20.47	20.47
	29.14	25.72	27.59	24.98	25.98	24.14	25.5	24.40	24.40	22.76	20.51	20.51
	29.71	20.82	28.09	20.14	26.36	19.42	25.6	18.67	24.52	17.68	16.54	16.54
	32.16	21.66	30.48	21.06	28.60	20.33	2.60	19.58	26.61	18.80	17.83	17.83
	35.21	17.30	33.61	16.78	31.78	16.17	2.65	15.50	29.75	14.76	13.90	13.90
1125	29.38	29.38	28.07	28.07	26.66	26.66	25.15	25.15	23.48	23.48	21.30	21.30
	29.75	27.27	28.15	28.15	26.70	26.70	2.60	25.18	25.18	23.51	21.34	21.34
	30.21	21.97	28.53	21.28	26.75	20.55	2.60	19.77	24.84	18.90	17.60	17.60
	32.67	22.83	30.96	22.26	29.01	21.55	2.64	20.78	26.97	19.98	19.05	19.05
	35.66	17.95	34.05	17.45	32.19	16.87	2.69	16.21	30.14	15.49	14.64	14.64

**Heating**

**OUTDOOR COIL ENTERING AIR TEMPERATURES deg F (C)**

INDOOR AIR	-3 (-19)		7 (-14)		17 (-18)		27 (-3)		37 (3)		47 (8)		57 (14)		67 (19)	
	Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh	
	Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ
EDB	Total System KW		Total System KW		Total System KW		Total System KW		Total System KW		Total System KW		Total System KW		Total System KW	
CFM	N4H330A(G)KF, N4H330GHF Outdoor Section With FEM4P30**A* Indoor Section		N4H330A(G)KF, N4H330GHF Outdoor Section With FEM4P30**A* Indoor Section		N4H330A(G)KF, N4H330GHF Outdoor Section With FEM4P30**A* Indoor Section		N4H330A(G)KF, N4H330GHF Outdoor Section With FEM4P30**A* Indoor Section		N4H330A(G)KF, N4H330GHF Outdoor Section With FEM4P30**A* Indoor Section		N4H330A(G)KF, N4H330GHF Outdoor Section With FEM4P30**A* Indoor Section		N4H330A(G)KF, N4H330GHF Outdoor Section With FEM4P30**A* Indoor Section		N4H330A(G)KF, N4H330GHF Outdoor Section With FEM4P30**A* Indoor Section	
875	11.54	10.62	14.61	13.43	17.89	16.31	2.13	21.51	22.71	24.95	28.66	28.66	32.91	32.91	36.28	36.28
	11.73	10.79	14.83	13.63	18.18	16.58	2.12	21.76	22.99	25.26	29.04	29.04	33.14	33.14	36.10	36.10
	11.90	10.95	15.02	13.81	18.71	17.06	2.13	21.96	23.22	25.52	29.36	29.36	33.18	33.18	35.81	35.81
	11.08	10.20	14.17	13.02	17.44	15.90	2.22	21.21	22.37	24.58	28.23	28.23	32.45	32.45	35.92	35.92
70	11.30	10.40	14.41	13.24	17.70	16.14	2.22	21.45	22.64	24.88	28.60	28.60	32.74	32.74	35.79	35.79
	11.48	10.56	14.61	13.42	17.93	16.35	2.27	21.65	22.87	25.13	28.91	28.91	32.84	32.84	35.55	35.55
	10.66	9.81	13.74	12.63	16.99	15.49	2.32	20.87	22.03	24.20	27.80	27.80	31.99	31.99	35.52	35.52
75	10.85	9.98	13.97	12.83	17.25	15.73	2.32	21.12	22.29	24.49	28.16	28.16	32.32	32.32	35.45	35.45
	11.02	10.14	14.16	13.01	17.47	15.93	2.32	21.33	22.52	24.75	28.47	28.47	32.48	32.48	35.27	35.27

**MULTIPLIERS FOR COMBINATION RATINGS**

COOLING			FURNACE MODEL
COOLING INDOOR MODEL	CAPACITY	POWER	
*FEM4P30**A*	1.00	1.00	
FCM4X24****	1.05	1.00	
FCM4X36****	1.05	0.99	
FEA4X30**A*	1.05	1.03	
FEA4X36**A*	1.05	1.05	
FEM4P36**A*	1.04	1.02	
FEM4X30**A*	1.05	1.02	
FEM4X30**B*	1.00	0.98	
FEM4X35**A*	1.05	1.03	
FEM4X36**A*	1.05	1.02	
FEM4X36**B*	1.04	1.02	
FS(M,U)4P30**A*	1.05	1.03	
FVM4X24****	1.05	1.00	
FVM4X36****	1.05	0.99	
FXM4X30**A*	1.05	1.00	
FXM4X36**A*	1.05	0.99	
EA*4X30*17A*	1.05	1.02	*8MX*0701716**
EA*4X36*17A*	1.05	1.02	*8MX*0701716**
EHD4X30A**	1.05	1.02	*8MX*0701716**
EHD4X36A**	1.05	1.00	*8MX*0701716**
EN(A,D)4X30*17**	1.05	1.02	*8MX*0701716**
EN(A,D,W)4X36*17**	1.05	1.02	*8MX*0701716**
ENH4X30A**	1.05	1.02	*8MX*0701716**
ENH4X36*17**	1.05	1.02	*8MX*0902116**
EA*4X36*21A*	1.05	1.00	*8MX*0902116**
EHD4X30A**	1.05	1.02	*8MX*0902116**
EHD4X36*17**	1.05	1.02	*8MX*0902116**
EN(A,D)4X30*17**	1.05	1.02	*8MV*0701412**
EN(A,D,W)4X36*17**	1.05	1.02	*8MV*0701412**
ENH4X30A**	1.05	1.02	*8MV*0701412**
ENH4X36*17**	1.05	1.00	*8MV*0901716**
EA*4X30*17A*	1.05	1.00	*8MV*0901716**
EHD4X30A**	1.05	1.00	*8MV*0901716**
EHD4X36*17**	1.05	1.00	*8MV*0901716**
EN(A,D)4X30*17**	1.05	1.00	*8MV*1102120**
EN(A,D,W)4X36*17**	1.05	1.00	*8MV*1102120**
ENH4X30A**	1.05	1.00	*8MV*1102120**
ENH4X36*17**	1.05	0.99	*8MV*1102120**
EA*4X36*21A*	1.05	1.00	*8MV*1102120**
EHD4X30A**	1.05	1.00	*8MV*1102120**
EHD4X36**	1.05	0.99	*8MV*1102120**
EN(A,D)4X36*21**	1.05	1.00	*8MV*1352422**
EHD4X30A**	1.05	1.00	*8MV*1352422**

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
EHD4X36A**	1.05	0.99	*8MV*1352422**
EA*4X30*17A*	1.05	1.02	*9MX*0601714**
EA*4X36*17A*	1.05	1.02	*9MX*0601714**
EHD4X30A**	1.05	1.02	*9MX*0601714**
EHD4X36A**	1.05	1.00	*9MX*0601714**
EN(A,D)4X30*17**	1.05	1.02	*9MX*0601714**
EN(A,D,W)4X36*17**	1.05	1.02	*9MX*0601714**
ENH4X30*17**	1.05	1.02	*9MX*0601714**
ENH4X36*17**	1.05	1.02	*9MX*0601714**
EA*4X30*17A*	1.05	1.02	*9MX*0801716**
EA*4X36*17A*	1.05	1.02	*9MX*0801716**
EHD4X30A**	1.05	1.02	*9MX*0801716**
EHD4X36A**	1.05	1.00	*9MX*0801716**
EN(A,D)4X30*17**	1.05	1.02	*9MX*0801716**
EN(A,D,W)4X36*17**	1.05	1.02	*9MX*0801716**
ENH4X30*17**	1.05	1.02	*9MX*0801716**
ENH4X36*17**	1.05	1.02	*9MX*0801716**
EA*4X30*17A*	1.04	1.01	*9MV*0601714**
EA*4X36*17A*	1.05	1.02	*9MV*0601714**
EHD4X30A**	1.04	1.01	*9MV*0601714**
EHD4X36A**	1.05	1.00	*9MV*0601714**
EN(A,D)4X30*17**	1.04	1.01	*9MV*0601714**
EN(A,D,W)4X36*17**	1.04	1.01	*9MV*0601714**
ENH4X30A**	1.05	1.02	*9MV*0801716**
ENH4X36*17**	1.05	1.00	*9MV*0801716**
EA*4X36*17A*	1.05	1.02	*9MV*0801716**
EHD4X30A**	1.05	1.02	*9MV*0801716**
EHD4X36*17**	1.05	1.02	*9MV*0801716**
EN(A,D)4X30*17**	1.05	1.02	*9MV*0801716**
EN(A,D,W)4X36*17**	1.05	1.02	*9MV*0801716**
ENH4X30A**	1.05	1.02	*9MV*0801716**
ENH4X36*17**	1.05	1.00	*9MV*0801716**
EA*4X30*17A*	1.05	1.02	*9MV*0801716**
EA*4X36*21A*	1.05	1.02	*9MV*0801716**
EHD4X30A**	1.05	1.02	*9MV*0801716**
EHD4X36*17**	1.04	1.00	*9MV*1002120**
EN(A,D)4X30*17**	1.05	1.00	*9MV*1002120**
EN(A,D,W)4X36*21**	1.04	1.00	*9MV*1002120**
ENH4X30A**	1.05	1.00	*9MV*1202422**
ENH4X36**	1.05	0.99	*9MV*1202422**
EA*4X36*17A*	1.05	1.02	*9MA*0601714**
EHD4X30A**	1.05	1.03	*9MA*0601714**
EHD4X36**	1.05	1.00	*9MA*0601714**
EN(A,D)4X30*17**	1.04	1.02	*9MA*0601714**
EN(A,D,W)4X36*17**	1.04	1.02	*9MA*0601714**
ENH4X30*17**	1.04	1.02	*9MA*0601714**
ENH4X36*17**	1.04	1.02	*9MA*0601714**

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
EA*4X30*17A*	1.05	1.02	*9MA*0801714**
EA*4X36*17A*	1.05	1.02	*9MA*0801714**
EHD4X30A**	1.05	1.02	*9MA*0801714**
EHD4X36A**	1.05	1.00	*9MA*0801714**
EN(A,D)4X30*17**	1.05	1.02	*9MA*0801714**
EN(A,D,W)4X36*17**	1.05	1.02	*9MA*0801714**
ENH4X30*17**	1.05	1.02	*9MA*0801714**
ENH4X36*17**	1.05	1.02	*9MA*0801714**
EA*4X36*21A*	1.05	1.00	*9MA*0802120**
EHD4X30A**	1.05	1.02	*9MA*0802120**
EHD4X36**	1.05	0.99	*9MA*0802120**
EN(A,D)4X36*21**	1.05	1.02	*9MA*0802120**
EA*4X36*21A*	1.05	0.99	*9MA*1002122A**
EHD4X30A**	1.05	1.00	*9MA*1002122A**
EHD4X36A**	1.05	0.99	*9MA*1002122A**
EN(A,D)4X30*17**	1.05	1.02	*9MA*1002122A**
EN(A,D,W)4X36*21**	1.05	1.02	*9MA*1002122A**
ENH4X30A**	1.05	1.00	*9MA*1202422A**
ENH4X36**	1.05	0.99	*9MA*1202422A**
EHD4X36A**	1.05	0.99	*9MA*1202422A**
EN(A,D)4X30*17**	1.05	1.02	*9MA*1202422A**
EN(A,D,W)4X36*21**	1.05	1.02	*9MA*1202422A**
ENH4X30A**	1.04	1.01	NOMV106D12*
ENH4X36**	1.05	1.00	NOMV106D12*
EA*4X30*17A*	1.03	1.01	NOMV106D12*
EA*4X36*17A*	1.03	1.01	NOMV106D12*
EHD4X30A**	1.03	1.01	NOMV106D12*
EHD4X36*17**	1.03	1.01	NOMV106D12*
EN(A,D)4X30*17**	1.04	1.01	OLV098A12A
EN(A,D,W)4X36*17**	1.05	1.02	OLV098A12A
ENH4X30A**	1.05	1.02	OLV098A12A
ENH4X36*17**	1.05	1.02	OLV098A12A
EA*4X36*21A*	1.05	1.00	OLV112A16A
EHD4X30A**	1.05	1.02	OLV112A16A
EHD4X36*17**	1.05	1.03	OMV098J12A
EN(A,D)4X30*17**	1.05	1.02	OMV098J12A
EN(A,D,W)4X36*17**	1.05	1.03	OMV098J12A
ENH4X30A**	1.05	1.03	OMV098J12A
ENH4X36*17**	1.05	1.03	OMV098J12A
EA*4X30*17A*	1.05	1.00	OMV112K14A
EA*4X36*17A*	1.05	1.00	OMV112K14A
EHD4X30A**	1.05	1.02	OMV112K14A
EHD4X36**	1.05	1.02	OMV112K14A

MULTIPLIERS FOR COMBINATION RATINGS

COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
EHD4X36A**	1.05	0.99	OMV112K14A	ENH4X36*17**	0.99	1.00	*8MX*0701716**	EA*4X36*17A*	0.99	0.97	*8MX*0902116**
EN(A,D)4X30*17**	1.05	1.00	OMV112K14A	EA*4X36*21A*	0.99	0.97	*8MX*0902116**	EA*4X36*17A*	0.99	0.97	*8MX*0902116**
EN(A,D,W)4X36*17**	1.05	1.00	OMV112K14A	EHD4X30A**	0.99	0.99	*8MX*0902116**	EHD4X30A**	0.99	0.99	*8MX*0902116**
ENH4X30*17**	1.05	1.00	OMV112K14A	EHD4X36A**	0.99	0.95	*8MX*0902116**	EHD4X36A**	0.99	0.95	*8MX*0902116**
ENH4X36*17**	1.05	1.00	OMV112K14A	EN(A,D)4X36*21**	0.99	0.99	*8MX*0902116**	EN(A,D)4X36*21**	0.99	0.99	*8MX*0902116**
EA*4X30*14A*	1.04	1.00	MV08**14C*	EA*4X30*14A*	0.98	1.00	*8MV*0701412**	EA*4X30*14A*	0.98	1.00	*8MV*0701412**
EA*4X30*17A*	1.05	1.00	MV12**17C*	EA*4X36*14A*	0.98	1.00	*8MV*0701412**	EA*4X36*14A*	0.98	1.00	*8MV*0701412**
EA*4X36*14A*	1.04	1.00	MV08**14C*	EHD4X30A**	0.99	0.99	*8MV*0701412**	EHD4X30A**	0.99	0.99	*8MV*0701412**
EA*4X36*17A*	1.05	0.99	MV12**17C*	EHD4X36A**	0.99	0.96	*8MV*0701412**	EHD4X36A**	0.99	0.96	*8MV*0701412**
EA*4X36*21A*	1.05	0.99	MV12**17C*	EA*4X30*17A*	0.98	1.00	*8MV*0901716**	EA*4X30*17A*	0.98	1.00	*8MV*0901716**
EHD4X30A**	1.04	1.00	MV08**14C*	EA*4X36*17A*	0.98	0.99	*8MV*0901716**	EA*4X36*17A*	0.98	0.99	*8MV*0901716**
EHD4X30A**	1.05	1.00	MV12**17C*	EHD4X30A**	0.99	0.98	*8MV*0901716**	EHD4X30A**	0.99	0.98	*8MV*0901716**
EHD4X36A**	1.05	1.00	MV12**17C*	EHD4X36A**	0.99	0.96	*8MV*0901716**	EHD4X36A**	0.99	0.96	*8MV*0901716**
EHD4X36A**	1.05	0.99	MV08**14C*	EN(A,D)4X30*17**	0.98	0.99	*8MV*0901716**	EN(A,D)4X30*17**	0.98	0.99	*8MV*0901716**
EN(A,D)4X30*14**	1.04	1.00	MV08**14C*	EN(A,D,W)4X36*17**	0.98	0.99	*8MV*0901716**	EN(A,D,W)4X36*17**	0.98	0.99	*8MV*0901716**
EN(A,D)4X30*17**	1.05	1.00	MV12**17C*	ENH4X30*17**	0.98	0.99	*8MV*0901716**	ENH4X30*17**	0.98	0.99	*8MV*0901716**
EN(A,D)4X36*21**	1.05	1.00	MV12**17C*	ENH4X36**	0.98	0.99	*8MV*0901716**	ENH4X36**	0.98	0.99	*8MV*0901716**
EN(A,D,W)4X36*17**	1.05	1.00	MV12**17C*	EA*4X30*17A*	0.99	0.98	*8MV*1102120**	EA*4X30*17A*	0.99	0.98	*8MV*1102120**
ENH4X30*17**	1.05	1.00	MV12**17C*	EHD4X30A**	0.99	0.98	*8MV*1102120**	EHD4X30A**	0.99	0.98	*8MV*1102120**
ENH4X36*17**	1.05	1.00	MV12**17C*	EHD4X36A**	0.99	0.95	*8MV*1102120**	EHD4X36A**	0.99	0.95	*8MV*1102120**
				EN(A,D)4X36*21**	0.98	0.99	*8MV*1102120**	EN(A,D)4X36*21**	0.98	0.99	*8MV*1102120**
				EN(A,D,W)4X36*17**	0.98	0.99	*8MV*1102120**	EN(A,D,W)4X36*17**	0.98	0.99	*8MV*1102120**
				ENH4X30*17**	0.99	0.98	*8MV*1352422**	ENH4X30*17**	0.99	0.98	*8MV*1352422**
				ENH4X36**	0.99	0.95	*8MV*1352422**	ENH4X36**	0.99	0.95	*8MV*1352422**
				EA*4X30*17A*	0.99	1.00	*9MX*0601714A**	EA*4X30*17A*	0.99	1.00	*9MX*0601714A**
				EHD4X30A**	0.99	0.99	*9MX*0601714A**	EHD4X30A**	0.99	0.99	*9MX*0601714A**
				EHD4X36A**	0.99	0.99	*9MX*0601714A**	EHD4X36A**	0.99	0.99	*9MX*0601714A**
				EA*4X36**	0.99	0.99	*9MX*0601714A**	EA*4X36**	0.99	0.99	*9MX*0601714A**
				EN(A,D)4X30*17**	0.99	1.00	*9MX*0601714A**	EN(A,D)4X30*17**	0.99	1.00	*9MX*0601714A**
				EN(A,D,W)4X36*17**	0.99	1.00	*9MX*0601714A**	EN(A,D,W)4X36*17**	0.99	1.00	*9MX*0601714A**
				ENH4X30*17**	0.99	1.00	*9MX*0601714A**	ENH4X30*17**	0.99	1.00	*9MX*0601714A**
				ENH4X36*17**	0.99	1.00	*9MX*0601714A**	ENH4X36*17**	0.99	1.00	*9MX*0601714A**
				EA*4X30*17A*	0.99	0.99	*9MX*0601714A**	EA*4X30*17A*	0.99	0.99	*9MX*0601714A**
				EHD4X30A**	0.99	0.99	*9MX*0601714A**	EHD4X30A**	0.99	0.99	*9MX*0601714A**
				EHD4X36*17A*	1.00	0.99	*9MX*0601714A**	EHD4X36*17A*	1.00	0.99	*9MX*0601714A**
				EA*4X36**	1.00	0.98	*9MX*0601714A**	EA*4X36**	1.00	0.98	*9MX*0601714A**
				EN(A,D)4X30*17**	0.99	0.95	*9MX*0601714A**	EN(A,D)4X30*17**	0.99	0.95	*9MX*0601714A**
				EN(A,D,W)4X36*17**	0.99	0.99	*9MX*0601714A**	EN(A,D,W)4X36*17**	0.99	0.99	*9MX*0601714A**
				ENH4X30*17**	0.99	0.99	*9MX*0601714A**	ENH4X30*17**	0.99	0.99	*9MX*0601714A**
				ENH4X36*17**	0.97	0.96	*9MX*0601714A**	ENH4X36*17**	0.97	0.96	*9MX*0601714A**
				FXM4X30**A*	1.00	0.97	*9MX*0601714A**	FXM4X30**A*	1.00	0.97	*9MX*0601714A**
				FXM4X36**A*	0.98	0.93	*9MX*0601714A**	FXM4X36**A*	0.98	0.93	*9MX*0601714A**
				EA*4X30*17A*	0.99	1.00	*8MX*0701716**	EA*4X30*17A*	0.99	1.00	*8MX*0701716**
				EA*4X36*17A*	0.99	0.99	*8MX*0701716**	EA*4X36*17A*	0.99	0.99	*8MX*0701716**
				EHD4X30A**	0.99	0.99	*8MX*0701716**	EHD4X30A**	0.99	0.99	*8MX*0701716**
				EHD4X36A**	0.99	0.97	*8MX*0701716**	EHD4X36A**	0.99	0.97	*8MX*0701716**
				EN(A,D)4X30*17**	0.99	1.00	*8MX*0701716**	EN(A,D)4X30*17**	0.99	1.00	*8MX*0701716**
				EN(A,D,W)4X36*17**	0.99	1.00	*8MX*0701716**	EN(A,D,W)4X36*17**	0.99	1.00	*8MX*0701716**
				ENH4X30*17**	0.99	1.00	*8MX*0701716**	ENH4X30*17**	0.99	1.00	*8MX*0701716**

HEATING INDOOR MODEL	HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
EA*4X30*17A*	EA*4X30*14A*	0.97	0.98	MV08**14C*
EA*4X30*17A*	EA*4X30*17A*	0.97	0.97	MV12**17C*
EA*4X36*17A**	EA*4X36*14A*	0.97	0.98	MV08**14C*
EA*4X36*17A**	EA*4X36*17A*	0.97	0.97	MV12**17C*
EA*4X36*21A*	EA*4X36*21A*	0.97	0.96	MV12**17C*
EHD4X30A**	EHD4X30A**	0.97	0.96	MV08**14C*
EHD4X30A**	EHD4X30A**	0.98	0.96	MV12**17C*
EHD4X36A**	EHD4X36A**	0.97	0.95	MV08**14C*
EHD4X36A**	EHD4X36A**	0.98	0.94	MV12**17C*
EN(A,D)4X30*14**	EN(A,D)4X30*14**	0.97	0.99	MV08**14C*
EN(A,D)4X30*17**	EN(A,D)4X30*17**	0.97	0.97	MV12**17C*
EN(A,D)4X36*21**	EN(A,D)4X36*21**	0.97	0.97	MV12**17C*
EN(A,D,W)4X36*17**	EN(A,D,W)4X36*17**	0.97	0.97	MV12**17C*
ENH4X30*17**	ENH4X30*17**	0.97	0.97	MV12**17C*
ENH4X36*17**	ENH4X36*17**	0.97	0.97	MV12**17C*

HEATING INDOOR MODEL	HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
EA*4X36*17A*	EA*4X36*17A*	0.99	1.00	OMV098J12A
EHD4X30A**	EHD4X30A**	1.00	1.00	OMV098J12A
EHD4X36A**	EHD4X36A**	0.99	0.97	OMV098J12A
EN(A,D)4X30*17**	EN(A,D)4X30*17**	0.99	1.02	OMV098J12A
EN(A,D,W)4X36*17**	EN(A,D,W)4X36*17**	0.99	1.02	OMV098J12A
ENH4X30*17**	ENH4X30*17**	0.99	1.02	OMV098J12A
ENH4X36*17**	ENH4X36*17**	0.99	1.02	OMV098J12A
EA*4X30*17A*	EA*4X30*17A*	0.98	0.99	OMV112K14A
EA*4X36*17A*	EA*4X36*17A*	0.99	0.98	OMV112K14A
EHD4X30A**	EHD4X30A**	0.99	0.98	OMV112K14A
EHD4X36A**	EHD4X36A**	0.99	0.95	OMV112K14A
EN(A,D)4X30*17**	EN(A,D)4X30*17**	0.99	0.99	OMV112K14A
EN(A,D,W)4X36*17**	EN(A,D,W)4X36*17**	0.99	0.99	OMV112K14A
ENH4X30*17**	ENH4X30*17**	0.99	0.99	OMV112K14A
ENH4X36*17**	ENH4X36*17**	0.99	0.99	OMV112K14A

HEATING INDOOR MODEL	HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
EHD4X30A**	EHD4X30A**	0.98	0.99	NOMV106D12*
EHD4X36A**	EHD4X36A**	0.98	0.97	NOMV106D12*
EN(A,D)4X30*17**	EN(A,D)4X30*17**	0.97	0.99	NOMV106D12*
EN(A,D,W)4X36*17**	EN(A,D,W)4X36*17**	0.97	0.99	NOMV106D12*
ENH4X30*17**	ENH4X30*17**	0.97	0.99	NOMV106D12*
ENH4X36*17**	ENH4X36*17**	0.97	0.99	NOMV106D12*
EA*4X30*17A*	EA*4X30*17A*	0.99	1.01	OLV098A12A
EA*4X36*17A*	EA*4X36*17A*	0.99	1.00	OLV098A12A
EN(A,D)4X30*17**	EN(A,D)4X30*17**	0.99	1.01	OLV098A12A
EN(A,D,W)4X36*17**	EN(A,D,W)4X36*17**	0.99	1.01	OLV098A12A
EA*4X36*21A*	EA*4X36*21A*	0.99	0.98	OLV112A16A
EN(A,D)4X36*21**	EN(A,D)4X36*21**	0.99	0.99	OLV112A16A
EA*4X30*17A*	EA*4X30*17A*	0.99	1.01	OMV098J12A



**EXPANDED DATA (3 tons)**

**Cooling**

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES deg F (C)																	
		75 (24)			85 (29)			95 (35)			105 (41)			115 (46)			125 (52)		
		Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW
CFM	EWB	N4H336A(G)KJF, N4H3336GH(L)F Outdoor Section With FEM4P36**A* Indoor Section																	
57		31.95	31.95	2.39	30.67	2.65	29.29	29.29	2.94	27.80	27.80	3.26	25.76	25.76	3.59	23.48	23.48	3.99	
62		33.18	28.52	2.41	31.56	2.66	29.84	26.94	2.95	28.01	26.01	3.27	25.81	25.81	3.60	23.53	23.53	3.99	
63	1050	33.87	23.22	2.42	32.19	2.67	30.39	21.74	2.95	28.45	20.94	3.28	25.81	19.85	3.59	22.68	18.58	3.97	
67		36.68	24.14	2.44	34.92	2.71	32.98	22.73	3.00	30.94	21.95	3.32	28.72	21.10	3.70	25.84	20.01	4.06	
72		40.08	19.42	2.48	38.56	2.75	36.71	18.31	3.04	34.58	17.59	3.38	32.09	16.72	3.77	29.53	15.84	4.21	
57		33.27	33.27	2.45	31.91	2.71	30.46	30.46	3.00	28.89	28.89	3.33	27.12	27.12	3.70	24.64	24.64	4.06	
62		33.98	30.51	2.46	32.31	2.72	30.54	30.54	3.00	28.93	28.93	3.33	27.16	27.16	3.70	24.68	24.68	4.07	
63	1200	34.60	24.67	2.47	32.85	2.72	30.97	23.16	3.01	28.97	22.34	3.33	26.70	21.41	3.69	23.25	19.97	4.02	
67		37.41	25.60	2.49	35.66	2.76	33.60	24.27	3.05	31.47	23.46	3.38	29.19	22.59	3.75	26.62	21.61	4.16	
72		40.70	20.22	2.53	39.19	19.78	37.34	19.19	3.09	35.20	18.50	3.43	32.76	17.71	3.82	29.95	16.76	4.27	
57		34.39	34.39	2.51	32.97	2.77	31.42	31.42	3.06	29.79	29.79	3.39	27.97	27.97	3.77	25.68	25.68	4.15	
62		34.71	32.24	2.51	33.03	2.77	31.46	31.46	3.06	29.82	29.82	3.39	28.01	28.01	3.77	25.72	25.72	4.16	
63	1350	35.21	26.05	2.52	33.35	2.77	31.40	24.50	3.06	29.36	23.65	3.38	27.07	22.70	3.74	23.69	21.22	4.08	
67		37.95	26.97	2.54	36.17	2.81	34.08	25.72	3.10	31.88	24.88	3.43	29.55	23.99	3.81	26.96	22.97	4.22	
72		41.12	20.88	2.57	39.64	2.84	37.79	20.00	3.14	35.64	19.94	3.48	33.18	18.58	3.87	30.35	17.66	4.31	

**Heating**

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES deg F (C)																							
		-3 (-19)			7 (-14)			17 (-3)			27 (3)			37 (9)			47 (8)			57 (14)			67 (19)		
		Capacity MBtuh	Total System KW	Total System KW	Capacity MBtuh	Total System KW	Total System KW	Capacity MBtuh	Total System KW	Total System KW	Capacity MBtuh	Total System KW	Total System KW	Capacity MBtuh	Total System KW	Total System KW	Capacity MBtuh	Total System KW	Total System KW	Capacity MBtuh	Total System KW	Total System KW	Capacity MBtuh	Total System KW	Total System KW
EDB	CFM	N4H336A(G)KJF, N4H3336GH(L)F Outdoor Section With FEM4P36**A* Indoor Section																							
1050		12.79	11.77	2.17	16.58	15.24	2.26	20.53	18.72	2.35	24.72	21.96	2.46	29.59	26.93	2.60	33.44	33.44	2.71	37.48	37.48	2.84	41.96	41.96	3.04
1200	65	13.08	12.04	2.19	16.92	15.55	2.28	20.91	19.07	2.36	25.18	22.36	2.46	29.99	27.29	2.58	33.84	33.84	2.68	38.05	38.05	2.80	42.68	42.68	2.97
1350		13.35	12.28	2.22	17.22	15.83	2.30	21.25	19.37	2.37	25.56	22.70	2.46	30.31	27.58	2.58	34.23	34.23	2.66	38.53	38.53	2.77	43.26	43.26	2.93
1050	70	11.97	11.01	2.27	15.80	14.52	2.36	19.79	18.04	2.46	24.01	21.32	2.57	29.06	26.45	2.72	32.95	32.95	2.83	36.89	36.89	2.97	41.27	41.27	3.17
1200		12.30	11.31	2.29	16.16	14.85	2.38	20.20	18.42	2.47	24.46	21.72	2.56	29.49	26.84	2.70	33.40	33.40	2.80	37.45	37.45	2.92	41.97	41.97	3.10
1350		12.56	11.55	2.32	16.46	15.13	2.40	20.53	18.72	2.48	24.83	22.06	2.57	29.84	27.16	2.69	33.76	33.76	2.78	37.92	37.92	2.89	42.56	42.56	3.06
1050	75	11.18	10.29	2.37	15.04	13.83	2.47	19.07	17.39	2.57	23.26	20.66	2.68	27.74	25.24	2.81	32.46	32.46	2.96	36.32	36.32	3.10	40.58	40.58	3.31
1200		11.45	10.53	2.40	15.37	14.13	2.48	19.45	17.73	2.57	23.71	21.06	2.67	28.43	25.87	2.79	32.89	32.89	2.92	36.86	36.86	3.05	41.27	41.27	3.24
1350		11.71	10.78	2.43	15.67	14.40	2.51	19.78	18.04	2.59	24.08	21.39	2.68	28.29	26.66	2.81	33.26	33.26	2.90	37.31	37.31	3.02	41.84	41.84	3.19

MULTIPLIERS FOR COMBINATION RATINGS

COOLING				COOLING INDOOR MODEL				FURNACE MODEL			
COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FEM4P36**A*	1.00	1.00	*8MV*0901716**	EHD4X36**	1.04	0.97	*8MV*0901716**	EA*4X36*21A*	1.02	0.96	*9MV*0802120A**
FCM4X24****	1.02	0.96	*8MV*0901716**	EHD4X42A**	1.04	0.95	*8MV*0901716**	EA*4X42*21A*	1.03	0.97	*9MV*0802120A**
FCM4X36****	1.02	0.92	*8MV*0901716**	EN(A,D,W)4X36*17**	1.01	0.97	*8MV*0901716**	EHD4X36A**	1.04	0.97	*9MV*0802120A**
FCM4X48****	1.06	0.93	*8MV*0901716**	END4X42*17**	1.04	0.97	*8MV*0901716**	EHD4X42A**	1.04	0.95	*9MV*0802120A**
FCM4X60****	1.07	0.93	*8MV*1102120**	EN(A,D,W)4X36*21A*	1.02	0.96	*8MV*1102120**	EN(A,D,W)4X36*21**	1.01	0.97	*9MV*0802120A**
FEA4X36**A*	1.02	1.00	*8MV*1102120**	EA*4X42*21A*	1.02	0.96	*8MV*1102120**	ENH4X42*21**	1.02	0.96	*9MV*0802120A**
FEM4P42**A*	1.03	0.98	*8MV*1102120**	EHD4X36A**	1.04	0.98	*8MV*1102120**	EA*4X36*21A*	1.02	0.96	*9MV*1002120A**
FEM4X35**A*	1.02	0.98	*8MV*1102120**	EHD4X42A**	1.05	0.96	*8MV*1102120**	EA*4X42*21A*	1.03	0.97	*9MV*1002120A**
FEM4X36**A*	1.04	0.99	*8MV*1102120**	EN(A,D)4X36*21**	1.02	0.97	*8MV*1102120**	EHD4X36A**	1.04	0.97	*9MV*1002120A**
FEM4X36**B*	1.00	0.97	*8MV*1102120**	EN(A,D,W)4X42*21**	1.03	0.97	*8MV*1102120**	EHD4X42A**	1.04	0.94	*9MV*1002120A**
FEM4X42**A*	1.03	1.01	*8MV*1352422**	ENH4X42*21**	1.03	0.97	*8MV*1352422**	EN(A,D)4X36*21**	1.01	0.95	*9MV*1002120A**
FEM4X42**B*	1.03	0.98	*8MV*1352422**	EA*4X42*24A*	1.03	0.94	*8MV*1352422**	EN(A,D,W)4X42*21**	1.02	0.96	*9MV*1002120A**
FS(M,U)4P42**A*	1.04	1.01	*8MV*1352422**	EHD4X36A**	1.04	0.95	*8MV*1352422**	ENH4X42*21**	1.02	0.96	*9MV*1002120A**
FVM4X24****	1.02	0.97	*8MV*1352422**	EHD4X42A**	1.05	0.96	*8MV*1352422**	EA*4X42*24A*	1.03	0.97	*9MV*1202422A**
FVM4X36****	1.03	0.97	*9MX*0601714A**	EA*4X36*17A*	1.01	0.99	*9MX*0601714A**	EHD4X36A**	1.04	0.97	*9MV*1202422A**
FVM4X60****	1.07	0.93	*9MX*0601714A**	EHD4X36A**	1.04	0.99	*9MX*0601714A**	EHD4X42A**	1.05	0.96	*9MV*1202422A**
FXM4X36**A*	1.06	0.97	*9MX*0601714A**	EHD4X42A**	1.04	1.00	*9MX*0601714A**	EA*4X36*17A*	1.00	0.97	*9MA*0601714A**
FXM4X42**A*	1.06	0.97	*9MX*0601714A**	EN(A,D,W)4X36*17**	1.01	0.99	*9MX*0601714A**	EHD4X36A**	1.02	0.98	*9MA*0601714A**
EA*4X36*14A*	1.01	1.01	*8MX*0451408**	END4X42*17**	1.03	0.98	*8MX*0451408**	EHD4X42A**	1.03	0.98	*9MA*0601714A**
EHD4X36A**	1.04	1.01	*8MX*0451408**	EA*4X36*17A*	1.01	0.99	*8MX*0451408**	EN(A,D,W)4X36*17**	1.00	0.97	*9MA*0601714A**
EHD4X42A**	1.04	1.01	*8MX*0701716**	EHD4X36A**	1.04	0.97	*8MX*0701716**	END4X42*17**	1.02	0.97	*9MA*0601714A**
EA*4X36*17A*	1.02	0.99	*8MX*0701716**	EHD4X42A**	1.04	0.97	*8MX*0701716**	ENH4X36*17**	1.00	0.97	*9MA*0601714A**
EHD4X36A**	1.04	0.99	*8MX*0701716**	EN(A,D)4X36*21**	1.03	0.98	*8MX*0701716**	EA*4X36*17A*	1.01	0.96	*9MA*0801714A**
EHD4X42A**	1.05	0.98	*8MX*0701716**	EN(A,D,W)4X36*17**	1.01	0.96	*8MX*0701716**	EHD4X36A**	1.03	0.97	*9MA*0801714A**
EN(A,D,W)4X36*17**	1.01	0.99	*8MX*0701716**	END4X42*17**	1.03	0.97	*8MX*0701716**	EHD4X42A**	1.04	0.97	*9MA*0801714A**
END4X42*17**	1.03	0.98	*8MX*0701716**	ENH4X36*17**	1.01	0.96	*8MX*0701716**	EN(A,D,W)4X36*17**	1.01	0.98	*9MA*0801714A**
ENH4X36*17**	1.01	0.99	*8MX*0902116**	EA*4X36*21A*	1.04	0.97	*8MX*0902116**	ENH4X42*17**	1.02	0.96	*9MA*0801714A**
EA*4X36*21A*	1.03	0.97	*8MX*0902116**	EHD4X36A**	1.04	0.95	*8MX*0902116**	EA*4X36*21A*	1.01	0.98	*9MA*0801714A**
EHD4X36A**	1.04	0.97	*8MX*0902116**	EHD4X42A**	1.05	0.97	*8MX*0902116**	EHD4X36*17A*	1.02	0.96	*9MA*0802120A**
EHD4X42A**	1.05	0.96	*8MX*0902116**	EN(A,D)4X42A**	1.06	0.96	*8MX*0902116**	EA*4X42*21A*	1.02	0.96	*9MA*0802120A**
EN(A,D)4X36*21**	1.02	0.96	*8MX*0902116**	EN(A,D)4X36*21**	1.03	0.97	*8MX*0902116**	EHD4X36A**	1.04	0.95	*9MA*0802120A**
EN(A,D,W)4X42*21**	1.04	0.97	*8MX*0902116**	EN(A,D,W)4X42*21**	1.04	0.96	*8MX*0902116**	EHD4X42A**	1.04	0.95	*9MA*0802120A**
ENH4X42*21**	1.04	0.97	*8MX*0902116**	ENH4X42*21**	1.04	0.96	*8MX*0902116**	EN(A,D)4X36*21**	1.01	0.95	*9MA*0802120A**
EA*4X36*14A*	1.01	0.99	*8MV*0701412**	EA*4X36*21A*	1.04	0.97	*8MV*0701412**	EN(A,D,W)4X42*21**	1.02	0.96	*9MA*0802120A**
EHD4X36A**	1.04	0.97	*8MV*0701412**	EHD4X36*21A*	1.04	0.97	*8MV*0701412**	ENH4X42*21**	1.02	0.96	*9MA*1002122A**
EHD4X42A**	1.04	0.98	*8MV*0701412**	EA*4X42*21A*	1.04	0.96	*8MV*0701412**	EA*4X36*21A*	1.02	0.96	*9MA*1002122A**
EA*4X36*17A*	1.02	0.96	*8MV*0901716**	EHD4X42A**	1.06	0.97	*8MV*0901716**	EHD4X36A**	1.04	0.97	*9MA*1002122A**





**EXPANDED DATA (3-1/2 tons)**

**Cooling**

**CONDENSER ENTERING AIR TEMPERATURES deg F (C)**

EVAPORATOR AIR	75 (24)		85 (29)		95 (35)		105 (41)		115 (46)		125 (52)	
	Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh	
	Total	Sens	Total	Sens	Total	Sens	Total	Sens	Total	Sens	Total	Sens
CFM	Total System KW		Total System KW		Total System KW		Total System KW		Total System KW		Total System KW	
	N4H342A(G)KJF, N4H342GHF Outdoor Section With FEM4P42**A* Indoor Section		N4H342A(G)KJF, N4H342GHF Outdoor Section With FEM4P42**A* Indoor Section		N4H342A(G)KJF, N4H342GHF Outdoor Section With FEM4P42**A* Indoor Section		N4H342A(G)KJF, N4H342GHF Outdoor Section With FEM4P42**A* Indoor Section		N4H342A(G)KJF, N4H342GHF Outdoor Section With FEM4P42**A* Indoor Section		N4H342A(G)KJF, N4H342GHF Outdoor Section With FEM4P42**A* Indoor Section	
57	39.37	39.37	37.75	37.75	36.03	36.03	34.20	34.20	31.58	31.58	28.93	28.93
62	41.08	37.19	38.99	36.16	36.82	35.06	34.58	33.87	31.64	31.64	28.98	28.98
63	41.94	30.35	39.77	29.36	37.53	28.35	35.15	27.30	25.83	25.83	24.25	24.25
67	45.43	31.55	43.16	30.44	40.70	29.62	38.18	28.58	27.48	27.48	26.05	26.05
72	49.74	25.53	47.65	24.77	45.25	23.90	42.59	22.96	21.82	21.82	20.70	20.70
57	41.05	41.05	39.30	39.30	37.49	37.49	35.56	35.56	33.40	33.40	30.34	30.34
62	42.10	39.81	39.92	38.67	37.73	37.39	35.61	35.61	33.44	33.44	30.39	30.39
63	42.91	32.24	40.63	31.23	38.26	30.19	35.81	29.11	27.77	27.77	26.06	26.06
67	46.38	33.45	44.09	32.65	41.50	31.60	38.83	30.53	29.42	29.42	28.16	28.16
72	50.61	26.60	48.50	25.87	46.07	25.05	43.36	24.14	23.11	23.11	21.88	21.88
57	42.49	42.49	40.64	40.64	38.70	38.70	36.67	36.67	34.47	34.47	31.57	31.57
62	43.00	42.10	40.76	40.76	38.75	38.75	36.71	36.71	34.51	34.51	31.63	31.63
63	43.68	34.03	41.28	33.00	38.83	31.93	36.30	30.82	29.59	29.59	27.70	27.70
67	47.08	35.20	44.76	34.43	42.12	33.50	39.37	32.39	31.23	31.23	29.94	29.94
72	51.25	27.56	49.14	26.89	46.67	26.10	43.93	25.24	24.23	24.23	23.06	23.06

**Heating**

**OUTDOOR COIL ENTERING AIR TEMPERATURES deg F (C)**

INDOOR AIR	-3 (-19)		7 (-14)		17 (-18)		27 (-3)		37 (3)		47 (8)		57 (14)		67 (19)	
	Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh		Capacity MBtuh	
	Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ
EDB CFM	Total System KW		Total System KW		Total System KW		Total System KW		Total System KW		Total System KW		Total System KW		Total System KW	
	N4H342A(G)KJF, N4H342GHF Outdoor Section With FEM4P42**A* Indoor Section		N4H342A(G)KJF, N4H342GHF Outdoor Section With FEM4P42**A* Indoor Section		N4H342A(G)KJF, N4H342GHF Outdoor Section With FEM4P42**A* Indoor Section		N4H342A(G)KJF, N4H342GHF Outdoor Section With FEM4P42**A* Indoor Section		N4H342A(G)KJF, N4H342GHF Outdoor Section With FEM4P42**A* Indoor Section		N4H342A(G)KJF, N4H342GHF Outdoor Section With FEM4P42**A* Indoor Section		N4H342A(G)KJF, N4H342GHF Outdoor Section With FEM4P42**A* Indoor Section		N4H342A(G)KJF, N4H342GHF Outdoor Section With FEM4P42**A* Indoor Section	
1225	15.60	14.35	2.64	18.54	2.75	24.73	22.55	2.85	29.47	26.17	2.95	34.77	31.64	3.05	39.07	3.08
1400	15.96	14.69	2.66	18.86	2.76	25.15	22.93	2.85	29.96	26.61	2.94	35.16	32.00	3.03	39.57	3.05
1525	16.17	14.87	2.68	19.07	2.77	25.41	23.17	2.86	30.27	26.89	2.94	35.42	32.23	3.02	39.87	3.04
1225	14.87	13.68	2.80	17.83	2.88	23.98	21.87	2.97	28.70	25.49	3.06	34.24	31.16	3.17	38.52	3.21
1400	15.18	13.97	2.82	18.16	2.90	24.40	22.25	2.98	29.18	25.91	3.06	34.67	31.55	3.15	39.00	3.17
1525	15.33	14.10	2.84	18.37	2.91	24.66	22.49	2.99	29.49	26.19	3.06	34.94	31.79	3.14	39.30	3.16
1225	14.04	12.91	2.96	18.60	3.03	23.21	21.16	3.11	27.91	24.79	3.19	32.98	30.01	3.28	38.00	3.30
1400	14.34	13.20	2.99	18.96	3.04	23.61	21.53	3.11	28.39	25.21	3.18	33.12	31.05	3.28	38.46	3.31
1525	14.55	13.38	3.01	19.19	3.05	23.88	21.77	3.12	28.69	25.48	3.18	33.39	31.29	3.27	38.75	3.29

MULTIPLIERS FOR COMBINATION RATINGS

COOLING				COOLING INDOOR MODEL				FURNACE MODEL			
COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FEM4P42**A*	1.00	1.00		ENH4X42*21**	0.99	0.97	*8MV**1102120**	EHD4X48A**	1.00	0.97	*9MV**1002120A**
FCM4X36****	0.99	0.96		ENH4X48*21**	1.00	0.97	*8MV**1102120**	EN(A,D,W)4X48*21**	0.99	0.97	*9MV**1002120A**
FCM4X48****	1.00	0.94		EA*4X42*24A*	0.99	0.96	*8MV**1352422**	EN(A,D,W)4X48*21**	1.00	0.97	*9MV**1002120A**
FEM4P48**A*	1.00	1.00		EA*4X48*24A*	1.00	0.96	*8MV**1352422**	ENH4X42*21**	0.99	0.97	*9MV**1002120A**
FEM4X42**A*	1.00	1.00		EHD4X42A**	1.00	0.96	*8MV**1352422**	ENH4X48*21**	1.00	0.97	*9MV**1002120A**
FEM4X42**B*	1.00	0.98		EHD4X48A**	1.00	0.96	*8MV**1352422**	EA*4X42*24A*	0.99	0.97	*9MV**1202422A**
FEM4X48**A*	1.00	0.97		EN(A,D)4X48*24**	1.00	1.00	*8MV**1352422**	EA*4X48*24A*	1.00	0.97	*9MV**1202422A**
FEM4X48**B*	1.00	0.98		EHD4X48A**	1.00	1.00	*9MX*0601714A**	EHD4X42A**	1.00	0.97	*9MV**1202422A**
FVM4X36****	0.99	0.97		EA*4X48*17A*	1.00	1.00	*9MX*0801716A**	EHD4X48A**	1.00	0.97	*9MV**1202422A**
FVM4X48****	1.00	0.94		EHD4X42A**	1.00	1.00	*9MX*0801716A**	EN(A,D)4X48*24**	1.00	0.97	*9MV**1202422A**
FXM4X42**A*	1.00	0.98		EHD4X48A**	1.00	1.00	*9MX*0802120A**	EHD4X48*24**	1.00	1.00	*9MA*0601714A**
FXM4X48**A*	1.00	0.96		EA*4X42*21A*	1.00	0.98	*9MX*0802120A**	EA*4X48*17A*	1.00	1.00	*9MA*0801714A**
EA*4X42*21A*	0.99	0.97	*8MX*0902116**	EHD4X42A**	1.00	0.97	*9MX*0802120A**	EHD4X48A**	1.00	0.98	*9MA*0801714A**
EA*4X48*21A*	1.00	0.97	*8MX*0902116**	EHD4X48A**	1.00	0.97	*9MX*0802120A**	EA*4X42*21A*	0.98	0.96	*9MA*0802120A**
EHD4X42A**	1.00	0.97	*8MX*0902116**	EN(A,D,W)4X42*21**	0.99	0.97	*9MX*0802120A**	EA*4X48*21A*	1.00	0.98	*9MA*0802120A**
EHD4X48A**	1.00	0.97	*8MX*0902116**	EN(A,D,W)4X48*21**	1.00	0.97	*9MX*0802120A**	EHD4X42A**	1.00	0.97	*9MA*0802120A**
EN(A,D,W)4X42*21**	0.99	0.97	*8MX*0902116**	EN(A,D,W)4X48*21**	0.99	0.97	*9MX*0802120A**	EHD4X48A**	1.00	0.97	*9MA*0802120A**
EN(A,D,W)4X48*21**	1.00	0.97	*8MX*0902116**	ENH4X42*21**	1.00	0.97	*9MX*0802120A**	EN(A,D,W)4X42*21**	0.99	0.97	*9MA*0802120A**
ENH4X42*21**	0.99	0.97	*8MX*0902116**	ENH4X48*21**	1.00	0.97	*9MX*0802120A**	EN(A,D,W)4X48*21**	1.00	0.97	*9MA*0802120A**
ENH4X48*21**	1.00	0.97	*8MX*0902116**	EA*4X42*24A*	0.99	0.97	*9MX*0802120A**	ENH4X42*21**	0.99	0.97	*9MA*0802120A**
EA*4X42*21A*	0.99	0.97	*8MX*1102120**	EA*4X48*24A*	1.00	0.97	*9MX*0802120A**	ENH4X48*21**	1.00	0.97	*9MA*0802120A**
EA*4X48*21A*	1.00	0.97	*8MX*1102120**	EHD4X42A**	1.00	0.97	*9MX*0802120A**	EA*4X42*24A*	0.99	0.97	*9MA*1002122A**
EHD4X42A**	1.00	0.97	*8MX*1102120**	EHD4X48A**	1.00	0.97	*9MX*0802120A**	EHD4X42A**	1.00	0.97	*9MA*1002122A**
EHD4X48A**	1.00	0.96	*8MX*1102120**	EN(A,D,W)4X42*21**	0.99	0.97	*9MX*0802120A**	EA*4X48*24A*	1.00	0.97	*9MA*1002122A**
EN(A,D,W)4X42*21**	0.99	0.97	*8MX*1102120**	EN(A,D,W)4X48*21**	1.00	0.97	*9MX*0802120A**	ENH4X42A**	1.00	0.97	*9MA*1002122A**
EN(A,D,W)4X48*21**	1.00	0.97	*8MX*1102120**	ENH4X48*21**	1.00	0.97	*9MX*0802120A**	ENH4X48*21**	1.00	0.97	*9MA*1002122A**
ENH4X42*21**	0.99	0.96	*8MX*1102120**	EA*4X42*24A*	0.99	0.97	*9MX*0802120A**	EA*4X48*24A*	1.00	0.97	*9MA*1002122A**
ENH4X48*21**	1.00	0.96	*8MX*1102120**	EHD4X42A**	1.00	0.97	*9MX*0802120A**	EHD4X48*24A*	1.00	0.97	*9MA*1002122A**
EA*4X42*24A*	0.99	0.98	*8MX*1352420**	EHD4X48A**	1.00	0.97	*9MX*0802120A**	EN(A,D,W)4X42*21**	0.99	0.97	*9MA*1002122A**
EA*4X48*24A*	1.00	0.97	*8MX*1352420**	EN(A,D)4X48*24**	1.00	0.97	*9MX*0802120A**	EN(A,D,W)4X48*21**	1.00	0.97	*9MA*1002122A**
EHD4X42A**	1.00	0.97	*8MX*1352420**	EA*4X48*17A*	1.00	1.00	*9MV*0801716A**	ENH4X42*21**	0.99	0.97	*9MA*1002122A**
EHD4X48A**	1.00	0.97	*8MX*1352420**	EHD4X42A**	1.00	1.00	*9MV*0801716A**	ENH4X48*21**	1.00	0.97	*9MA*1002122A**
EN(A,D)4X48*24**	1.00	1.00	*8MV*0701412**	EHD4X48A**	1.00	1.00	*9MV*0801716A**	EA*4X42*21A*	0.99	0.99	*9MA*0602120A**
ENH4X42A**	1.00	1.00	*8MV*0701412**	EA*4X48*21A*	1.00	0.97	*9MV*0802120A**	EHD4X42A**	1.00	0.98	*9MA*0602120A**
ENH4X48A**	1.00	0.97	*8MV*0901716**	EHD4X42A**	1.00	0.97	*9MV*0802120A**	EHD4X48A**	1.00	0.98	*9MA*0602120A**
EHD4X42A**	1.00	0.97	*8MV*0901716**	EHD4X48A**	1.00	0.97	*9MV*0802120A**	EN(A,D,W)4X48*21**	1.00	0.98	*9MA*0602120A**
EHD4X48A**	1.00	0.98	*8MV*0901716**	EN(A,D,W)4X42*21**	0.99	0.97	*9MV*0802120A**	ENH4X48*21**	1.00	0.98	*9MA*0602120A**
END4X42*17**	0.99	0.97	*8MV**1102120**	EN(A,D,W)4X48*21**	1.00	0.97	*9MV*0802120A**	EA*4X42*21A*	0.99	0.97	*9MA*0602120A**
EA*4X42*21A*	1.00	0.98	*8MV**1102120**	ENH4X42*21**	0.99	0.97	*9MV*0802120A**	EA*4X48*21A*	1.00	0.98	*9MA*0602120A**
EA*4X48*21A*	1.00	0.97	*8MV**1102120**	ENH4X48*21**	1.00	0.97	*9MV*0802120A**	EHD4X42A**	1.00	0.97	*9MA*0602120A**
EHD4X42A**	1.00	0.97	*8MV**1102120**	EA*4X42*24A*	0.99	0.97	*9MV*0802120A**	EHD4X48*24**	1.00	0.97	*9MA*0602120A**
EHD4X48A**	1.00	0.97	*8MV**1102120**	EHD4X42A**	1.00	0.97	*9MV*0802120A**	EN(A,D,W)4X42*21**	0.99	0.97	*9MA*0602120A**
EN(A,D,W)4X42*21**	0.99	0.97	*8MV**1102120**	EHD4X48A**	1.00	0.97	*9MV*0802120A**	EN(A,D,W)4X48*21**	1.00	0.97	*9MA*0602120A**
EN(A,D,W)4X48*21**	1.00	0.97	*8MV**1102120**	EN(A,D,W)4X48*21**	1.00	0.97	*9MV*0802120A**	ENH4X48*21**	1.00	0.97	*9MA*0602120A**



HEATING INDOOR MODEL	FURNACE MODEL	CAPACITY	POWER	HEATING INDOOR MODEL	FURNACE MODEL	CAPACITY	POWER
EHD4X48A**	*9MA*0802120A**	0.97	0.98	EHD4X48A**	*9MA*0602120A**	0.97	0.99
EN(A,D,W)4X42*21**	*9MA*0802120A**	0.97	1.01	EN(A,D,W)4X48*21**	*9MA*0602120A**	0.97	1.00
EN(A,D,W)4X48*21**	*9MA*0802120A**	0.97	0.99	ENH4X48*21**	*9MA*0602120A**	0.97	1.00
ENH4X42*21**	*9MA*0802120A**	0.97	1.01	EA*4X42*21A*	NOMV156E19*	0.97	1.01
ENH4X48*21**	*9MA*0802120A**	0.97	0.99	EA*4X48*21A*	NOMV156E19*	0.97	0.99
EA*4X42*21A*	*9MA*1002122A**	0.97	1.00	EHD4X42A**	NOMV156E19*	0.97	0.98
EA*4X48*21A*	*9MA*1002122A**	0.97	0.97	EHD4X48A**	NOMV156E19*	0.97	0.97
EHD4X42A**	*9MA*1002122A**	0.99	0.98	EN(A,D,W)4X42*21**	NOMV156E19*	0.97	1.01
EHD4X48A**	*9MA*1002122A**	0.99	0.98	EN(A,D,W)4X48*21**	NOMV156E19*	0.97	0.98
EN(A,D,W)4X42*21**	*9MA*1002122A**	0.97	1.00	ENH4X42*21**	NOMV156E19*	0.97	1.01
EN(A,D,W)4X48*21**	*9MA*1002122A**	0.97	0.97	ENH4X48*21**	NOMV156E19*	0.97	0.98
ENH4X42*21**	*9MA*1002122A**	0.97	1.00	EA*4X42*24A*	OLV154F20A	0.99	0.98
ENH4X48*21**	*9MA*1002122A**	0.97	0.97	EA*4X48*24A*	OLV154F20A	1.00	0.97
EA*4X42*24A*	*9MA*1202422A**	0.96	1.00	EN(A,D)4X48*24**	OLV154F20A	1.00	0.97
EA*4X48*24A*	*9MA*1202422A**	0.97	0.99	EA*4X48*17A*	OMV112K14A	1.00	1.00
EHD4X42A**	*9MA*1202422A**	0.97	0.98	EHD4X48A**	OMV112K14A	0.99	1.00
EHD4X48A**	*9MA*1202422A**	0.97	0.98	EN(A,D,W)4X48*21**	OMV112K14A	0.99	0.97
EN(A,D)4X48*24**	*9MA*1202422A**	0.97	0.98	END4X42*17**	OMV12**17C*	0.99	1.00
EA*4X48*21A*	*9MA*0602120A**	0.97	1.00	ENH4X42*21**	OMV12**17C*	0.99	1.00
EHD4X42A**	*9MA*0602120A**	0.97	1.00	ENH4X48*21**	OMV12**17C*	0.99	0.97

HEATING INDOOR MODEL	FURNACE MODEL	CAPACITY	POWER	HEATING INDOOR MODEL	FURNACE MODEL	CAPACITY	POWER
EHD4X48A**	*9MA*0602120A**	0.97	0.99	EHD4X48A**	*9MA*0602120A**	0.97	0.99
EN(A,D,W)4X48*21**	*9MA*0602120A**	0.97	1.00	EN(A,D,W)4X48*21**	*9MA*0602120A**	0.97	1.00
ENH4X48*21**	*9MA*0602120A**	0.97	1.00	ENH4X48*21**	*9MA*0602120A**	0.97	1.00
EA*4X42*21A*	NOMV156E19*	0.97	1.01	EA*4X42*21A*	NOMV156E19*	0.97	1.01
EA*4X48*21A*	NOMV156E19*	0.97	0.99	EA*4X48*21A*	NOMV156E19*	0.97	0.99
EHD4X42A**	NOMV156E19*	0.97	0.98	EHD4X42A**	NOMV156E19*	0.97	0.98
EHD4X48A**	NOMV156E19*	0.97	0.97	EHD4X48A**	NOMV156E19*	0.97	0.97
EN(A,D,W)4X42*21**	NOMV156E19*	0.97	1.01	EN(A,D,W)4X42*21**	NOMV156E19*	0.97	1.01
EN(A,D,W)4X48*21**	NOMV156E19*	0.97	0.98	EN(A,D,W)4X48*21**	NOMV156E19*	0.97	0.98
ENH4X42*21**	NOMV156E19*	0.97	1.01	ENH4X42*21**	NOMV156E19*	0.97	1.01
ENH4X48*21**	NOMV156E19*	0.97	0.98	ENH4X48*21**	NOMV156E19*	0.97	0.98
EA*4X42*24A*	OLV154F20A	0.99	0.98	EA*4X42*24A*	OLV154F20A	1.00	1.01
EA*4X48*24A*	OLV154F20A	1.00	0.97	EA*4X48*24A*	OLV154F20A	0.99	0.98
EN(A,D)4X48*24**	OLV154F20A	1.00	0.97	EN(A,D)4X48*24**	OLV154F20A	1.00	0.97
EA*4X48*17A*	OMV112K14A	1.00	1.00	EA*4X48*17A*	OMV112K14A	1.00	1.00
EHD4X48A**	OMV112K14A	0.99	1.00	EHD4X48A**	OMV112K14A	0.99	1.00
EN(A,D,W)4X48*21**	OMV112K14A	0.99	0.99	EN(A,D,W)4X48*21**	OMV112K14A	0.99	0.99
END4X42*17**	OMV154L20A	0.97	0.99	END4X42*17**	OMV154L20A	0.97	0.99
ENH4X42*21**	OMV154L20A	0.97	0.99	ENH4X42*21**	OMV154L20A	0.97	0.99
ENH4X48*21**	OMV154L20A	0.97	0.97	ENH4X48*21**	OMV154L20A	0.97	0.97

HEATING INDOOR MODEL	FURNACE MODEL	CAPACITY	POWER	HEATING INDOOR MODEL	FURNACE MODEL	CAPACITY	POWER
EHD4X48A**	*9MA*0802120A**	0.97	0.98	EHD4X48A**	*9MA*0802120A**	0.97	0.98
EN(A,D,W)4X42*21**	*9MA*0802120A**	0.97	1.01	EN(A,D,W)4X42*21**	*9MA*0802120A**	0.97	1.01
EN(A,D,W)4X48*21**	*9MA*0802120A**	0.97	0.99	EN(A,D,W)4X48*21**	*9MA*0802120A**	0.97	0.99
ENH4X42*21**	*9MA*0802120A**	0.97	1.01	ENH4X42*21**	*9MA*0802120A**	0.97	1.01
ENH4X48*21**	*9MA*0802120A**	0.97	0.99	ENH4X48*21**	*9MA*0802120A**	0.97	0.99
EA*4X42*21A*	*9MA*1002122A**	0.97	1.00	EA*4X42*21A*	*9MA*1002122A**	0.97	1.00
EA*4X48*21A*	*9MA*1002122A**	0.97	0.97	EA*4X48*21A*	*9MA*1002122A**	0.97	0.97
EHD4X42A**	*9MA*1002122A**	0.99	0.98	EHD4X42A**	*9MA*1002122A**	0.99	0.98
EHD4X48A**	*9MA*1002122A**	0.99	0.98	EHD4X48A**	*9MA*1002122A**	0.99	0.98
EN(A,D,W)4X42*21**	*9MA*1002122A**	0.97	1.00	EN(A,D,W)4X42*21**	*9MA*1002122A**	0.97	1.00
EN(A,D,W)4X48*21**	*9MA*1002122A**	0.97	0.97	EN(A,D,W)4X48*21**	*9MA*1002122A**	0.97	0.97
ENH4X42*21**	*9MA*1002122A**	0.97	1.00	ENH4X42*21**	*9MA*1002122A**	0.97	1.00
ENH4X48*21**	*9MA*1002122A**	0.97	0.97	ENH4X48*21**	*9MA*1002122A**	0.97	0.97
EA*4X42*24A*	*9MA*1202422A**	0.96	1.00	EA*4X42*24A*	*9MA*1202422A**	0.96	1.00
EA*4X48*24A*	*9MA*1202422A**	0.97	0.99	EA*4X48*24A*	*9MA*1202422A**	0.97	0.99
EHD4X42A**	*9MA*1202422A**	0.97	0.99	EHD4X42A**	*9MA*1202422A**	0.97	0.99
EHD4X48A**	*9MA*1202422A**	0.97	0.98	EHD4X48A**	*9MA*1202422A**	0.97	0.98
EN(A,D)4X48*24**	*9MA*1202422A**	0.97	0.98	EN(A,D)4X48*24**	*9MA*1202422A**	0.97	0.98
EA*4X48*21A*	*9MA*0602120A**	0.97	1.00	EA*4X48*21A*	*9MA*0602120A**	0.97	1.00
EHD4X42A**	*9MA*0602120A**	0.97	1.00	EHD4X42A**	*9MA*0602120A**	0.97	1.00



**EXPANDED DATA (4 tons)**

**Cooling**

**CONDENSER ENTERING AIR TEMPERATURES deg F (C)**

EVAPORATOR AIR		75 (24)				85 (29)				95 (35)				105 (41)				115 (46)				125 (52)			
		Capacity MBtuh		Total System KW		Capacity MBtuh		Total System KW		Capacity MBtuh		Total System KW		Capacity MBtuh		Total System KW		Capacity MBtuh		Total System KW		Capacity MBtuh		Total System KW	
		Total	Sens	Total	Sens	Total	Sens	Total	Sens	Total	Sens	Total	Sens	Total	Sens	Total	Sens	Total	Sens	Total	Sens	Total	Sens		
1400	CFM	44.84	41.67	33.97	35.32	28.54	28.54	3.32	3.32	42.92	44.30	40.49	37.92	38.86	36.60	36.60	4.11	4.11	39.24	39.24	36.66	36.66	5.05	5.05	
	EWB	46.76	47.74	51.68	56.56	47.86	48.79	37.40	42.92	44.30	40.49	37.92	38.86	36.60	36.60	4.11	4.11	39.24	39.24	36.66	36.66	5.06	5.06	5.57	5.57
	1400	51.68	35.32	3.36	3.36	48.96	48.96	3.77	3.77	46.17	46.17	33.09	33.09	4.19	4.19	4.64	4.64	30.71	30.71	29.42	29.42	5.14	5.14	5.71	5.71
	72	56.56	28.54	3.38	3.38	54.12	54.12	3.77	3.77	51.31	51.31	26.67	26.67	4.26	4.26	4.72	4.72	24.40	24.40	41.51	41.51	5.24	5.24	5.82	5.82
1600	CFM	46.75	44.58	36.07	36.07	44.58	44.58	3.40	3.40	44.70	46.18	43.30	42.42	42.55	40.36	38.00	4.20	4.20	40.41	40.41	38.05	38.05	5.16	5.16	
	EWB	47.86	48.79	52.69	57.44	47.86	48.79	37.40	42.92	44.30	40.49	37.92	38.86	36.60	36.60	4.11	4.11	39.24	39.24	36.66	36.66	5.06	5.06	5.73	5.73
	1600	52.69	37.40	3.43	3.43	50.00	50.00	3.84	3.84	47.00	47.00	35.27	35.27	4.27	4.27	4.73	4.73	34.06	34.06	32.83	32.83	5.22	5.22	5.64	5.64
	72	57.44	29.66	3.45	3.45	55.02	55.02	3.89	3.89	52.17	52.17	27.93	27.93	4.33	4.33	4.80	4.80	26.85	26.85	25.71	25.71	5.31	5.31	5.79	5.79
1800	CFM	48.37	47.20	38.01	38.01	47.20	47.20	3.47	3.47	46.18	46.18	43.99	43.99	43.93	41.59	39.13	4.29	4.29	41.64	41.64	39.18	39.18	5.25	5.25	
	EWB	48.85	49.60	53.47	58.09	48.85	49.60	38.01	42.92	44.30	40.49	37.92	38.86	36.60	36.60	4.11	4.11	39.24	39.24	36.66	36.66	5.06	5.06	5.83	5.83
	1800	53.47	39.41	3.49	3.49	50.73	50.73	3.91	3.91	47.66	47.66	37.39	37.39	4.34	4.34	4.80	4.80	36.15	36.15	34.87	34.87	5.30	5.30	5.77	5.77
	72	58.09	30.71	3.52	3.52	55.69	55.69	3.95	3.95	52.82	52.82	29.12	29.12	4.40	4.40	4.87	4.87	28.08	28.08	26.95	26.95	5.38	5.38	5.87	5.87

**Heating**

**OUTDOOR COIL ENTERING AIR TEMPERATURES deg F (C)**

INDOOR AIR		-3 (-19)				7 (-14)				17 (-18)				27 (-3)				37 (3)				47 (8)				57 (14)				67 (19)			
		Capacity MBtuh		Total System KW		Capacity MBtuh		Total System KW		Capacity MBtuh		Total System KW		Capacity MBtuh		Total System KW		Capacity MBtuh		Total System KW		Capacity MBtuh		Total System KW		Capacity MBtuh		Total System KW					
		Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ	Total	Integ						
65	EDB	18.42	16.95	3.14	3.14	23.65	21.74	3.21	3.21	28.90	26.35	3.28	3.28	35.25	31.31	3.40	3.40	40.02	36.42	3.48	3.48	45.07	45.07	3.56	3.56	50.81	50.81	3.66	3.66	57.16	57.16	3.81	3.81
	CFM	18.80	17.30	3.19	3.19	24.10	22.15	3.24	3.24	29.38	26.79	3.30	3.30	35.74	31.74	3.41	3.41	40.52	36.87	3.46	3.46	45.69	45.69	3.53	3.53	51.59	51.59	3.61	3.61	58.17	58.17	3.72	3.72
	1400	19.15	17.61	3.24	3.24	24.47	22.49	3.28	3.28	29.81	27.18	3.33	3.33	36.14	32.10	3.41	3.41	40.97	37.28	3.46	3.46	46.22	46.22	3.52	3.52	52.24	52.24	3.59	3.59	58.97	58.97	3.66	3.66
	1600	17.99	16.55	3.31	3.31	23.30	21.41	3.37	3.37	28.60	26.08	3.43	3.43	34.24	30.41	3.51	3.51	39.94	36.35	3.61	3.61	45.00	45.00	3.68	3.68	50.76	50.76	3.77	3.77	57.15	57.15	3.90	3.90
70	EDB	18.34	16.87	3.36	3.36	23.68	21.76	3.41	3.41	29.03	26.47	3.46	3.46	35.39	31.43	3.55	3.55	40.40	36.76	3.61	3.61	45.52	45.52	3.67	3.67	51.40	51.40	3.74	3.74	58.01	58.01	3.83	3.83
	CFM	16.74	15.40	3.41	3.41	22.00	20.22	3.48	3.48	27.27	24.87	3.56	3.56	32.66	29.01	3.65	3.65	38.91	35.41	3.79	3.79	43.75	43.75	3.87	3.87	49.22	49.22	3.98	3.98	55.27	55.27	4.15	4.15
	1400	17.12	15.75	3.45	3.45	22.44	20.62	3.51	3.51	27.77	25.32	3.57	3.57	33.25	29.53	3.65	3.65	39.42	35.87	3.77	3.77	44.33	44.33	3.84	3.84	49.95	49.95	3.93	3.93	56.19	56.19	4.07	4.07
	1600	17.47	16.07	3.50	3.50	22.83	20.98	3.55	3.55	28.20	25.71	3.60	3.60	33.75	29.98	3.66	3.66	39.83	36.24	3.77	3.77	44.84	44.84	3.83	3.83	50.57	50.57	3.90	3.90	57.03	57.03	4.01	4.01





HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
EN(A,D)4X48*24**	0.99	0.98	MV20**24C*
EN(A,D,W)4X48*21**	1.00	0.98	MV16**21C*
EN(A,D,W)4X60*24**	1.00	0.97	MV16**21C*
EN(A,D,W)4X60*24**	0.99	0.97	MV20**24C*
ENH4X48*21**	1.00	0.98	MV16**21C*
ENH4X60*24**	1.00	0.97	MV16**21C*
ENH4X60*24**	0.99	0.97	MV20**24C*

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
EA*4X60*24A*	1.00	0.96	MV20**24C*
EHD4X48A**	1.00	0.98	MV16**21C*
EHD4X48A**	1.00	0.98	MV20**24C*
EHD4X60A**	1.01	0.99	
EHD4X60A**	1.00	0.96	MV16**21C*
EHD4X60A**	1.00	0.97	MV20**24C*
EN(A,D)4X48*24**	1.00	0.98	MV16**21C*

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
ENH4X60*24**	0.99	0.97	OMV154L20A
EA*4X48*21A*	1.00	0.99	MV16**21C*
EA*4X48*24A*	1.00	0.98	MV16**21C*
EA*4X48*24A*	0.99	0.98	MV20**24C*
EA*4X60*21A*	1.00	0.97	MV16**21C*
EA*4X60*24A*	1.00	0.97	MV16**21C*

EXPANDED DATA (5 tons)

Cooling

EVAPORATOR AIR		CONDENSER ENTERING AIR TEMPERATURES deg F (C)																	
		75 (24)			85 (29)			95 (35)			105 (41)			115 (46)			125 (52)		
		Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW
CFM	EWB	N4H360A(G)KF, N4H360GH(L)F Outdoor Section With FS(M,U)X60**A* Indoor Section																	
57		57.16	57.16	4.38	54.99	54.99	4.83	52.69	52.69	5.33	50.18	50.18	5.91	47.44	47.44	6.57	44.45	44.45	7.32
62		59.15	52.45	4.41	56.47	51.18	4.85	53.63	49.82	5.35	50.65	48.37	5.92	47.54	47.30	6.57	44.51	44.51	7.32
63		60.11	42.61	4.42	57.31	41.34	4.86	54.35	40.02	5.36	51.18	38.61	5.92	47.79	37.14	6.57	44.16	35.59	7.32
67		64.72	44.22	4.47	61.70	42.95	4.92	58.50	41.62	5.42	55.07	40.20	5.98	51.41	38.74	6.63	47.49	37.18	7.36
72		71.01	35.89	4.55	67.67	34.62	5.00	64.16	33.30	5.50	60.39	31.90	6.07	56.94	30.42	6.71	52.00	28.86	7.44
57		59.49	59.49	4.50	57.16	57.16	4.95	54.68	54.68	5.45	52.00	52.00	6.03	49.06	49.06	6.69	45.86	45.86	7.43
62		60.51	56.18	4.51	57.75	54.84	4.96	54.89	53.32	5.46	52.07	52.07	6.03	49.12	49.12	6.69	45.91	45.91	7.43
63		61.25	45.11	4.52	58.34	43.82	4.96	55.23	42.47	5.46	51.97	41.05	6.02	48.46	39.57	6.68	44.70	37.96	7.41
67		65.90	46.91	4.58	62.75	45.62	5.02	59.40	44.26	5.52	55.83	42.82	6.08	52.07	41.35	6.73	48.02	39.75	7.46
72		72.25	37.51	4.66	68.77	36.22	5.11	65.08	34.87	5.61	61.18	33.45	6.17	56.96	31.94	6.81	52.49	30.36	7.54
57		61.41	61.41	4.61	58.94	58.94	5.06	56.30	56.30	5.57	53.46	53.46	6.14	50.35	50.35	6.80	46.98	46.98	7.54
62		61.74	59.59	4.62	58.94	58.94	5.06	56.37	56.37	5.57	53.52	53.52	6.14	50.39	50.39	6.80	47.03	47.03	7.54
63		62.12	47.48	4.62	59.10	46.18	5.06	55.93	44.82	5.56	52.55	43.38	6.12	48.95	41.84	6.77	45.12	40.18	7.51
67		66.78	49.46	4.68	63.51	48.15	5.12	60.08	46.79	5.62	58.44	45.35	6.19	52.54	43.80	6.83	48.41	42.16	7.56
72		73.16	39.03	4.76	69.54	37.71	5.21	65.76	36.35	5.71	61.72	34.91	6.27	57.39	33.38	6.91	52.81	31.78	7.63

Heating

INDOOR AIR		OUTDOOR COIL ENTERING AIR TEMPERATURES deg F (C)																							
		-3 (-19)			7 (-14)			17 (-18)			27 (-3)			37 (3)			47 (8)			57 (14)			67 (19)		
		Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW	Capacity MBtuh	Sens	Total System KW
EDB	CFM	N4H360A(G)KF, N4H360GH(L)F Outdoor Section With FS(M,U)X60**A* Indoor Section																							
1750		24.86	22.87	3.95	31.48	28.93	4.06	38.08	34.72	4.17	45.28	40.21	4.30	52.48	47.76	4.47	58.88	58.88	4.62	66.42	66.42	4.80	73.43	73.43	4.96
2000		25.43	23.40	4.01	32.04	29.45	4.10	38.76	35.34	4.19	46.95	41.70	4.35	53.15	48.37	4.46	59.73	59.73	4.59	67.34	67.34	4.73	73.99	73.99	4.87
2250		25.95	23.87	4.08	32.60	29.95	4.16	39.33	35.86	4.23	47.49	42.18	4.37	53.73	48.90	4.46	60.46	60.46	4.59	67.94	67.94	4.70	74.27	74.27	4.82
1750		23.87	21.78	4.10	30.33	27.87	4.22	37.00	33.74	4.34	44.01	39.08	4.48	51.73	47.07	4.67	58.00	58.00	4.83	65.43	65.43	5.01	72.49	72.49	5.17
2000		24.22	22.28	4.16	30.94	28.43	4.27	37.68	34.36	4.36	44.80	39.79	4.49	52.40	47.68	4.65	58.81	58.81	4.79	66.40	66.40	4.93	73.04	73.04	5.08
2250		24.72	22.74	4.23	31.51	28.95	4.32	38.28	34.90	4.41	45.52	40.43	4.51	52.96	48.19	4.66	59.54	59.54	4.78	67.06	67.06	4.91	73.39	73.39	5.03
1750		22.37	20.58	4.27	28.13	26.77	4.39	35.90	32.74	4.52	42.85	38.05	4.66	51.00	46.41	4.89	57.17	57.17	5.05	64.41	64.41	5.23	71.54	71.54	5.39
2000		22.91	21.08	4.33	29.73	27.32	4.44	36.57	33.34	4.55	43.63	38.75	4.67	51.62	46.97	4.86	57.93	57.93	5.00	65.46	65.46	5.15	72.12	72.12	5.29
2250		23.41	21.54	4.40	30.29	27.84	4.50	37.15	33.87	4.59	44.29	39.34	4.70	52.19	47.49	4.86	58.63	58.63	4.99	66.17	66.17	5.11	72.48	72.48	5.24

MULTIPLIERS FOR COMBINATION RATINGS

HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
EN(A,D,W)4X60*24**	0.99	0.99	*9MA*1202422A**
ENH4X60*24**	0.99	0.99	*9MA*1202422A**
EHD4X60A**	1.00	0.99	OMV154L20A
EA*4X60*21A*	1.00	0.99	
EA*4X60*21A*	0.99	0.97	MV16**21C*
EA*4X60*24A*	1.00	0.99	
EA*4X60*24A*	0.98	0.97	MV20**24C*
EHD4X60A**	0.99	0.97	
EHD4X60A**	0.99	0.95	MV16**21C*
EHD4X60A**	0.99	0.96	MV20**24C*
EN(A,D,W)4X60*24**	1.00	1.00	
EN(A,D,W)4X60*24**	0.98	0.97	MV20**24C*
ENH4X60*24**	1.01	1.01	
ENH4X60*24**	0.98	0.97	MV20**24C*

COOLING INDOOR MODEL	CAPACITY	POWER	HEATING	
			HEATING INDOOR MODEL	FURNACE MODEL
EHD4X60A**	1.01	0.97		MV16**21C*
EHD4X60A**	1.00	0.96		MV20**24C*
EN(A,D,W)4X60*24**	0.99	0.99		
EN(A,D,W)4X60*24**	0.99	0.97		MV20**24C*
ENH4X60*24**	0.99	0.99		
ENH4X60*24**	0.99	0.97		MV20**24C*
HEATING				
HEATING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL	
*FS(M,U)4X60**A*	1.00	1.00		
FCM4X60***	1.00	0.96		
FEM4X60**A*	0.99	0.95		
FEM4X60**B*	1.00	1.00		
FVM4X60***	0.98	0.94		
FXM4X60**A*	0.99	0.95		
EA*4X60*21A*	0.99	0.98		*8MX*1102120**
EHD4X60A**	0.98	0.95		*8MX*1102120**
EA*4X60*24A*	0.99	0.99		*8MX*1352420**
EN(A,D,W)4X60*24**	0.99	0.98		*8MX*1352420**
ENH4X60*24**	1.00	0.99		*8MX*1352420**
EA*4X60*21A*	1.00	1.00		*8MV*1102120**
EHD4X60A**	0.99	0.97		*8MV*1102120**
EA*4X60*24A*	0.99	0.98		*8MV*1352422**
EHD4X60A**	0.99	0.96		*8MV*1352422**
EN(A,D,W)4X60*24**	0.99	0.98		*8MV*1352422**
ENH4X60*24**	1.00	0.99		*8MX*0802120A**
EA*4X60*21A*	1.00	1.00		*9MX*0802120A**
EHD4X60A**	0.99	0.97		*9MX*1002120A**
EA*4X60*24A*	1.00	1.00		*9MX*1202422A**
EHD4X60A**	0.99	0.97		*9MX*1202422A**
EN(A,D,W)4X60*24**	0.99	0.99		*9MX*1202422A**
ENH4X60*24**	0.99	0.99		*9MX*1202422A**
EHD4X60A**	0.99	0.98		*9MV*0802120A**
EA*4X60*21A*	0.99	0.99		*9MV*1002120A**
EHD4X60A**	0.99	0.97		*9MV*1002120A**
EN(A,D,W)4X60*24**	0.99	0.99		*9MV*1202422A**
ENH4X60*24**	0.99	0.99		*9MV*1202422A**
EHD4X60A**	0.99	0.99		*9MA*0802120A**
EA*4X60*21A*	0.99	0.99		*9MA*1002122A**
EHD4X60A**	0.99	0.97		*9MA*1002122A**
EN(A,D,W)4X60*24**	0.99	1.00		*9MA*1202422A**
ENH4X60*24**	0.99	1.00		*9MA*1202422A**
EHD4X60A**	1.00	0.97		*9MA*1202422A**
EA*4X60*21A*	0.99	0.99		*9MA*1202422A**
EHD4X60A**	0.99	0.99		*9MA*1202422A**
EN(A,D,W)4X60*24**	0.99	0.99		*9MA*1202422A**
ENH4X60*24**	0.99	0.99		*9MA*1202422A**
EHD4X60A**	1.00	0.98		MV16**21C*
EA*4X60*21A*	0.99	0.99		
EHD4X60A**	0.99	0.97		MV20**24C*
EN(A,D,W)4X60*24**	1.00	1.00		

COOLING			
COOLING INDOOR MODEL	CAPACITY	POWER	FURNACE MODEL
*FS(M,U)4X60**A*	1.00	1.00	
FCM4X60***	1.02	0.97	
FEM4X60**A*	1.01	0.96	
FEM4X60**B*	0.99	0.97	
FVM4X60***	1.02	0.97	
FXM4X60**A*	1.01	0.95	
EA*4X60*21A*	0.99	0.97	*8MX*1102120**
EHD4X60A**	1.00	0.96	*8MX*1102120**
EA*4X60*24A*	0.99	0.97	*8MX*1352420**
EN(A,D,W)4X60*24**	0.99	0.96	*8MX*1352420**
ENH4X60*24**	0.99	0.97	*8MX*1352420**
EA*4X60*21A*	0.99	0.97	*8MX*1352420**
EHD4X60A**	1.00	0.98	*8MV*1102120**
EA*4X60*24A*	0.99	0.97	*8MV*1352422**
EHD4X60A**	1.00	0.96	*8MV*1352422**
EN(A,D,W)4X60*24**	0.99	0.96	*8MV*1352422**
ENH4X60*24**	0.99	0.96	*8MV*1352422**
EA*4X60*21A*	0.98	0.97	*9MX*0802120A**
EHD4X60A**	0.99	0.97	*9MX*0802120A**
EA*4X60*21A*	0.99	1.00	*9MX*1002120A**
EHD4X60A**	1.00	0.98	*9MX*1002120A**
EA*4X60*24A*	0.99	0.97	*9MX*1202422A**
EHD4X60A**	1.00	0.98	*9MX*1202422A**
EN(A,D,W)4X60*24**	0.99	0.98	*9MX*1202422A**
ENH4X60*24**	0.99	0.97	*9MX*1202422A**
EHD4X60A**	0.99	0.97	*9MA*0802120A**
EA*4X60*21A*	0.99	0.99	*9MA*1002122A**
EHD4X60A**	1.00	0.98	*9MA*1002122A**
EA*4X60*24A*	0.99	0.97	*9MA*1202422A**
EHD4X60A**	0.99	0.96	*9MA*1202422A**
EN(A,D,W)4X60*24**	0.99	0.97	*9MA*1202422A**
ENH4X60*24**	0.99	0.97	*9MA*1202422A**
EHD4X60A**	0.99	1.00	OMV154L20A
EA*4X60*21A*	0.99	0.99	
EA*4X60*21A*	1.00	0.98	MV16**21C*
EA*4X60*24A*	0.99	0.99	
EA*4X60*24A*	0.99	0.97	MV20**24C*
EHD4X60A**	1.00	1.00	

**COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS Indoor Models**

For complete ratings information, use the AHRI website directory search: [www.AHRIdirectory.org](http://www.AHRIdirectory.org). New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model *Tested Model	Furnace Model	Factory Installed	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		H S P F
				Capacity BTU/hr	SEER		EER	Capa- city BTU/ hr	C O P	BTU/ hr	C O P	
					Stan- dard	W/ field TDR						
N4H318A(G)KF	*FEM4P18**A*		TDR	17,400	13.00		11.00	16,700	3.60	9,400	2.24	7.7
N4H324A(G)KF	*FEM4P24**A*		TDR	23,400	13.00		11.00	22,000	3.48	13,000	2.28	7.7
N4H330A(G)KF N4H330GHF	*FEM4P30**A*		TDR	28,600	13.00		11.00	29,600	3.50	17,700	2.34	7.7
N4H336A(G)KF N4H336GHF N4H336GLF	*FEM4P36**A*		TDR	33,600	13.00		11.00	33,000	3.54	20,200	2.40	7.7
N4H342A(G)KF N4H342GHF	*FEM4P42**A*		TDR	42,000	13.00		11.00	39,500	3.62	24,000	2.44	8.0
N4H348A(G)KF N4H348GHF N4H348GLF	*FEM4P48**A*		TDR	47,000	13.00		11.00	45,000	3.58	28,200	2.50	8.0
N4H360A(G)KFN 4H360GHF N4H360GLF	*FS(M,U)4X60**A*		TDR&TXV	58,500	13.00		10.80	57,000	3.52	37,000	2.50	7.7

\* Tested Combo

**TESTED AHRI COMBINATION RATINGS\***

NOTE: Ratings contained in this document are subject to change at any time.

For AHRI ratings certificates, please refer to the AHRI directory. [www.ahridirectory.org](http://www.ahridirectory.org)

Additional ratings and system combinations can be accessed via the Keeprite database:

<http://www.icpeqp.com/AHRIratings/ratings.aspx?Brand=Keeprite>

Or scan this QR code:



ACCESSORY USAGE GUIDELINES			
Accessory	Required for applications in snow belt region	Required for Low-Ambient Cooling Applications {Below 55°F (13°C)}	Required for Long Line Applications* {Over 80 Ft. (24.4m)}
Crankcase Heater	Standard (if required)	Yes	Yes
Evaporator Freeze Thermostat	No	Yes	No
Accumulator	Standard	Standard	Standard
Compressor Start Assist Capacitor and Relay	No	Yes**	Yes**
Low-ambient Control	No	Yes***	No
Support Feet	Yes	Recommended	No
Liquid Line Solenoid Valve	No	No	See Long-Line Application Guideline

\* For Tubing Set lengths between 80 and 200 ft (24.4 and 61m) horizontal or 20 ft (6.1m) vertical differential, refer to the Application Guideline and Service Manual-Air Conditioners and Heat Pumps using R-410A

\*\* Single Phase only

\*\*\* For heat pump application, isolation relay required (see kit below)

ACCESSORIES		
Part Number	Description	Used On Model Size
NASA001SC	Start Component – PTC Device	ALL
NASA001FS	Evaporator Freeze Thermostat	ALL
NASA001LS	Liquid Line Solenoid Valve, HP, R-22 or R-410A	ALL
NASA001TD	Time Delay Relay, Indoor Blower	ALL
NASA001AC	Anti-Cycle Timer (5 minute delay)	ALL
NASA005SC	Hard Start Kit (Capacitor & Relay)	ALL
NASA401LA	Low Ambient Pressure Switch	ALL
NASA00101IK	Low Ambient Isolation Relay Kit	ALL
NASA00201SF	Support Feet, 4" (102mm) tall (5 blocks)	18, 24
NASA001SF	Support Feet, 4" (102mm) tall (4 blocks)	30, 36, 42, 48, 60
NASA00106SS	Snow Stand Kit	ALL
NASA00501CH	Crankcase Heater for Scroll Compressor (208/230 V)	42 (factory installed on 48, 60)
NASA00601CH	Crankcase Heater for Scroll Compressor (208/230 V)	18, 24, 30, 36
NASA001SJ	Sound Jacket, Compressor	18, 24, 30, 36, 42, 48
NASA003SJ	Sound Jacket, Compressor	60
EBAC05TXVX	TXV Kit, R-410A – 2005–2009 R-22 TXV Fancoils (air handlers)	18, 24, 30
EBAC06TXVX	TXV Kit, R-410A – 2005–2009 R-22 TXV Fancoils (air handlers)	36, 42
EBAC07TXVX	TXV Kit, R-410A – 2005–2009 R-22 TXV Fancoils (air handlers)	48, 60