



HIGH EFFICIENCY 14 SEER HEAT PUMP ENVIRONMENTALLY SOUND R-410A REFRIGERANT 1½ THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 1-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 3/8 (10mm) grille spacing for extra protection

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.



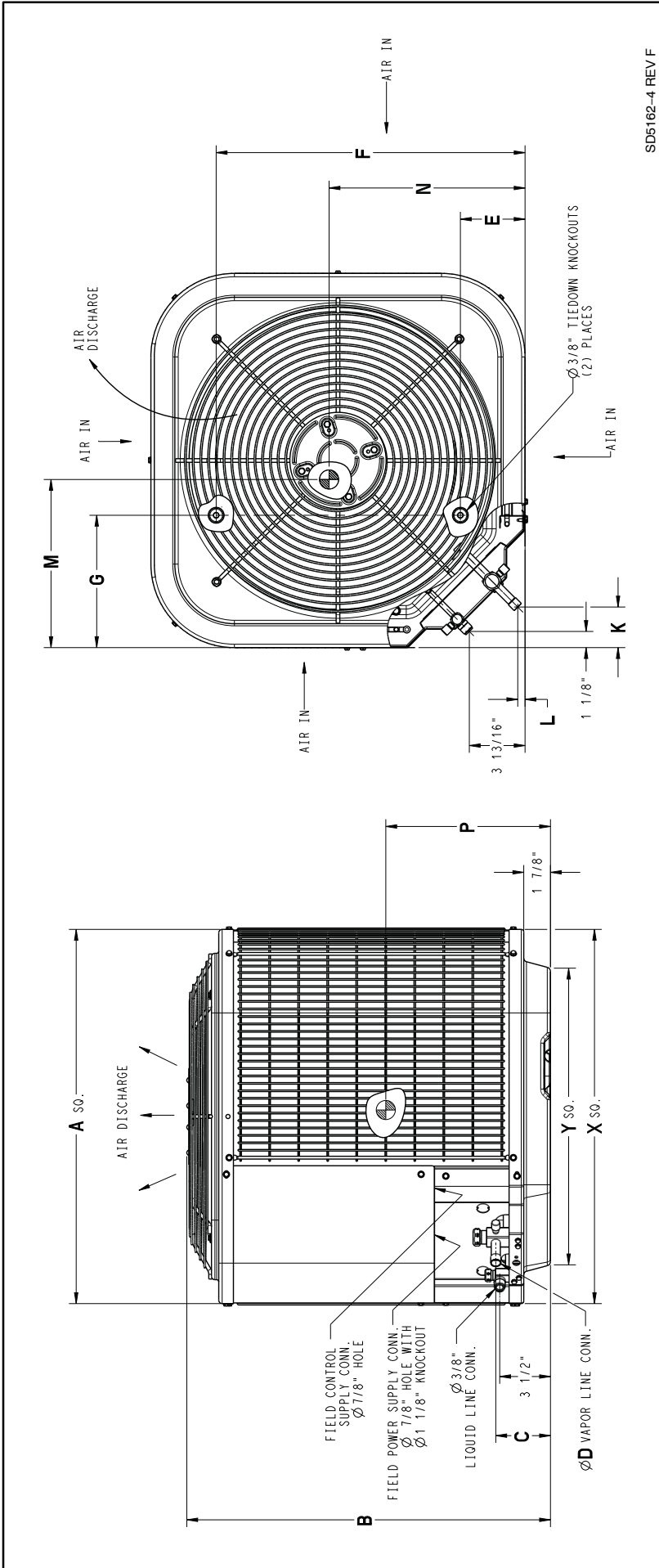
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Model Number	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions length x width x height inches (mm)	Operating/Ship-Weight lbs. (kg)
N4H418GKF	1½	18,000	11.8	20	23-1/8 x 23-1/8 x 35-1/4 (587 x 587 x 895)	138 / 159 (63 / 72)
N4H424GKF	2	24,000	17.7	25	31-3/16 x 31-3/16 x 28-15/16 (792 x 792 x 735)	162 / 189 (73 / 86)
N4H430GKF	2½	30,000	20.8	30	31-3/16 x 31-3/16 x 39-1/8 (792 x 792 x 994)	186 / 215 (85 / 98)
N4H436GKF	3	36,000	20.4	35	31-3/16 x 31-3/16 x 39-1/8 (792 x 792 x 994)	189 / 218 (86 / 99)
N4H442GKF	3½	42,000	25.7	40	31-3/16 x 31-3/16 x 25-5/16 (792 x 792 x 643)	225 / 250 (102 / 113)
N4H448GKF	4	48,000	28.7	50	31-3/16 x 31-3/16 x 32-5/16 (792 x 792 x 820)	240 / 273 (110 / 124)
N4H460GKF	5	60,000	34.1	50	35 x 35 x 28-15/16 (889 x 889 x 735)	250 / 282 (114 / 128)

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:	N	4	H	4	18	G	K	F	1	0	0
T = Tempstar Mainline											
N = Tempstar Entry BRANDING											
2 = R-22											
4 = R-410A REFRIGERANT											
A = Air Conditioner											
H = Heat Pump TYPE											
3 = 13 SEER											
4 = 14 SEER NOMINAL EFFICIENCY											
18 = 18,000 BTUH = 1½ tons											
24 = 24,000 BTUH = 2 tons											
30 = 30,000 BTUH = 2½ tons											
36 = 36,000 BTUH = 3 tons											
42 = 42,000 BTUH = 3½ tons											
48 = 48,000 BTUH = 4 tons											
60 = 60,000 BTUH = 5 tons NOMINAL CAPACITY											
A = Standard Grille											
G = Coil Guard Grille											
C = Coastal FEATURES											
K = 208/230-1-60 VOLTAGE											
Sales Code											
Engineering Revision											
Extra Digit											
Extra Digit											

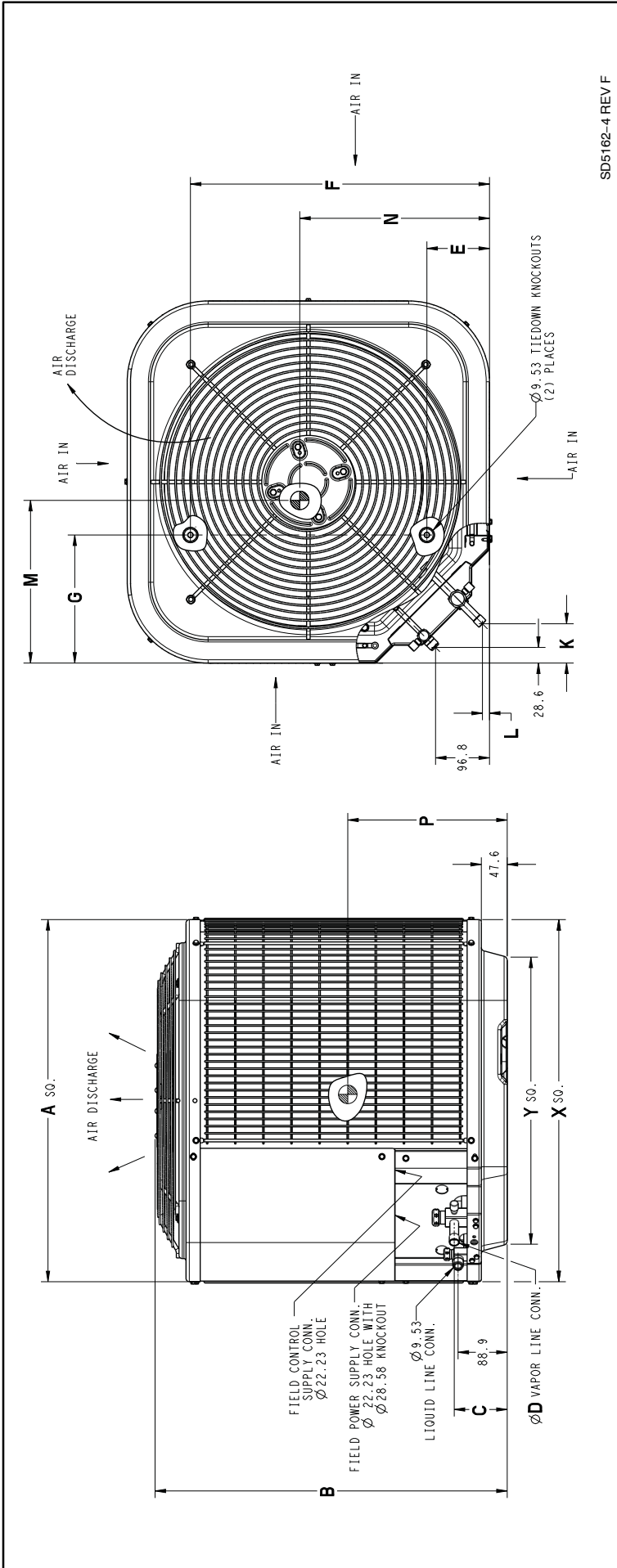
ACCESSORIES PART NUMBER IDENTIFICATION GUIDE									
Digit Position:	1	2	3	4	5	6, 7	8, 9	10, 11	
Example Part Number:	N	A	S	A	0	01	01	CH	
N = Non-Branded BRANDING									
A = Accessory PRODUCT GROUP									
S = Split System (AC & HP) KIT USAGE									
A = Original									
B = 2nd Generation MAJOR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



SD5162-4 REV F

1. Allow 24" clearance to service side of unit, 48" above unit, 6" on one side, 12" on remaining sides.
2. Maintain a distance of 24" between units or 18" if no overhang within 12'.
3. Minimum outdoor operating ambient in cooling mode is 55°F, max 125°F.
4. 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
N4H418GKF	23-1/8	35-1/4	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	13-1/2	23-1/8 x 23-1/8	17-3/4 x 17-3/4	25-1/4 x 25-1/4 x 40
N4H424GKF	31-3/16	28-15/16	3-3/4	5/8	6-9/16	24-11/16	9-1/8	2-13/16	1/2	15-5/8	16-3/4	14-1/2	31-3/16 x 31-3/16	23 x 23	33-3/8 x 33-3/8 x 33-1/4
N4H430GKF	31-3/16	39-1/8	3-3/4	3/4	6-9/16	24-11/16	9-1/8	2-13/16	1/2	16-1/2	15-1/2	17	31-3/16 x 31-3/16	23 x 23	33-3/8 x 33-3/8 x 43-1/2
N4H436GKF	31-3/16	39-1/8	3-3/4	3/4	6-9/16	24-11/16	9-1/8	2-13/16	1/2	16-1/2	15-1/2	17	31-3/16 x 31-3/16	23 x 23	33-3/8 x 33-3/8 x 43-1/2
N4H442GKF	31-3/16	25-5/16	3-7/8	7/8	6-9/16	24-11/16	9-1/8	2-15/16	5/8	15-1/2	15-3/4	12-1/2	31-3/16 x 31-3/16	23 x 23	33-3/8 x 33-3/8 x 33-1/2
N4H448GKF	31-3/16	32-5/16	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
N4H460GKF	35	28-15/16	3-7/8	7/8	6-9/16	27-7/16	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



SD5162-4 REV F

1. Allow 610 mm clearance to service side of unit, 1219 mm above unit, 152 mm on one side, 305 mm on remaining sides.
2. Maintain a distance of 610 mm between units or 457 mm if no overhang within 3.7 m.
3. Minimum outdoor operating ambient in cooling mode is 13°C, max 52°C.
4. Center of Gravity

Model	Dimensions mm (SI Metric)																Minimum Rooftop Mounting Pad Y	Shipping Dimensions L x W x H
	A	B	C	D	E	F	G	K	L	M	N	P	X	Y				
N4H418GKF	587	895	95	16	113	459	198	71	13	292	267	343	587 x 587	451 x 451	642 x 642 x 1017			
N4H424GKF	792	735	95	16	167	627	232	71	13	397	425	368	792 x 792	583 x 583	847 x 847 x 844			
N4H430GKF	792	994	95	19	167	627	232	71	13	419	394	432	792 x 792	583 x 583	847 x 847 x 1103			
N4H436GKF	792	994	95	19	167	627	232	71	13	419	394	432	792 x 792	583 x 583	847 x 847 x 1103			
N4H442GKF	792	643	98	22	167	627	232	76	16	394	400	318	792 x 792	583 x 583	847 x 847 x 844			
N4H448GKF	792	820	98	22	167	627	232	76	16	381	381	318	792 x 792	583 x 583	847 x 847 x 931			
N4H460GKF	889	735	98	22	167	722	232	76	16	432	406	305	889 x 889	680 x 680	943 x 943 x 844			

PHYSICAL DATA							
Model Size	18	24	30	36	42	48	60
Nominal Cooling Capacity (BTU/hr)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Nominal SEER	14.0	14.0	14.0	14.0	14.0	14.0	14.0
ELECTRICAL DATA (208–230–60, voltage range 197V–253V)							
Minimum Circuit Ampacity – MCA (amps)	11.8	17.7	20.8	20.4	25.7	28.7	34.1
Maximum OverCurrent Protective device – MOCP (amps)	20	25	30	35	40	50	50
Compressor RLA (Rated Load Amps) LRA (Locked Rotor Amps)	9.0 48	13.5 58.3	16.0 77	15.3 70	19.9 109	21.8 117	26.3 134
FAN MOTOR							
Fan Motor FLA (Full Load Amps)	0.5	0.75	.75	1.1	0.8	1.4	1.2
PSC Fan Motor HP	1/12	1/10	1/10	1/5	1/10	1/4	1/4
Fan RPM	1100	1100	1100	1100	1100	1100	800
Fan CFM	1700	2614	2614	3365	2614	3365	4046
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)	5/8 (16)	3/4 (19)	3/4 (19)	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)*	5/8 (16)*	3/4 (19)*	3/4 (19)*	7/8 (22)*	7/8 (22)*	1–1/8 (29)*
Piston Size – Indoor Cooling (shipped loose with heat pump)	TXV	TXV	TXV	TXV	TXV	TXV	TXV
Piston Size – Outdoor Heating (shipped in liquid service valve)	42	42	55	57	65	70	76
Factory Charge R–410A lbs. (kg)	5.30 (2.40)	6.75 (3.06)	7.50 (3.40)	7.60 (3.45)	8.9 (4.03)	10.50 (4.76)	11.00 (4.99)
Required Subcooling °F (°C)	11 (6)	11 (6)	10 (6)	10 (6)	11 (6)	15 (8)	15 (8)
Coil Face Area ft ² (m ²)	12.6 (1.17)	15.1 (1.40)	21.6 (2.00)	21.6 (2.00)	15.1 (1.40)	17.1 (1.59)	17.6 (1.64)
Coil Rows – fins per inch	1 – 25	1 – 20	1 – 20	1 – 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
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).

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

Model Size	Liquid Line in.(mm)	Acceptable Vapor Line Sizes in. (mm)	Cooling Capacity Loss (%) at Total Equivalent Line Length, feet (m) Refer to Long Line Application Guideline to calculate equivalent length											
			Standard Application			Long Line Application (Requires Accessories)								
			25' (7.6)	50' (15.2)	80' (24.4)	81' (24.7)	100' (30.5)	125' (38.1)	150' (45.7)	175' (53.3)	200' (61)	225' (68.6)	250' (76.2)	
18	3/8 (10)	1/2 (13)	1	2	3	3	4	6	7	8	9	10	12	
		5/8 (16)	0	0	1	1	1	1	2	2	3	3	3	
24		5/8 (16)	0	1	1	1	2	3	3	4	4	4	5	6
		3/4 (19)	0	0	0	0	0	1	1	1	1	1	1	2
30		5/8 (16)	1	2	3	3	3	4	5	6	7	8	9	
		3/4 (19)	0	0	1	1	1	1	2	2	2	3	3	
		7/8 (22)	0	0	0	0	0	1	1	1	1	1	1	
36		5/8 (16)	1	2	4	4	5	6	7	9	10	11	13	
		3/4 (19)	0	0	1	1	1	2	2	3	3	4	4	
		7/8 (22)	0	0	0	0	0	1	1	1	1	2	2	
42		3/4 (19)	0	1	2	2	2	3	4	4	5	6	6	
		7/8 (22)	0	0	1	1	1	1	2	2	2	3	3	
48	3/4 (19)	0	1	2	2	3	4	5	5	6	7	8		
	7/8 (22)	0	0	1	1	1	2	2	2	3	3	4		
60	3/4 (19)	1	2	4	4	5	6	7	9	10	11	12		
	7/8 (22)	0	1	2	2	2	3	4	4	5	5	6		
	1-1/8 (29)	0	0	0	0	1	1	1	1	1	1	2		

* 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 shaded area may have height restrictions that limit allowable total equivalent length when outdoor unit is below indoor unit.

A-Weighted Sound Power Level - Without Sound Shield

Model	Standard Rating (dBA)	TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment)						
		125	250	500	1000	2000	4000	8000
18	69	45	48	56	62	54.5	52.5	47
24	76	51.5	57	63	69.5	63	59.5	53.5
30	78	45	55	61.5	70.5	62	58.5	52.5
36	72	52.5	55.5	61.5	63	60	59	52
42	78	61.0	67.5	72.5	73.5	71.0	67.5	62.0
48	77	52	62	66.5	68	65	61	54
60	77	55	63	67.5	71.5	68	64	60.5

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

A-Weighted Sound Power Level - With Sound Shield

Model	Standard Rating (dBA)	TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment)						
		125	250	500	1000	2000	4000	8000
18	68	46.5	48	56	60.5	54.5	51.5	45.5
24	76	52	57.5	63	68	62.5	58.5	52.5
30	76	45.5	54.5	61	68.5	60.5	57.5	52
36	72	52.5	54	61.5	62	59	57.5	51.5
42	78	60.5	68.0	72.5	73.0	71.0	67.5	61.5
48	77	52.0	61.5	66.5	68.0	64.5	60.5	53.0
60	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 COOLING PERFORMANCE RATINGS For Outdoor / Indoor Models

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

N4H418GKF Outdoor With FEM4P18A* Indoor Cooling**

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
525	MBh†	21.43	19.44	17.99	17.64	16.97	20.38	18.48	17.10	16.78	16.30	19.27	17.47	16.16	15.88	15.58	18.10	16.40	15.16	14.93	14.81	16.86	15.26	14.10	14.00	13.98
	S/T‡	0.49	0.66	0.68	0.85	1.00	0.49	0.67	0.70	0.87	1.00	0.50	0.69	0.71	0.90	1.00	0.51	0.71	0.73	0.92	1.00	0.52	0.73	0.76	1.00	1.00
	AMPS*	5.20	5.18	5.17	5.17	5.16	5.93	5.89	5.87	5.86	5.86	6.70	6.67	6.64	6.63	6.63	7.57	7.53	7.51	7.51	7.51	8.56	8.52	8.49	8.48	8.48
	HI PR	285	281	278	277	276	330	325	322	321	320	378	374	371	370	369	431	427	425	424	424	491	486	483	483	483
	LO PR	154	140	130	128	124	156	143	133	131	127	159	145	135	133	131	162	148	138	136	135	164	151	140	140	140
600	MBh†	21.88	19.86	18.40	18.08	17.73	20.77	18.86	17.47	17.20	17.01	19.62	17.80	16.49	16.27	16.24	18.40	16.69	15.44	15.43	15.41	17.12	15.51	14.34	14.54	14.52
	S/T‡	0.50	0.69	0.71	0.89	1.00	0.51	0.70	0.73	0.91	1.00	0.52	0.72	0.74	1.00	1.00	0.53	0.74	0.77	1.00	1.00	0.54	0.77	0.79	1.00	1.00
	AMPS*	5.26	5.24	5.22	5.22	5.22	5.98	5.95	5.93	5.93	5.92	6.77	6.73	6.70	6.70	6.70	7.64	7.59	7.57	7.57	7.57	8.62	8.58	8.55	8.55	8.55
	HI PR	287	282	279	278	278	331	327	323	322	322	379	375	372	371	371	432	428	425	425	425	492	487	484	484	484
	LO PR	157	144	134	132	129	160	146	136	134	133	162	148	138	137	136	165	151	140	141	140	167	153	143	145	145
675	MBh†	22.22	20.19	18.71	18.48	18.36	21.08	19.15	17.75	17.63	17.60	19.88	18.06	16.74	16.80	16.78	18.63	16.91	15.66	15.93	15.91	17.31	15.70	14.53	14.99	14.97
	S/T‡	0.52	0.71	0.74	0.93	1.00	0.53	0.73	0.76	1.00	1.00	0.54	0.75	0.78	1.00	1.00	0.55	0.78	0.80	1.00	1.00	0.57	0.81	0.83	1.00	1.00
	AMPS*	5.32	5.29	5.28	5.28	5.28	6.04	6.01	5.99	5.99	5.99	6.83	6.79	6.76	6.77	6.77	7.70	7.65	7.63	7.63	7.63	8.69	8.64	8.61	8.62	8.62
	HI PR	287	283	280	279	279	331	327	324	324	324	379	376	373	373	373	433	429	426	427	427	492	488	484	486	486
	LO PR	160	146	136	135	134	162	148	138	138	138	165	151	140	141	141	167	153	142	145	145	169	156	145	149	149

† Total capacities are net (I.D blower heat subtracted) system capacities based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
* System amps are total of indoor and outdoor amps
‡ S/T are based on 80 F db entering air at the indoor coil. For sensible capacities at other than 80 F db, deduct 835 Btu/h per 1000 cfm of indoor coil air from MBh/S/T for each degree below 80 F, or add 835 Btu/h per 1000 cfm of indoor coil air from MBh/S/T for each degree above 80 F
†† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

COOLING MULTIPLIERS FOR COMBINATION RATINGS: N4H418GKF

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
*FEM4X18**B*		1.00	1.00	EN(A,D)4X24*14**	*9MV*0401410A**	0.99	0.99
FCM4X24***		1.01	0.95	EA*4X24*17A*	*9MV*0601714A**	1.01	0.97
FEA4X18**A*		1.00	1.05	EHD4X24A**	*9MV*0601714A**	1.00	0.96
FEA4X24**A*		1.01	1.06	EN(A,D)4X24*17**	*9MV*0601714A**	1.00	0.96
FEM4P18**A*		1.00	0.98	ENH4X24*17**	*9MV*0601714A**	1.00	0.96
FEM4P24**A*		0.99	0.98	EA*4X24*17A*	*9MV*0801716A**	1.02	0.98
FEM4X18**A*		1.01	1.01	EHD4X24A**	*9MV*0801716A**	1.01	0.97
FEM4X24**A*		1.01	0.97	EN(A,D)4X24*17**	*9MV*0801716A**	1.01	0.97
FEM4X24**B*		1.00	0.96	ENH4X24*17**	*9MV*0801716A**	1.01	0.97
FS(M,U)4P18**A*		0.99	1.02	EHD4X24A**	*9MV*0802120A**	1.02	0.98
FS(M,U)4P24**A*		1.00	1.03	EHD4X24A**	*9MV*1002120A**	1.02	0.98
FVM4X24****		1.01	0.95	EHD4X24A**	*9MV*1202422A**	1.02	0.98
FXM4X18**A*		1.01	0.95	EA*4X24*17A*	*9MA*0601714A**	0.99	0.95
FXM4X24**A*		1.01	0.95	EHD4X24A**	*9MA*0601714A**	1.00	0.98
EA*4X18*14A*	*8MX*0451408**	0.99	0.97	EN(A,D)4X24*17**	*9MA*0601714A**	0.99	0.98
EA*4X24*14A*	*8MX*0451408**	1.01	0.97	ENH4X24*17**	*9MA*0601714A**	0.99	0.98
EHD4X24A**	*8MX*0451408**	1.01	0.97	EA*4X24*17A*	*9MA*0801714A**	0.99	0.95
EN(A,D)4X18*14**	*8MX*0451408**	0.99	0.98	EHD4X24A**	*9MA*0801714A**	1.00	0.96
EN(A,D)4X24*14**	*8MX*0451408**	1.01	0.96	EN(A,D)4X24*17**	*9MA*0801714A**	0.99	0.97
EA*4X18*14A*	*8MV*0701412**	0.97	0.96	ENH4X24*17**	*9MA*0801714A**	0.99	0.97
EA*4X24*14A*	*8MV*0701412**	0.99	0.95	EHD4X24A**	*9MA*0602120A**	1.01	0.96
EHD4X24A**	*8MV*0701412**	1.00	0.96	EA*4X24*17A*	NOMV106D12*	1.00	0.96
EN(A,D)4X18*14**	*8MV*0701412**	0.98	0.97	EHD4X24A**	NOMV106D12*	1.01	0.96
EN(A,D)4X24*14**	*8MV*0701412**	0.99	0.97	EN(A,D)4X24*17**	NOMV106D12*	1.00	0.96
EA*4X24*17A*	*8MV*0901716**	0.99	0.95	ENH4X24*17**	NOMV106D12*	1.00	0.96
EHD4X24A**	*8MV*0901716**	1.01	0.96	EA*4X24*17A*	OLV098A12A	1.01	0.97
EN(A,D)4X24*17**	*8MV*0901716**	0.99	0.95	EN(A,D)4X24*17**	OLV098A12A	1.01	0.97
ENH4X24*17**	*8MV*0901716**	0.99	0.95	EA*4X24*17A*	OMV098J12A	1.01	0.97
EA*4X18*14A*	*9MX*0401410A**	0.97	0.97	EHD4X24A**	OMV098J12A	1.01	0.97
EA*4X24*14A*	*9MX*0401410A**	0.99	0.97	EN(A,D)4X24*17**	OMV098J12A	1.01	0.97
EHD4X24A**	*9MX*0401410A**	0.99	0.97	ENH4X24*17**	OMV098J12A	1.01	0.97
EN(A,D)4X18*14**	*9MX*0401410A**	0.97	0.97	EA*4X18*14A*	MV08**14C*	0.98	0.98
EN(A,D)4X24*14**	*9MX*0401410A**	0.98	0.98	EA*4X24*14A*	MV08**14C*	1.00	0.96
EA*4X18*14A*	*9MV*0401410A**	0.98	1.02	EHD4X24A**	MV08**14C*	1.01	0.97
EA*4X24*14A*	*9MV*0401410A**	1.00	1.00	EN(A,D)4X18*14**	MV08**14C*	0.99	0.95
EHD4X24A**	*9MV*0401410A**	1.00	1.00	EN(A,D)4X24*14**	MV08**14C*	1.00	0.96
EN(A,D)4X18*14**	*9MV*0401410A**	0.98	1.02				

EXPANDED COOLING PERFORMANCE RATINGS For Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.org.
New ratings may be listed online before Specification Sheets are updated.

N4H424GKF Outdoor With FEM4P30A* Indoor Cooling**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
700	MBh†	27.58	25.05	23.22	22.79	22.06	26.28	23.86	22.12	21.72	21.22	24.89	22.60	20.94	20.61	20.32	23.44	21.26	19.70	19.44	19.34	21.90	19.86	18.38	18.32	18.30
	S/T‡	0.51	0.69	0.71	0.90	1.00	0.51	0.70	0.73	0.92	1.00	0.52	0.72	0.75	0.94	1.00	0.53	0.74	0.77	0.99	1.00	0.55	0.76	0.79	1.00	1.00
	AMPS*	6.67	6.67	6.69	6.69	6.69	7.52	7.50	7.50	7.49	7.50	8.43	8.40	8.38	8.37	8.37	9.43	9.38	9.36	9.35	9.35	10.55	10.49	10.47	10.46	10.46
	HI PR	278	275	273	273	272	321	318	316	315	315	369	365	363	362	362	420	416	414	413	413	477	472	470	469	469
	LO PR	154	141	131	129	125	156	143	133	131	128	159	145	135	133	132	161	148	137	136	135	164	150	140	140	140
800	MBh†	28.11	25.55	23.69	23.33	22.99	26.74	24.30	22.54	22.24	22.09	25.30	22.99	21.32	21.15	21.12	23.79	21.60	20.02	20.10	20.07	22.20	20.14	18.66	18.99	18.96
	S/T‡	0.52	0.72	0.75	0.94	1.00	0.53	0.74	0.76	0.96	1.00	0.54	0.76	0.78	1.00	1.00	0.55	0.78	0.80	1.00	1.00	0.57	0.81	0.83	1.00	1.00
	AMPS*	6.77	6.77	6.78	6.78	6.78	7.62	7.60	7.59	7.59	7.59	8.54	8.50	8.48	8.48	8.48	9.54	9.48	9.46	9.46	9.46	10.66	10.60	10.57	10.57	10.57
	HI PR	279	276	274	274	273	322	319	316	316	316	369	366	363	363	363	421	417	414	414	414	478	473	470	471	471
	LO PR	157	144	134	132	130	160	146	136	135	134	162	148	138	137	137	164	150	140	141	141	167	153	142	145	145
900	MBh†	28.51	25.92	24.06	23.81	23.77	27.09	24.63	22.86	22.84	22.81	25.60	23.28	21.60	21.81	21.78	24.05	21.85	20.27	20.70	20.68	22.41	20.36	18.88	19.53	19.51
	S/T‡	0.54	0.75	0.78	1.00	1.00	0.55	0.77	0.79	1.00	1.00	0.56	0.79	0.82	1.00	1.00	0.57	0.82	0.84	1.00	1.00	0.59	0.85	0.87	1.00	1.00
	AMPS*	6.87	6.86	6.87	6.87	6.87	7.72	7.70	7.69	7.69	7.69	8.65	8.61	8.59	8.59	8.59	9.65	9.59	9.56	9.57	9.57	10.77	10.70	10.67	10.68	10.68
	HI PR	279	276	274	274	274	322	319	317	317	317	370	367	364	364	364	422	417	415	416	416	478	474	471	472	472
	LO PR	160	147	136	135	135	162	149	138	138	138	164	151	140	142	142	167	153	142	146	145	169	155	145	150	149

† Total capacities are net (I.D blower heat subtracted) system capacities based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
* System amps are total of indoor and outdoor amps
‡ S/T are based on 80 F db entering air at the indoor coil. For sensible capacities at other than 80 F db, deduct 835 Btuh per 1000 cfm of indoor coil air from MBhS/T for each degree below 80 F, or add 835 Btuh per 1000 cfm of indoor coil air from MBhS/T for each degree above 80 F
†† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

COOLING MULTIPLIERS FOR COMBINATION RATINGS: N4H424GKF

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
*FEM4X30**B*		1.00	1.00	EA*4X24*14A*	*9MX*0401410A**	1.00	1.03
FCM4X24****		1.02	0.98	EA*4X30*14A*	*9MX*0401410A**	1.01	1.04
FCM4X36****		1.02	0.94	EHD4X24A**	*9MX*0401410A**	1.01	1.04
FEA4X24**A*		1.00	1.05	EHD4X30A**	*9MX*0401410A**	1.01	1.04
FEA4X30**A*		1.00	1.05	EN(A,D)4X24*14**	*9MX*0401410A**	0.99	1.04
FEM4P24**A*		0.97	0.97	EN(A,D)4X30*14**	*9MX*0401410A**	1.01	1.04
FEM4P30**A*		0.99	0.99	EA*4X24*17A*	*9MX*0601714A**	1.00	0.96
FEM4X24**B*		0.98	0.97	EA*4X30*17A*	*9MX*0601714A**	1.01	0.97
FS(M,U)4P24**A*		0.98	1.00	EHD4X24A**	*9MX*0601714A**	1.00	0.96
FS(M,U)4P30**A*		0.99	1.02	EHD4X30A**	*9MX*0601714A**	1.01	0.97
FVM4X24****		1.02	0.98	EN(A,D)4X24*17**	*9MX*0601714A**	0.99	0.97
FVM4X36****		1.02	0.94	EN(A,D)4X30*17**	*9MX*0601714A**	1.01	0.97
FXM4X24**A*		1.00	0.96	ENH4X24*17**	*9MX*0601714A**	0.99	0.97
FXM4X30**A*		1.01	0.97	ENH4X30*17**	*9MX*0601714A**	1.01	0.97
EA*4X24*14A*	*8MX*0451408**	1.00	0.98	EA*4X24*14A*	*9MV*0401410A**	0.98	1.03
EA*4X30*14A*	*8MX*0451408**	1.01	0.97	EA*4X30*14A*	*9MV*0401410A**	1.00	1.05
EHD4X24A**	*8MX*0451408**	1.01	0.97	EHD4X24A**	*9MV*0401410A**	0.99	1.04
EHD4X30A**	*8MX*0451408**	1.02	0.98	EHD4X30A**	*9MV*0401410A**	1.00	1.05
EN(A,D)4X24*14**	*8MX*0451408**	0.99	0.97	EN(A,D)4X24*14**	*9MV*0401410A**	0.98	1.03
EN(A,D)4X30*14**	*8MX*0451408**	1.01	0.97	EN(A,D)4X30*14**	*9MV*0401410A**	0.99	1.04
EA*4X24*14A*	*8MV*0701412**	0.99	0.95	EA*4X24*17A*	*9MV*0601714A**	0.99	0.99
EA*4X30*14A*	*8MV*0701412**	1.00	0.96	EA*4X30*17A*	*9MV*0601714A**	1.01	0.97
EHD4X24A**	*8MV*0701412**	1.00	0.96	EHD4X24A**	*9MV*0601714A**	0.99	0.99
EHD4X30A**	*8MV*0701412**	1.01	0.97	EHD4X30A**	*9MV*0601714A**	1.01	0.97
EN(A,D)4X24*14**	*8MV*0701412**	0.99	0.97	EN(A,D)4X24*17**	*9MV*0601714A**	0.98	0.98
EN(A,D)4X30*14**	*8MV*0701412**	1.00	0.96	EN(A,D)4X30*17**	*9MV*0601714A**	1.01	0.97
EA*4X24*17A*	*8MV*0901716**	1.00	0.94	ENH4X24*17**	*9MV*0601714A**	0.98	0.98
EA*4X30*17A*	*8MV*0901716**	1.01	0.95	ENH4X30*17**	*9MV*0601714A**	1.01	0.97
EHD4X24A**	*8MV*0901716**	1.01	0.95	EA*4X24*17A*	*9MV*0801716A**	1.00	0.96
EHD4X30A**	*8MV*0901716**	1.01	0.95	EA*4X30*17A*	*9MV*0801716A**	1.01	0.97
EN(A,D)4X24*17**	*8MV*0901716**	0.99	0.95	EHD4X24A**	*9MV*0801716A**	1.00	0.96
EN(A,D)4X30*17**	*8MV*0901716**	1.01	0.95	EHD4X30A**	*9MV*0801716A**	1.01	0.97
ENH4X24*17**	*8MV*0901716**	0.99	0.95	EN(A,D)4X24*17**	*9MV*0801716A**	0.99	0.99
ENH4X30*17**	*8MV*0901716**	1.01	0.95	EN(A,D)4X30*17**	*9MV*0801716A**	1.01	0.97
EHD4X24A**	*8MV*1102120**	1.01	0.97	ENH4X24*17**	*9MV*0801716A**	0.99	0.99
EHD4X30A**	*8MV*1102120**	1.01	0.95	ENH4X30*17**	*9MV*0801716A**	1.01	0.97
EHD4X24A**	*8MV*1352422**	1.01	0.97	EHD4X24A**	*9MV*0802120A**	0.99	0.95
EHD4X30A**	*8MV*1352422**	1.01	0.95	EHD4X30A**	*9MV*0802120A**	1.01	0.97

COOLING MULTIPLIERS FOR COMBINATION RATINGS: N4H424GKF (Cont.)

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
EHD4X24A**	*9MV*1002120A**	0.99	0.95	EN(A,D)4X30*17**	OLV098A12A	1.02	0.96
EHD4X30A**	*9MV*1002120A**	1.02	0.98	EA*4X24*17A*	OMV098J12A	1.00	0.98
EHD4X24A**	*9MV*1202422A**	1.00	0.96	EA*4X30*17A*	OMV098J12A	1.01	0.97
EHD4X30A**	*9MV*1202422A**	1.01	0.97	EHD4X24A**	OMV098J12A	1.01	0.99
EA*4X24*17A*	*9MA*0601714A**	0.99	0.97	EHD4X30A**	OMV098J12A	1.02	0.98
EA*4X30*17A*	*9MA*0601714A**	1.00	0.96	EN(A,D)4X24*17**	OMV098J12A	1.00	0.98
EHD4X24A**	*9MA*0601714A**	1.00	0.98	EN(A,D)4X30*17**	OMV098J12A	1.02	0.98
EHD4X30A**	*9MA*0601714A**	1.01	0.97	ENH4X24*17**	OMV098J12A	1.00	0.98
EN(A,D)4X24*17**	*9MA*0601714A**	0.99	0.97	ENH4X30*17**	OMV098J12A	1.02	0.98
EN(A,D)4X30*17**	*9MA*0601714A**	1.00	0.96	EA*4X24*17A*	OMV112K14A	1.00	0.94
ENH4X24*17**	*9MA*0601714A**	0.99	0.97	EA*4X30*17A*	OMV112K14A	1.01	0.95
ENH4X30*17**	*9MA*0601714A**	1.00	0.96	EHD4X24A**	OMV112K14A	1.01	0.97
EA*4X24*17A*	*9MA*0801714A**	0.99	0.95	EHD4X30A**	OMV112K14A	1.02	0.96
EA*4X30*17A*	*9MA*0801714A**	1.00	0.96	EN(A,D)4X24*17**	OMV112K14A	1.00	0.96
EHD4X24A**	*9MA*0801714A**	1.00	0.96	EN(A,D)4X30*17**	OMV112K14A	1.01	0.95
EHD4X30A**	*9MA*0801714A**	1.00	0.96	ENH4X24*17**	OMV112K14A	1.00	0.96
EN(A,D)4X24*17**	*9MA*0801714A**	0.99	0.97	ENH4X30*17**	OMV112K14A	1.01	0.95
EN(A,D)4X30*17**	*9MA*0801714A**	1.00	0.96	EA*4X24*14A*	MV08**14C*	1.00	0.96
ENH4X24*17**	*9MA*0801714A**	0.99	0.97	EA*4X24*17A*	MV12**17C*	1.00	0.96
ENH4X30*17**	*9MA*0801714A**	1.00	0.96	EA*4X30*14A*		0.99	1.04
EHD4X24A**	*9MA*0802120A**	1.02	0.98	EA*4X30*17A*	MV08**14C*	1.01	0.97
EHD4X30A**	*9MA*0802120A**	1.02	0.96	EA*4X30*14A*		0.99	1.04
EHD4X24A**	*9MA*1002122A**	1.02	0.98	EA*4X30*17A*	MV12**17C*	1.01	0.97
EHD4X30A**	*9MA*1002122A**	1.02	0.96	EHD4X24A**		0.99	1.04
EHD4X24A**	*9MA*1202422A**	1.01	0.97	EHD4X24A**	MV08**14C*	1.01	0.97
EHD4X30A**	*9MA*1202422A**	1.02	0.96	EHD4X24A**	MV12**17C*	1.01	0.97
EHD4X24A**	*9MA*0602120A**	1.01	0.99	EHD4X30A**		0.99	1.04
EHD4X30A**	*9MA*0602120A**	1.01	0.97	EHD4X30A**	MV08**14C*	1.01	0.97
EA*4X24*17A*	NOMV106D12*	0.99	0.95	EHD4X30A**	MV12**17C*	1.02	0.98
EA*4X30*17A*	NOMV106D12*	1.00	0.94	EN(A,D)4X24*14**		0.98	1.03
EHD4X24A**	NOMV106D12*	1.00	0.98	EN(A,D)4X24*14**	MV08**14C*	0.99	0.95
EHD4X30A**	NOMV106D12*	1.01	0.97	EN(A,D)4X24*17**	MV12**17C*	1.00	0.96
EN(A,D)4X24*17**	NOMV106D12*	0.99	0.97	EN(A,D)4X30*14**		0.99	1.04
EN(A,D)4X30*17**	NOMV106D12*	1.00	0.94	EN(A,D)4X30*14**	MV08**14C*	1.01	0.97
ENH4X24*17**	NOMV106D12*	0.99	0.97	EN(A,D)4X30*17**	MV12**17C*	1.02	0.98
ENH4X30*17**	NOMV106D12*	1.00	0.94	ENH4X24*17**	MV12**17C*	1.00	0.96
EA*4X24*17A*	OLV098A12A	1.00	0.96	ENH4X30*17**		0.99	1.04
EA*4X30*17A*	OLV098A12A	1.02	0.96	ENH4X30*17**	MV12**17C*	1.02	0.98
EN(A,D)4X24*17**	OLV098A12A	1.00	0.98				

EXPANDED COOLING PERFORMANCE RATINGS For Outdoor / Indoor Models

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N4H430GKF Outdoor With FEM4P30A* Indoor Cooling**

CFM	Outdoor Ambient Temperature - Degrees F, Dry Bulb																									
	75					85					95					105					115					
	Entering Indoor Temperature - Degrees F, Wet Bulb																									
	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	
875	MBh†	35.84	32.58	30.20	29.61	28.23	34.17	31.07	28.80	28.25	27.17	32.40	29.45	27.30	26.80	26.04	30.53	27.74	25.71	25.27	24.81	28.51	25.90	24.00	23.66	23.48
	S/T‡	0.49	0.66	0.69	0.86	1.00	0.50	0.67	0.70	0.88	1.00	0.51	0.69	0.71	0.90	1.00	0.51	0.71	0.73	0.92	1.00	0.53	0.73	0.75	0.95	1.00
	AMPS*	9.12	9.05	9.01	9.00	8.98	10.16	10.07	10.01	10.00	9.98	11.29	11.20	11.14	11.12	11.10	12.57	12.48	12.42	12.40	12.39	14.04	13.95	13.89	13.87	13.86
	HI PR	286	282	279	278	277	331	326	322	321	320	379	374	369	368	367	431	425	421	420	419	488	482	477	476	475
	LO PR	149	136	126	124	119	152	138	128	126	122	154	141	131	129	125	157	143	133	132	129	160	146	136	135	134
1000	MBh†	36.57	33.27	30.87	30.32	29.43	34.83	31.68	29.40	28.90	28.30	32.98	30.00	27.83	27.42	27.08	31.02	28.20	26.16	25.83	25.77	28.93	26.29	24.37	24.37	24.34
	S/T‡	0.51	0.69	0.71	0.90	1.00	0.51	0.70	0.73	0.92	1.00	0.52	0.72	0.74	0.94	1.00	0.53	0.74	0.76	1.00	1.00	0.54	0.77	0.79	1.00	1.00
	AMPS*	9.27	9.19	9.14	9.13	9.12	10.31	10.22	10.15	10.14	10.13	11.44	11.34	11.28	11.27	11.26	12.72	12.62	12.56	12.55	12.54	14.18	14.09	14.01	14.01	14.01
	HI PR	288	283	280	280	278	332	327	323	323	322	380	375	371	370	369	433	427	422	421	421	489	483	478	478	478
	LO PR	153	139	129	128	124	155	142	132	130	127	157	144	134	132	131	160	146	136	135	135	163	149	139	139	139
1125	MBh†	37.15	33.82	31.40	30.91	30.45	35.34	32.17	29.87	29.48	29.25	33.42	30.41	28.24	28.00	27.95	31.40	28.56	26.52	26.59	26.56	29.23	26.59	24.67	25.09	25.05
	S/T‡	0.52	0.72	0.74	0.93	1.00	0.53	0.73	0.76	0.95	1.00	0.54	0.75	0.77	1.00	1.00	0.55	0.77	0.80	1.00	1.00	0.56	0.80	0.83	1.00	1.00
	AMPS*	9.41	9.33	9.28	9.27	9.26	10.45	10.36	10.29	10.28	10.28	11.59	11.48	11.42	11.41	11.41	12.87	12.76	12.69	12.70	12.70	14.32	14.22	14.15	14.17	14.16
	HI PR	289	284	281	280	280	333	328	324	324	323	381	376	372	371	371	434	428	423	423	423	490	484	479	480	480
	LO PR	155	142	132	131	129	158	144	134	133	132	160	146	136	136	135	162	149	138	139	139	165	151	141	144	143

† Total capacities are net (I.D blower heat subtracted) system capacities based on 25' line set.
 If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
 * System amps are total of indoor and outdoor amps
 ‡ S/T are based on 80 F db entering air at the indoor coil. For sensible capacities at other than 80 F db, deduct 835 Btuh per 1000 cfm of indoor coil air from MBhxS/T for each degree below 80 F, or add 835 Btuh per 1000 cfm of indoor coil air from MBhxS/T for each degree above 80 F
 †† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

COOLING MULTIPLIERS FOR COMBINATION RATINGS: N4H430GKF

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
*FEM4X30**B*		1.00	1.00	ENH4X30*17**	*8MV*0901716**	1.00	0.98
FCM4X24****		1.01	0.96	ENH4X36*17**	*8MV*0901716**	1.00	0.98
FCM4X36****		1.01	0.97	EA*4X36*21A*	*8MV*1102120**	1.00	0.98
FEA4X30**A*		1.00	1.05	EHD4X30A**	*8MV*1102120**	1.00	0.98
FEA4X36**A*		1.00	1.05	EHD4X36A**	*8MV*1102120**	1.00	0.96
FEM4P30**A*		0.99	1.01	EN(A,D)4X36*21**	*8MV*1352422**	1.00	0.98
FEM4X35**A*		1.02	1.07	EHD4X30A**	*8MV*1352422**	1.00	0.98
FEM4X36**B*		1.00	1.00	EHD4X36A**	*8MV*1352422**	1.00	0.96
FS(M,U)4P30**A*		1.00	1.03	EA*4X30*17A*	*9MX*0601714A**	1.00	1.00
FS(M,U)4P36**A*		1.00	1.03	EA*4X36*17A*	*9MX*0601714A**	1.00	1.00
FVM4X24****		1.01	0.96	EHD4X30A**	*9MX*0601714A**	1.00	1.00
FVM4X36****		1.01	0.97	EHD4X36A**	*9MX*0601714A**	1.00	0.98
FXM4X30**A*		1.00	0.96	EN(A,D)4X30*17**	*9MX*0601714A**	1.00	1.00
FXM4X36**A*		1.00	0.96	EN(A,D,W)4X36*17**	*9MX*0601714A**	1.00	1.00
EA*4X30*17A*	*8MX*0701716**	1.00	1.00	ENH4X30*17**	*9MX*0601714A**	1.00	1.00
EA*4X36*17A*	*8MX*0701716**	1.00	1.00	ENH4X36*17**	*9MX*0601714A**	1.00	1.00
EHD4X30A**	*8MX*0701716**	1.00	1.00	EA*4X30*17A*	*9MX*0801716A**	1.00	1.00
EHD4X36A**	*8MX*0701716**	1.00	0.98	EA*4X36*17A*	*9MX*0801716A**	1.00	1.00
EN(A,D)4X30*17**	*8MX*0701716**	1.00	1.00	EHD4X30A**	*9MX*0801716A**	1.00	1.00
EN(A,D,W)4X36*17**	*8MX*0701716**	1.00	1.00	EHD4X36A**	*9MX*0801716A**	1.00	0.98
ENH4X30*17**	*8MX*0701716**	1.00	1.00	EN(A,D)4X30*17**	*9MX*0801716A**	1.00	1.00
ENH4X36*17**	*8MX*0701716**	1.00	1.00	EN(A,D,W)4X36*17**	*9MX*0801716A**	1.00	1.00
EA*4X36*21A*	*8MX*0902116**	1.00	0.98	ENH4X30*17**	*9MX*0801716A**	1.00	1.00
EHD4X30A**	*8MX*0902116**	1.00	1.00	ENH4X36*17**	*9MX*0801716A**	1.00	1.00
EHD4X36A**	*8MX*0902116**	1.00	0.96	EA*4X30*17A*	*9MV*0601714A**	1.00	1.00
EN(A,D)4X36*21**	*8MX*0902116**	1.00	0.98	EA*4X36*17A*	*9MV*0601714A**	1.00	1.00
EA*4X30*14A*	*8MV*0701412**	0.99	0.99	EHD4X30A**	*9MV*0601714A**	0.99	0.99
EA*4X36*14A*	*8MV*0701412**	1.00	1.00	EHD4X36A**	*9MV*0601714A**	1.02	1.02
EHD4X30A**	*8MV*0701412**	1.00	1.00	EN(A,D)4X30*17**	*9MV*0601714A**	1.00	1.00
EHD4X36A**	*8MV*0701412**	1.00	0.98	EN(A,D,W)4X36*17**	*9MV*0601714A**	1.00	1.00
EN(A,D)4X30*14**	*8MV*0701412**	0.99	0.99	ENH4X30*17**	*9MV*0601714A**	1.00	1.00
EA*4X30*17A*	*8MV*0901716**	1.00	0.98	ENH4X36*17**	*9MV*0601714A**	1.00	1.00
EA*4X36*17A*	*8MV*0901716**	1.00	0.98	EA*4X30*17A*	*9MV*0801716A**	1.00	1.00
EHD4X30A**	*8MV*0901716**	1.00	0.98	EA*4X36*17A*	*9MV*0801716A**	1.01	1.01
EHD4X36A**	*8MV*0901716**	1.00	0.96	EHD4X30A**	*9MV*0801716A**	1.00	1.00
EN(A,D)4X30*17**	*8MV*0901716**	1.00	0.98	EHD4X36A**	*9MV*0801716A**	1.03	1.03
EN(A,D,W)4X36*17**	*8MV*0901716**	1.00	0.98	EN(A,D)4X30*17**	*9MV*0801716A**	1.00	1.00
				EN(A,D,W)4X36*17**	*9MV*0801716A**	1.00	1.00

COOLING MULTIPLIERS FOR COMBINATION RATINGS: N4H430GKF

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
ENH4X30*17**	*9MV*0801716A**	1.00	1.00	EN(A,D)4X30*17**	OLV098A12A	1.00	1.00
ENH4X36*17**	*9MV*0801716A**	1.00	1.00	EN(A,D,W)4X36*17**	OLV098A12A	1.00	1.00
EA*4X36*21A*	*9MV*0802120A**	1.01	1.01	EA*4X36*21A*	OLV112A16A	1.00	0.98
EHD4X30A**	*9MV*0802120A**	1.00	1.00	EN(A,D)4X36*21**	OLV112A16A	1.00	1.00
EHD4X36A**	*9MV*0802120A**	1.03	0.98	EA*4X30*17A*	OMV098J12A	1.00	1.00
EN(A,D)4X36*21**	*9MV*0802120A**	1.01	1.01	EA*4X36*17A*	OMV098J12A	1.00	1.00
EA*4X36*21A*	*9MV*1002120A**	1.01	1.01	EHD4X30A**	OMV098J12A	1.00	1.02
EHD4X30A**	*9MV*1002120A**	0.99	0.99	EHD4X36A**	OMV098J12A	1.00	0.98
EHD4X36A**	*9MV*1002120A**	1.01	0.97	EN(A,D)4X30*17**	OMV098J12A	1.00	1.02
EN(A,D)4X36*21**	*9MV*1002120A**	0.99	0.99	EN(A,D,W)4X36*17**	OMV098J12A	1.00	1.02
EHD4X30A**	*9MV*1202422A**	1.00	1.00	ENH4X30*17**	OMV098J12A	1.00	1.02
EHD4X36A**	*9MV*1202422A**	1.03	0.98	ENH4X36*17**	OMV098J12A	1.00	1.02
EA*4X30*17A*	*9MA*0601714A**	0.99	0.99	EA*4X30*17A*	OMV112K14A	1.00	0.98
EA*4X36*17A*	*9MA*0601714A**	1.00	1.00	EA*4X36*17A*	OMV112K14A	1.00	0.98
EHD4X30A**	*9MA*0601714A**	1.00	1.02	EHD4X30A**	OMV112K14A	1.00	1.00
EHD4X36A**	*9MA*0601714A**	1.00	0.98	EHD4X36A**	OMV112K14A	1.00	0.96
EN(A,D)4X30*17**	*9MA*0601714A**	1.00	1.00	EN(A,D)4X30*17**	OMV112K14A	1.00	0.98
EN(A,D,W)4X36*17**	*9MA*0601714A**	1.00	1.00	EN(A,D,W)4X36*17**	OMV112K14A	1.00	0.98
ENH4X30*17**	*9MA*0601714A**	1.00	1.00	ENH4X30*17**	OMV112K14A	1.00	0.98
ENH4X36*17**	*9MA*0601714A**	1.00	1.00	ENH4X36*17**	OMV112K14A	1.00	0.98
EA*4X30*17A*	*9MA*0801714A**	1.00	1.00	EA*4X30*14A*		1.00	1.06
EA*4X36*17A*	*9MA*0801714A**	1.00	0.98	EA*4X30*14A*	MV08**14C*	0.99	0.99
EHD4X30A**	*9MA*0801714A**	1.00	1.00	EA*4X30*17A*		1.00	1.06
EHD4X36A**	*9MA*0801714A**	1.00	0.98	EA*4X30*17A*	MV12**17C*	1.01	0.96
EN(A,D)4X30*17**	*9MA*0801714A**	1.00	1.00	EA*4X36*14A*		1.00	1.06
EN(A,D,W)4X36*17**	*9MA*0801714A**	1.00	1.00	EA*4X36*14A*	MV08**14C*	1.00	1.00
ENH4X30*17**	*9MA*0801714A**	1.00	1.00	EA*4X36*17A*		1.00	1.06
ENH4X36*17**	*9MA*0801714A**	1.00	1.00	EA*4X36*17A*	MV12**17C*	1.01	0.96
EA*4X36*21A*	*9MA*0802120A**	1.00	0.98	EA*4X36*21A*		1.00	1.06
EHD4X30A**	*9MA*0802120A**	1.00	1.00	EHD4X30A**		1.00	1.06
EHD4X36A**	*9MA*0802120A**	1.00	0.98	EHD4X30A**	MV08**14C*	1.00	1.00
EN(A,D)4X36*21**	*9MA*0802120A**	1.00	0.98	EHD4X30A**	MV12**17C*	1.01	1.01
EA*4X36*21A*	*9MA*1002122A**	1.00	0.96	EHD4X36A**		1.00	1.05
EHD4X30A**	*9MA*1002122A**	1.00	0.98	EHD4X36A**	MV08**14C*	1.02	0.98
EHD4X36A**	*9MA*1002122A**	1.00	0.96	EHD4X36A**	MV12**17C*	1.03	0.98
EN(A,D)4X36*21**	*9MA*1002122A**	1.00	0.98	EMA4X36D**		1.01	1.07
EHD4X30A**	*9MA*1202422A**	1.00	0.98	EN(A,D)4X30*14**		1.00	1.06
EHD4X36A**	*9MA*1202422A**	1.00	0.96	EN(A,D)4X30*14**	MV08**14C*	0.99	0.99
EA*4X36*21A*	*9MA*0602120A**	1.00	0.98	EN(A,D)4X30*17**		1.00	1.06
EHD4X30A**	*9MA*0602120A**	1.00	1.00	EN(A,D)4X30*17**	MV12**17C*	1.01	0.96
EHD4X36A**	*9MA*0602120A**	1.00	0.98	EN(A,D)4X36*21**		1.00	1.06
EN(A,D)4X36*21**	*9MA*0602120A**	1.00	1.00	EN(A,D,W)4X36*17**		1.00	1.06
EA*4X30*17A*	NOMV106D12*	0.99	0.98	EN(A,D,W)4X36*17**	MV12**17C*	1.01	0.96
EA*4X36*17A*	NOMV106D12*	0.99	0.98	ENH4X30*17**		1.00	1.06
EHD4X30A**	NOMV106D12*	0.99	0.99	ENH4X30*17**	MV12**17C*	1.01	0.96
EHD4X36A**	NOMV106D12*	1.00	0.98	ENH4X36*17**		1.00	1.06
EN(A,D)4X30*17**	NOMV106D12*	0.99	0.98	ENH4X36*17**	MV12**17C*	1.01	0.96
EN(A,D,W)4X36*17**	NOMV106D12*	0.99	0.98				
ENH4X30*17**	NOMV106D12*	0.99	0.98				
ENH4X36*17**	NOMV106D12*	0.99	0.98				
EA*4X30*17A*	OLV098A12A	1.00	1.00				
EA*4X36*17A*	OLV098A12A	1.00	1.00				

COOLING MULTIPLIERS FOR COMBINATION RATINGS: N4H436GKF

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
EN(A,D,W)4X42*21**	*9MX*1002120A**	1.05	1.02	EHD4X42A**	*9MA*0602120A**	1.04	1.00
ENH4X42*21**	*9MX*1002120A**	1.05	1.02	EN(A,D)4X36*21**	*9MA*0602120A**	1.01	1.01
EA*4X36*17A*	*9MV*0601714A**	1.02	1.04	EN(A,D,W)4X42*21**	*9MA*0602120A**	1.02	1.00
EHD4X36A**	*9MV*0601714A**	1.04	1.06	ENH4X42*21**	*9MA*0602120A**	1.02	1.00
EHD4X42A**	*9MV*0601714A**	1.05	1.02	EA*4X36*17A*	NOMV106D12*	1.02	1.02
EN(A,D,W)4X36*17**	*9MV*0601714A**	1.02	1.04	EHD4X36A**	NOMV106D12*	1.04	1.01
END4X42*17**	*9MV*0601714A**	1.04	1.05	EHD4X42A**	NOMV106D12*	1.04	1.00
ENH4X36*17**	*9MV*0601714A**	1.02	1.04	EN(A,D,W)4X36*17**	NOMV106D12*	1.01	1.01
EA*4X36*17A*	*9MV*0801716A**	1.02	1.04	END4X42*17**	NOMV106D12*	1.03	1.00
EHD4X36A**	*9MV*0801716A**	1.05	1.02	ENH4X36*17**	NOMV106D12*	1.01	1.01
EHD4X42A**	*9MV*0801716A**	1.05	1.03	EA*4X36*21A*	NOMV156E19*	1.02	1.00
EN(A,D,W)4X36*17**	*9MV*0801716A**	1.02	1.04	EA*4X42*21A*	NOMV156E19*	1.03	0.99
END4X42*17**	*9MV*0801716A**	1.04	1.02	EHD4X36A**	NOMV156E19*	1.04	1.00
ENH4X36*17**	*9MV*0801716A**	1.02	1.04	EHD4X42A**	NOMV156E19*	1.05	1.00
EA*4X36*21A*	*9MV*0802120A**	1.03	1.00	EN(A,D)4X36*21**	NOMV156E19*	1.02	0.99
EA*4X42*21A*	*9MV*0802120A**	1.04	1.01	EN(A,D,W)4X42*21**	NOMV156E19*	1.03	1.00
EHD4X36A**	*9MV*0802120A**	1.04	1.02	ENH4X42*21**	NOMV156E19*	1.03	1.00
EHD4X42A**	*9MV*0802120A**	1.05	1.03	EA*4X36*17A*	OLV098A12A	1.02	1.04
EN(A,D)4X36*21**	*9MV*0802120A**	1.02	0.99	EN(A,D,W)4X36*17**	OLV098A12A	1.01	1.03
EN(A,D,W)4X42*21**	*9MV*0802120A**	1.03	1.00	END4X42*17**	OLV098A12A	1.03	1.03
ENH4X42*21**	*9MV*0802120A**	1.03	1.00	EA*4X36*21A*	OLV112A16A	1.03	1.03
EA*4X36*21A*	*9MV*1002120A**	1.03	1.00	EA*4X42*21A*	OLV112A16A	1.04	1.01
EA*4X42*21A*	*9MV*1002120A**	1.04	1.01	EN(A,D)4X36*21**	OLV112A16A	1.02	1.02
EHD4X36A**	*9MV*1002120A**	1.04	1.02	EN(A,D,W)4X42*21**	OLV112A16A	1.04	1.04
EHD4X42A**	*9MV*1002120A**	1.05	0.99	EA*4X42*24A*	OLV154F20A	1.06	1.02
EN(A,D)4X36*21**	*9MV*1002120A**	1.02	0.99	EA*4X36*17A*	OMV098J12A	1.02	1.04
EN(A,D,W)4X42*21**	*9MV*1002120A**	1.03	1.00	EHD4X36A**	OMV098J12A	1.04	1.04
ENH4X42*21**	*9MV*1002120A**	1.03	1.00	EHD4X42A**	OMV098J12A	1.05	1.05
EA*4X42*24A*	*9MV*1202422A**	1.04	1.01	EN(A,D,W)4X36*17**	OMV098J12A	1.02	1.04
EHD4X36A**	*9MV*1202422A**	1.05	1.02	END4X42*17**	OMV098J12A	1.04	1.04
EHD4X42A**	*9MV*1202422A**	1.05	1.03	ENH4X36*17**	OMV098J12A	1.02	1.04
EA*4X36*17A*	*9MA*0601714A**	1.01	1.01	EA*4X36*17A*	OMV112K14A	1.02	1.02
EHD4X36A**	*9MA*0601714A**	1.03	1.00	EHD4X36A**	OMV112K14A	1.05	1.02
EHD4X42A**	*9MA*0601714A**	1.04	1.01	EHD4X42A**	OMV112K14A	1.05	1.01
EN(A,D,W)4X36*17**	*9MA*0601714A**	1.01	1.01	EN(A,D,W)4X36*17**	OMV112K14A	1.02	1.02
END4X42*17**	*9MA*0601714A**	1.02	1.02	END4X42*17**	OMV112K14A	1.04	1.02
ENH4X36*17**	*9MA*0601714A**	1.01	1.01	ENH4X36*17**	OMV112K14A	1.02	1.02
EA*4X36*17A*	*9MA*0801714A**	1.01	1.01	EA*4X42*24A*	OMV154L20A	1.04	0.99
EHD4X36A**	*9MA*0801714A**	1.04	1.01	EHD4X36A**	OMV154L20A	1.05	1.00
EHD4X42A**	*9MA*0801714A**	1.04	1.00	EHD4X42A**	OMV154L20A	1.05	0.99
EN(A,D,W)4X36*17**	*9MA*0801714A**	1.01	1.01	EA*4X36*14A*		1.02	1.06
END4X42*17**	*9MA*0801714A**	1.03	1.00	EA*4X36*14A*	MV08**14C*	1.02	1.00
ENH4X36*17**	*9MA*0801714A**	1.01	1.01	EA*4X36*17A*		1.02	1.07
EA*4X36*21A*	*9MA*0802120A**	1.02	0.98	EA*4X36*17A*	MV12**17C*	1.03	1.00
EA*4X42*21A*	*9MA*0802120A**	1.03	0.99	EA*4X36*21A*		1.02	1.07
EHD4X36A**	*9MA*0802120A**	1.04	1.00	EA*4X36*21A*	MV16**21C*	1.04	1.01
EHD4X42A**	*9MA*0802120A**	1.05	0.98	EA*4X42*21A*		1.04	1.08
EN(A,D)4X36*21**	*9MA*0802120A**	1.02	0.99	EA*4X42*21A*	MV16**21C*	1.04	1.02
EN(A,D,W)4X42*21**	*9MA*0802120A**	1.03	0.99	EA*4X42*24A*		1.04	1.08
ENH4X42*21**	*9MA*0802120A**	1.03	0.99	EA*4X42*24A*	MV20**24C*	1.04	0.97
EA*4X36*21A*	*9MA*1002122A**	1.02	0.98	EHD4X36A**		1.05	1.08
EA*4X42*21A*	*9MA*1002122A**	1.03	0.99	EHD4X36A**	MV08**14C*	1.05	1.02
EHD4X36A**	*9MA*1002122A**	1.05	1.00	EHD4X36A**	MV12**17C*	1.05	0.99
EHD4X42A**	*9MA*1002122A**	1.05	0.99	EHD4X36A**	MV16**21C*	1.05	0.99
EN(A,D)4X36*21**	*9MA*1002122A**	1.02	1.00	EHD4X36A**	MV20**24C*	1.05	0.99
EN(A,D,W)4X42*21**	*9MA*1002122A**	1.04	0.99	EHD4X42A**		1.05	1.09
ENH4X42*21**	*9MA*1002122A**	1.04	0.99	EHD4X42A**	MV08**14C*	1.05	0.99
EA*4X42*24A*	*9MA*1202422A**	1.03	0.99	EHD4X42A**	MV12**17C*	1.06	0.99
EHD4X36A**	*9MA*1202422A**	1.04	1.00	EHD4X42A**	MV16**21C*	1.06	0.99
EHD4X42A**	*9MA*1202422A**	1.05	1.00	EHD4X42A**	MV20**24C*	1.05	0.99
EA*4X36*21A*	*9MA*0602120A**	1.02	0.99	EMA4X36D**		1.02	1.09
EA*4X42*21A*	*9MA*0602120A**	1.02	1.00	EN(A,D)4X36*21**		1.02	1.07
EHD4X36A**	*9MA*0602120A**	1.04	1.01	EN(A,D)4X36*21**	MV16**21C*	1.03	1.00

COOLING MULTIPLIERS FOR COMBINATION RATINGS: N4H436GKF

Cooling Indoor Model	Furnace Model	Capacity	Power
EN(A,D,W)4X36*17**		1.02	1.07
EN(A,D,W)4X36*17**	MV12**17C*	1.03	1.00
EN(A,D,W)4X42*21**		1.04	1.08
EN(A,D,W)4X42*21**	MV16**21C*	1.04	1.02
END4X42*17**		1.05	1.08
END4X42*17**	MV12**17C*	1.05	0.98
ENH4X36*17**		1.02	1.07
ENH4X36*17**	MV12**17C*	1.03	1.00
ENH4X42*21**		1.04	1.08
ENH4X42*21**	MV16**21C*	1.04	1.02

COOLING MULTIPLIERS FOR COMBINATION RATINGS: N4H42GKF

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
EN(A,D,W)4X42*21**	*9MX*1002120A**	0.96	0.98	EA*4X48*24A*	*9MA*1202422A**	0.98	0.98
EN(A,D,W)4X48*21**	*9MX*1002120A**	0.99	0.99	EHD4X42A**	*9MA*1202422A**	0.98	0.98
ENH4X42*21**	*9MX*1002120A**	0.96	0.98	EHD4X48A**	*9MA*1202422A**	0.99	0.99
ENH4X48*21**	*9MX*1002120A**	0.99	0.99	EN(A,D)4X48*24**	*9MA*1202422A**	0.98	0.98
EA*4X42*24A*	*9MX*1202422A**	0.98	0.99	EA*4X42*21A*	*9MA*0602120A**	0.95	0.98
EA*4X48*24A*	*9MX*1202422A**	0.99	0.99	EA*4X48*21A*	*9MA*0602120A**	0.96	0.98
EHD4X42A**	*9MX*1202422A**	0.99	0.99	EHD4X42A**	*9MA*0602120A**	0.98	0.99
EHD4X48A**	*9MX*1202422A**	1.00	1.00	EHD4X48A**	*9MA*0602120A**	0.98	0.99
EN(A,D)4X48*24**	*9MX*1202422A**	0.99	0.99	EN(A,D,W)4X42*21**	*9MA*0602120A**	0.95	0.98
EA*4X48*17A*	*9MV*0601714A**	0.98	1.02	EN(A,D,W)4X48*21**	*9MA*0602120A**	0.98	0.99
EHD4X42A**	*9MV*0601714A**	0.98	1.02	ENH4X42*21**	*9MA*0602120A**	0.95	0.98
EHD4X48A**	*9MV*0601714A**	0.98	1.02	ENH4X48*21**	*9MA*0602120A**	0.98	0.99
END4X42*17**	*9MV*0601714A**	0.96	1.01	EA*4X42*21A*	NOMV156E19*	0.96	0.98
EA*4X48*17A*	*9MV*0801716A**	0.98	1.02	EA*4X48*21A*	NOMV156E19*	0.98	0.98
EHD4X42A**	*9MV*0801716A**	0.98	1.02	EHD4X42A**	NOMV156E19*	0.98	0.98
EHD4X48A**	*9MV*0801716A**	0.99	1.03	EHD4X48A**	NOMV156E19*	0.99	0.99
END4X42*17**	*9MV*0801716A**	0.96	1.01	EN(A,D,W)4X42*21**	NOMV156E19*	0.96	0.98
EA*4X42*21A*	*9MV*0802120A**	0.96	1.01	EN(A,D,W)4X48*21**	NOMV156E19*	0.98	0.98
EA*4X48*21A*	*9MV*0802120A**	0.98	0.98	ENH4X42*21**	NOMV156E19*	0.96	0.98
EHD4X42A**	*9MV*0802120A**	0.99	0.99	ENH4X48*21**	NOMV156E19*	0.98	0.98
EHD4X48A**	*9MV*0802120A**	0.99	0.99	EA*4X42*21A*	OLV112A16A	0.96	1.01
EN(A,D,W)4X42*21**	*9MV*0802120A**	0.96	1.01	EA*4X48*21A*	OLV112A16A	0.98	1.00
EN(A,D,W)4X48*21**	*9MV*0802120A**	0.99	0.99	EN(A,D,W)4X42*21**	OLV112A16A	0.96	1.01
ENH4X42*21**	*9MV*0802120A**	0.96	1.01	EN(A,D,W)4X48*21**	OLV112A16A	0.99	1.01
ENH4X48*21**	*9MV*0802120A**	0.99	0.99	EA*4X42*24A*	OLV154F20A	0.99	1.01
EA*4X42*21A*	*9MV*1002120A**	0.96	1.01	EA*4X48*24A*	OLV154F20A	1.00	1.00
EA*4X48*21A*	*9MV*1002120A**	0.98	0.98	EN(A,D)4X48*24**	OLV154F20A	1.00	1.00
EHD4X42A**	*9MV*1002120A**	0.99	0.99	EA*4X48*17A*	OMV112K14A	0.99	1.01
EHD4X48A**	*9MV*1002120A**	0.99	0.99	EHD4X42A**	OMV112K14A	0.99	1.01
EN(A,D,W)4X42*21**	*9MV*1002120A**	0.96	1.01	EHD4X48A**	OMV112K14A	0.99	1.01
EN(A,D,W)4X48*21**	*9MV*1002120A**	0.99	0.99	END4X42*17**	OMV112K14A	0.96	0.99
ENH4X42*21**	*9MV*1002120A**	0.96	1.01	EA*4X42*24A*	OMV154L20A	0.96	0.96
ENH4X48*21**	*9MV*1002120A**	0.99	0.99	EA*4X48*24A*	OMV154L20A	0.98	0.98
EA*4X42*24A*	*9MV*1202422A**	0.96	1.01	EHD4X42A**	OMV154L20A	0.99	0.97
EA*4X48*24A*	*9MV*1202422A**	0.99	0.99	EHD4X48A**	OMV154L20A	0.99	0.97
EHD4X42A**	*9MV*1202422A**	0.99	0.99	EN(A,D)4X48*24**	OMV154L20A	0.99	0.97
EHD4X48A**	*9MV*1202422A**	0.99	0.99	EA*4X42*21A*	MV16**21C*	0.98	0.98
EN(A,D)4X48*24**	*9MV*1202422A**	0.99	0.99	EA*4X42*24A*	MV20**24C*	0.98	0.98
EA*4X48*17A*	*9MA*0801714A**	0.96	0.99	EA*4X48*17A*	MV12**17C*	0.99	1.03
EHD4X42A**	*9MA*0601714A**	0.98	1.00	EA*4X48*17A*	MV12**17C*	0.99	0.99
EHD4X48A**	*9MA*0601714A**	0.98	1.00	EA*4X48*21A*	MV16**21C*	0.99	1.03
END4X42*17**	*9MA*0601714A**	0.96	1.01	EA*4X48*21A*	MV16**21C*	0.99	0.99
EA*4X48*17A*	*9MA*0801714A**	0.98	0.99	EA*4X48*24A*	MV16**21C*	0.99	1.03
EHD4X42A**	*9MA*0801714A**	0.98	0.99	EA*4X48*24A*	MV20**24C*	0.99	0.99
EHD4X48A**	*9MA*0801714A**	0.98	0.99	EHD4X42A**	MV20**24C*	0.99	1.03
END4X42*17**	*9MA*0801714A**	0.96	0.99	EHD4X42A**	MV12**17C*	0.99	0.99
EA*4X42*21A*	*9MA*0802120A**	0.96	0.98	EHD4X42A**	MV16**21C*	1.00	1.00
EA*4X48*21A*	*9MA*0802120A**	0.98	0.98	EHD4X42A**	MV20**24C*	0.99	0.99
EHD4X42A**	*9MA*0802120A**	0.98	0.98	EHD4X48A**	MV12**17C*	1.00	1.05
EHD4X48A**	*9MA*0802120A**	0.99	0.99	EHD4X48A**	MV12**17C*	1.00	1.00
EN(A,D,W)4X42*21**	*9MA*0802120A**	0.96	0.98	EHD4X48A**	MV16**21C*	1.00	1.00
EN(A,D,W)4X48*21**	*9MA*0802120A**	0.98	0.98	EHD4X48A**	MV20**24C*	0.99	0.99
ENH4X42*21**	*9MA*0802120A**	0.96	0.98	EN(A,D)4X48*24**	MV20**24C*	0.99	1.05
ENH4X48*21**	*9MA*0802120A**	0.98	0.98	EN(A,D)4X48*24**	MV20**24C*	0.99	0.99
EA*4X42*21A*	*9MA*1002122A**	0.96	0.98	EN(A,D,W)4X42*21**	MV16**21C*	0.98	0.98
EA*4X48*21A*	*9MA*1002122A**	0.98	0.98	EN(A,D,W)4X48*21**	MV16**21C*	0.99	1.05
EHD4X42A**	*9MA*1002122A**	0.99	0.99	EN(A,D,W)4X48*21**	MV16**21C*	0.99	0.99
EHD4X48A**	*9MA*1002122A**	0.99	0.97	END4X42*17**	MV12**17C*	0.98	1.04
EN(A,D,W)4X42*21**	*9MA*1002122A**	0.96	0.98	END4X42*17**	MV12**17C*	0.98	1.02
EN(A,D,W)4X48*21**	*9MA*1002122A**	0.99	0.97	ENH4X42*21**	MV16**21C*	0.98	0.98
ENH4X42*21**	*9MA*1002122A**	0.96	0.98	ENH4X48*21**	MV16**21C*	0.99	1.05
ENH4X48*21**	*9MA*1002122A**	0.99	0.97	ENH4X48*21**	MV16**21C*	0.99	0.99
EA*4X42*24A*	*9MA*1202422A**	0.96	0.98				

EXPANDED COOLING PERFORMANCE RATINGS For Outdoor / Indoor Models

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N4H448GKF Outdoor With FEM4X60**B* Indoor Cooling

Table with columns for CFM, Outdoor Ambient Temperature (75, 85, 95, 105, 115), and Entering Indoor Temperature (72, 67, 63††, 62, 57) for various indoor models (1400, 1600, 1800 CFM). Includes rows for MBH†, S/T†, AMPS*, HI PR, and LO PR.

† Total capacities are net (I.D blower heat subtracted) system capacities based on 25' line set.

If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps

‡ S/T are based on 80 F db entering air at the indoor coil. For sensible capacities at other than 80 F db, deduct 835 Btu/h per 1000 cfm of indoor coil air from MBhxS/T for each degree below 80 F, or add 835 Btu/h per 1000 cfm of indoor coil air from MBhxS/T for each degree above 80 F

†† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

COOLING MULTIPLIERS FOR COMBINATION RATINGS: N4H448GKF

Table with columns for Cooling Indoor Model, Furnace Model, Capacity, Power, and two sets of Cooling Indoor Model, Furnace Model, Capacity, Power. Lists various indoor models and their corresponding multipliers.

COOLING MULTIPLIERS FOR COMBINATION RATINGS: N4H448GKF

Cooling Indoor Model	Furnace Model	Capacity	Power
EHD4X48A**	*9MV*1002120A**	0.98	1.02
EHD4X60A**	*9MV*1002120A**	1.00	1.05
EN(A,D,W)4X48*21**	*9MV*1002120A**	0.97	1.01
ENH4X48*21**	*9MV*1002120A**	0.97	1.01
EA*4X48*24A*	*9MV*1202422A**	0.97	1.01
EA*4X60*24A*	*9MV*1202422A**	0.99	1.03
EHD4X48A**	*9MV*1202422A**	0.98	1.02
EHD4X60A**	*9MV*1202422A**	1.00	1.05
EN(A,D)4X48*24**	*9MV*1202422A**	0.98	1.02
EN(A,D,W)4X60*24**	*9MV*1202422A**	0.99	1.03
ENH4X60*24**	*9MV*1202422A**	0.99	1.03
EA*4X48*21A*	*9MA*0802120A**	0.96	1.00
EA*4X60*21A*	*9MA*0802120A**	0.98	1.00
EHD4X48A**	*9MA*0802120A**	0.97	1.01
EHD4X60A**	*9MA*0802120A**	0.99	1.02
EN(A,D,W)4X48*21**	*9MA*0802120A**	0.97	1.01
ENH4X48*21**	*9MA*0802120A**	0.97	1.01
EA*4X48*21A*	*9MA*1002122A**	0.97	1.01
EA*4X60*21A*	*9MA*1002122A**	0.99	1.02
EHD4X48A**	*9MA*1002122A**	0.98	1.02
EHD4X60A**	*9MA*1002122A**	1.00	1.00
EN(A,D,W)4X48*21**	*9MA*1002122A**	0.97	1.01
ENH4X48*21**	*9MA*1002122A**	0.97	1.01
EA*4X48*24A*	*9MA*1202422A**	0.96	1.00
EA*4X60*24A*	*9MA*1202422A**	0.99	1.02
EHD4X48A**	*9MA*1202422A**	0.97	1.01
EHD4X60A**	*9MA*1202422A**	0.99	1.02
EN(A,D)4X48*24**	*9MA*1202422A**	0.97	1.01
EN(A,D,W)4X60*24**	*9MA*1202422A**	0.98	1.00
ENH4X60*24**	*9MA*1202422A**	0.98	1.00
EA*4X48*21A*	*9MA*0602120A**	0.96	1.02
EA*4X60*21A*	*9MA*0602120A**	0.98	1.02
EHD4X48A**	*9MA*0602120A**	0.97	1.01
EHD4X60A**	*9MA*0602120A**	0.98	1.02
EN(A,D,W)4X48*21**	*9MA*0602120A**	0.96	1.00
ENH4X48*21**	*9MA*0602120A**	0.96	1.00
EA*4X48*21A*	NOMV156E19*	0.97	1.01
EA*4X60*21A*	NOMV156E19*	0.99	1.03
EHD4X48A**	NOMV156E19*	0.98	1.02
EHD4X60A**	NOMV156E19*	0.99	1.03
EN(A,D,W)4X48*21**	NOMV156E19*	0.97	1.01
ENH4X48*21**	NOMV156E19*	0.97	1.01
EA*4X48*24A*	OLV154F20A	0.99	1.05
EA*4X60*24A*	OLV154F20A	1.01	1.06
EN(A,D)4X48*24**	OLV154F20A	0.99	1.05
EN(A,D,W)4X60*24**	OLV154F20A	1.01	1.06
EA*4X48*24A*	OMV154L20A	0.97	1.01
EA*4X60*24A*	OMV154L20A	0.99	1.03

Cooling Indoor Model	Furnace Model	Capacity	Power
EHD4X48A**	OMV154L20A	0.98	1.02
EHD4X60A**	OMV154L20A	1.00	1.03
EN(A,D)4X48*24**	OMV154L20A	0.98	1.02
EN(A,D,W)4X60*24**	OMV154L20A	0.99	1.03
ENH4X60*24**	OMV154L20A	0.99	1.02
EA*4X48*17A*		0.97	1.03
EA*4X48*21A*	MV16**21C*	0.98	1.02
EA*4X48*24A*	MV20**24C*	0.97	1.01
EA*4X60*21A*		1.00	1.06
EA*4X60*21A*	MV16**21C*	1.00	1.00
EA*4X60*24A*		1.00	1.06
EA*4X60*24A*	MV20**24C*	0.99	0.99
EHD4X48A**		0.99	1.08
EHD4X48A**	MV16**21C*	0.99	1.03
EHD4X48A**	MV20**24C*	0.98	1.02
EHD4X60A**		1.00	1.06
EHD4X60A**	MV16**21C*	1.00	1.00
EHD4X60A**	MV20**24C*	1.00	1.00
EN(A,D)4X48*24**		0.98	1.07
EN(A,D)4X48*24**	MV20**24C*	0.98	1.02
EN(A,D,W)4X48*21**		0.98	1.07
EN(A,D,W)4X48*21**	MV16**21C*	0.98	1.02
EN(A,D,W)4X60*24**		1.00	1.06
EN(A,D,W)4X60*24**	MV20**24C*	0.99	0.99
ENH4X48*21**		0.98	1.07
ENH4X48*21**	MV16**21C*	0.98	1.02
ENH4X60*24**		1.00	1.06
ENH4X60*24**	MV20**24C*	0.99	0.99

EXPANDED COOLING PERFORMANCE RATINGS For Outdoor / Indoor Models

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N4H460GKF Outdoor With FEM4X60B* Indoor Cooling**

Outdoor Ambient Temperature - Degrees F, Dry Bulb

75 85 95 105 115

Entering Indoor Temperature - Degrees F, Wet Bulb

CFM		75										85					95					105					115				
		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57					
1750	MBh†	70.73	64.53	59.98	58.84	56.42	67.52	61.60	57.26	56.19	54.34	64.13	58.50	54.38	53.40	52.13	60.51	55.17	51.29	50.44	49.74	56.62	51.62	47.98	47.46	47.11					
	S/T‡	0.51	0.69	0.72	0.90	1.00	0.52	0.70	0.73	0.92	1.00	0.53	0.72	0.75	0.94	1.00	0.54	0.74	0.76	0.96	1.00	0.55	0.76	0.79	0.98	1.00					
	AMPS*	18.49	18.16	17.92	17.87	17.75	20.37	20.02	19.77	19.72	19.62	22.47	22.12	21.86	21.81	21.74	24.85	24.49	24.24	24.19	24.15	27.57	27.22	26.98	26.95	26.93					
	HI PR	293	287	283	282	280	337	331	326	325	323	385	378	373	372	371	437	430	424	423	422	493	486	480	479	479					
	LO PR	152	139	129	127	122	154	141	131	129	125	157	143	133	131	128	159	146	135	134	132	162	148	138	137	136					
2000	MBh†	72.07	65.81	61.24	60.17	58.79	68.70	62.75	58.38	57.44	56.55	65.16	59.47	55.35	54.58	54.17	61.41	56.03	52.15	51.68	51.61	57.36	52.34	48.70	48.87	48.81					
	S/T‡	0.53	0.72	0.75	0.94	1.00	0.54	0.74	0.76	0.96	1.00	0.54	0.75	0.78	0.98	1.00	0.56	0.78	0.80	1.00	1.00	0.57	0.80	0.82	1.00	1.00					
	AMPS*	18.87	18.52	18.28	18.23	18.16	20.74	20.39	20.13	20.09	20.04	22.84	22.48	22.22	22.18	22.15	25.22	24.85	24.60	24.57	24.57	27.92	27.57	27.33	27.34	27.34					
	HI PR	295	289	285	284	282	339	333	328	327	326	387	380	375	374	374	438	431	426	425	425	495	487	482	482	482					
	LO PR	156	142	132	130	127	158	144	134	132	130	160	146	136	135	134	162	149	138	137	137	165	151	140	142	141					
2250	MBh†	73.06	66.76	62.17	61.32	60.75	69.59	63.58	59.22	58.51	58.38	65.93	60.23	56.09	55.92	55.86	62.05	56.67	52.78	53.21	53.13	57.90	52.87	49.24	50.22	50.18					
	S/T‡	0.54	0.75	0.78	0.98	1.00	0.55	0.77	0.79	1.00	1.00	0.56	0.79	0.81	1.00	1.00	0.57	0.81	0.84	1.00	1.00	0.59	0.84	0.86	1.00	1.00					
	AMPS*	19.23	18.87	18.62	18.59	18.56	21.10	20.74	20.48	20.44	20.44	23.20	22.83	22.56	22.56	22.55	25.56	25.20	24.94	24.97	24.96	28.27	27.91	27.66	27.73	27.73					
	HI PR	296	290	286	285	284	340	334	329	328	328	388	381	376	376	376	440	433	427	428	428	496	488	483	484	484					
	LO PR	158	145	135	133	132	160	147	136	135	135	163	149	138	139	138	165	151	140	142	142	167	153	143	146	146					

† Total capacities are net (I.D blower heat subtracted) system capacities based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
* System amps are total of indoor and outdoor amps
‡ S/T are based on 80 F db entering air at the indoor coil. For sensible capacities at other than 80 F db, deduct 835 Btu/h per 1000 cfm of indoor coil air from MBh/S/T for each degree below 80 F, or add 835 Btu/h per 1000 cfm of indoor coil air from MBh/S/T for each degree above 80 F
†† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

COOLING MULTIPLIERS FOR COMBINATION RATINGS: N4H460GKF

Cooling Indoor Model	Furnace Model	Capacity	Power	Cooling Indoor Model	Furnace Model	Capacity	Power
*FXM4X60**A*		1.00	1.00	ENH4X60*24**	*9MX*1202422A**	0.97	1.02
FCM4X60****		1.00	1.00	EA*4X60*21A*	*9MV*1002120A**	0.97	1.02
FEM4X60**A*		1.00	1.05	EHD4X60A**	*9MV*1002120A**	0.98	1.03
FVM4X60****		1.00	1.00	EHD4X60A**	*9MA*0802120A**	0.97	1.02
EA*4X60*21A*	*8MX*1102120**	0.98	1.01	EA*4X60*21A*	*9MA*1002122A**	0.97	1.02
EHD4X60A**	*8MX*1102120**	0.98	1.01	EHD4X60A**	*9MA*1002122A**	0.98	1.01
EA*4X60*24A*	*8MX*1352420**	0.97	1.02	EA*4X60*24A*	*9MA*1202422A**	0.97	1.02
EHD4X60A**	*8MX*1352420**	0.98	1.01	EHD4X60A**	*9MA*1202422A**	0.98	1.01
EN(A,D,W)4X60*24**	*8MX*1352420**	0.97	1.00	EN(A,D,W)4X60*24**	*9MA*1202422A**	0.97	1.02
ENH4X60*24**	*8MX*1352420**	0.97	1.00	ENH4X60*24**	*9MA*1202422A**	0.97	1.02
EA*4X60*21A*	*8MV*1102120**	0.97	1.02	EA*4X60*21A*		0.98	1.05
EHD4X60A**	*8MV*1102120**	0.98	1.03	EA*4X60*21A*	MV16**21C*	0.98	1.03
EA*4X60*24A*	*8MV*1352422**	0.98	1.01	EA*4X60*24A*		0.98	1.05
EHD4X60A**	*8MV*1352422**	0.98	1.01	EA*4X60*24A*	MV20**24C*	0.98	1.03
EN(A,D,W)4X60*24**	*8MV*1352422**	0.98	1.01	EHD4X60A**		0.98	1.03
ENH4X60*24**	*8MV*1352422**	0.98	1.01	EHD4X60A**	MV16**21C*	0.99	1.04
EHD4X60A**	*9MX*0802120A**	0.97	1.02	EHD4X60A**	MV20**24C*	0.98	1.03
EHD4X60A**	*9MX*1002120A**	0.98	1.03	EN(A,D,W)4X60*24**	EN(A,D,W)4X60*24**	0.97	1.02
EA*4X60*24A*	*9MX*1202422A**	0.97	1.02	EN(A,D,W)4X60*24**	MV20**24C*	0.98	1.03
EHD4X60A**	*9MX*1202422A**	0.98	1.01	ENH4X60*24**		0.97	1.02
EN(A,D,W)4X60*24**	*9MX*1202422A**	0.97	1.02	ENH4X60*24**	MV20**24C*	0.98	1.03

EXPANDED HEATING PERFORMANCE RATINGS For Outdoor / Indoor Models

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

N4H418GKF Outdoor With FEM4P18A* Indoor Heating**

		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
525	MBht	5.26	4.98	4.65	7.45	7.15	6.83	9.80	9.49	9.15	12.54	12.28	11.98	15.07	14.79	14.49	17.87	17.54	17.21	21.00	20.61	20.22	24.20	23.84	23.47
	T/R	9.60	9.10	8.50	13.60	13.00	12.40	17.90	17.30	16.60	22.90	22.40	21.80	27.50	27.00	26.40	32.70	32.00	31.30	38.40	37.60	36.80	44.20	43.50	42.70
	AMPS*	4.49	4.69	4.90	4.73	4.94	5.17	4.96	5.20	5.44	5.25	5.50	5.77	5.51	5.79	6.07	5.85	6.13	6.43	6.27	6.57	6.88	6.66	6.99	7.33
	HI PR	218	233	249	233	249	265	250	267	284	272	289	308	293	312	330	319	338	357	350	368	388	377	397	418
	LO PR	40	40	40	51	51	51	63	63	64	76	77	77	92	93	93	110	110	111	130	130	131	150	151	152
600	MBht	5.36	5.08	4.74	7.56	7.27	6.95	9.95	9.64	9.31	12.70	12.45	12.16	15.26	14.98	14.69	18.13	17.80	17.46	21.35	20.95	20.55	24.32	24.01	23.68
	T/R	8.60	8.10	7.50	12.10	11.60	11.10	15.90	15.40	14.80	20.30	19.90	19.30	24.40	23.90	23.40	29.00	28.40	27.80	34.10	33.40	32.70	38.90	38.30	37.70
	AMPS*	4.51	4.71	4.92	4.72	4.94	5.16	4.93	5.16	5.40	5.17	5.43	5.70	5.41	5.68	5.96	5.72	6.00	6.29	6.10	6.39	6.70	6.40	6.73	7.06
	HI PR	215	230	246	229	245	261	244	261	278	263	281	299	283	301	320	307	325	345	335	354	373	357	378	398
	LO PR	40	40	40	50	51	51	63	63	63	76	77	77	92	92	93	109	110	111	129	130	130	147	149	150
672	MBht	5.44	5.16	4.83	7.65	7.37	7.05	10.07	9.77	9.43	12.83	12.58	12.30	15.42	15.14	14.85	18.32	18.00	17.67	21.55	21.20	20.81	24.32	24.05	23.75
	T/R	7.80	7.30	6.90	10.90	10.50	10.00	14.40	13.90	13.40	18.30	17.90	17.50	22.00	21.60	21.10	26.20	25.60	25.10	30.80	30.20	29.60	34.70	34.30	33.70
	AMPS*	4.53	4.73	4.94	4.72	4.94	5.17	4.91	5.15	5.39	5.13	5.39	5.66	5.35	5.61	5.90	5.63	5.91	6.20	5.95	6.26	6.58	6.22	6.55	6.88
	HI PR	212	228	244	225	241	258	239	256	273	256	275	293	275	293	312	297	316	335	322	342	362	343	363	384
	LO PR	40	40	40	50	51	51	63	63	63	76	76	77	92	92	93	109	110	110	128	129	130	145	146	148

† Total capacities are net (I.D blower heat added) system capacities based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
* System amps are total of indoor and outdoor amps
T/R - Temp Rise is based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in Temp Rise may occur.

HEATING MULTIPLIERS FOR COMBINATION RATINGS: N4H418GKF

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
*FEM4X18**B*		1.00	1.00	EN(A,D)4X18*14**	*9MV*0401410A**	1.00	1.04
FCM4X24****		0.99	0.97	EN(A,D)4X24*14**	*9MV*0401410A**	1.00	1.01
FEA4X18**A*		1.00	1.00	EA*4X24*17A*	*9MV*0601714A**	1.00	0.97
FEA4X24**A*		1.00	0.97	EHD4X24A**	*9MV*0601714A**	0.99	1.00
FEM4P18**A*		1.00	0.99	EN(A,D)4X24*17**	*9MV*0601714A**	1.00	0.98
FEM4P24**A*		1.00	1.00	ENH4X24*17**	*9MV*0601714A**	1.00	0.98
FEM4X18**A*		1.00	0.99	EA*4X24*17A*	*9MV*0801716A**	1.01	0.96
FEM4X24**A*		1.00	0.98	EHD4X24A**	*9MV*0801716A**	1.00	0.99
FEM4X24**B*		1.00	1.00	EN(A,D)4X24*17**	*9MV*0801716A**	1.00	0.97
FS(M,U)4P18**A*		1.02	1.06	ENH4X24*17**	*9MV*0801716A**	1.00	0.97
FS(M,U)4P24**A*		1.02	1.05	EHD4X24A**	*9MV*0802120A**	1.01	0.97
FVM4X24****		0.99	0.97	EHD4X24A**	*9MV*1002120A**	1.01	0.96
FXM4X18**A*		1.00	0.96	EHD4X24A**	*9MV*1202422A**	1.01	0.97
FXM4X24**A*		1.01	0.97	EA*4X24*17A*	*9MA*0601714A**	0.99	1.00
EA*4X18*14A*	*8MX*0451408**	0.99	1.00	EHD4X24A**	*9MA*0601714A**	0.99	0.99
EA*4X24*14A*	*8MX*0451408**	1.00	0.98	EN(A,D)4X24*17**	*9MA*0601714A**	0.99	0.99
EHD4X24A**	*8MX*0451408**	1.00	0.98	ENH4X24*17**	*9MA*0601714A**	0.99	0.99
EN(A,D)4X18*14**	*8MX*0451408**	0.99	1.00	EA*4X24*17A*	*9MA*0801714A**	0.98	1.00
EN(A,D)4X24*14**	*8MX*0451408**	1.00	0.98	EHD4X24A**	*9MA*0801714A**	0.98	0.99
EA*4X18*14A*	*8MV*0701412**	0.98	1.02	EN(A,D)4X24*17**	*9MA*0801714A**	0.98	0.99
EA*4X24*14A*	*8MV*0701412**	0.98	1.00	ENH4X24*17**	*9MA*0801714A**	0.98	0.99
EHD4X24A**	*8MV*0701412**	0.99	0.99	EHD4X24A**	*9MA*0602120A**	0.99	0.99
EN(A,D)4X18*14**	*8MV*0701412**	0.98	1.00	EA*4X24*17A*	NOMV106D12*	0.99	0.98
EN(A,D)4X24*14**	*8MV*0701412**	0.99	0.99	EHD4X24A**	NOMV106D12*	0.99	0.98
EA*4X24*17A*	*8MV*0901716**	0.98	0.99	EN(A,D)4X24*17**	NOMV106D12*	0.99	0.98
EHD4X24A**	*8MV*0901716**	0.99	0.99	ENH4X24*17**	NOMV106D12*	0.99	0.98
EN(A,D)4X24*17**	*8MV*0901716**	0.99	0.99	EA*4X24*17A*	OLV098A12A	1.00	0.97
ENH4X24*17**	*8MV*0901716**	0.99	0.99	EN(A,D)4X24*17**	OLV098A12A	1.01	0.97
EA*4X18*14A*	*9MX*0401410A**	0.98	1.04	EA*4X24*17A*	OMV098J12A	1.01	0.97
EA*4X24*14A*	*9MX*0401410A**	0.99	1.01	EHD4X24A**	OMV098J12A	1.02	0.98
EHD4X24A**	*9MX*0401410A**	0.99	1.02	EN(A,D)4X24*17**	OMV098J12A	1.01	0.97
EN(A,D)4X18*14**	*9MX*0401410A**	0.98	1.03	ENH4X24*17**	OMV098J12A	1.01	0.97
EN(A,D)4X24*14**	*9MX*0401410A**	0.99	1.02	EA*4X18*14A*	MV08**14C*	0.98	1.00
EA*4X18*14A*	*9MV*0401410A**	0.99	1.04	EA*4X24*14A*	MV08**14C*	0.99	0.98
EA*4X24*14A*	*9MV*0401410A**	1.00	1.01	EHD4X24A**	MV08**14C*	0.99	0.98
EHD4X24A**	*9MV*0401410A**	1.00	1.02	EN(A,D)4X18*14**	MV08**14C*	0.99	0.99
				EN(A,D)4X24*14**	MV08**14C*	0.99	0.98

EXPANDED HEATING PERFORMANCE RATINGS For Outdoor / Indoor Models

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N4H424GKF Outdoor With FEM4P30A* Indoor Heating**

Outdoor Ambient Temperature - Degrees F, Dry Bulb

-3 7 17 27 37 47 57 67

Entering Indoor Temperature - Degrees F, Dry Bulb

CFM		Entering Indoor Temperature - Degrees F, Dry Bulb																							
		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75						
700	MBh†	8.16	7.91	7.61	10.90	10.43	10.10	13.40	13.18	12.95	16.18	15.91	15.64	19.34	19.02	18.69	22.60	22.40	22.11	25.17	25.05	24.85	27.41	27.30	27.15
	T/R	11.90	11.50	11.00	15.80	15.10	14.60	19.50	19.10	18.70	23.50	23.10	22.60	28.10	27.60	27.00	32.80	32.50	32.00	36.60	36.30	35.90	39.80	39.60	39.30
	AMPS*	5.97	6.22	6.50	6.28	6.53	6.81	6.53	6.82	7.14	6.82	7.13	7.45	7.20	7.51	7.85	7.55	7.93	8.32	7.87	8.26	8.67	8.19	8.59	9.01
	HI PR	225	241	258	241	256	274	256	274	292	275	293	312	299	317	337	322	343	365	343	365	386	363	384	407
	LO PR	38	38	39	49	49	49	61	61	62	75	76	76	91	92	92	108	109	110	120	122	124	131	133	135
800	MBh†	8.30	8.03	7.74	11.03	10.63	10.26	13.55	13.33	13.11	16.38	16.11	15.83	19.58	19.26	18.93	22.41	22.30	22.20	24.71	24.70	24.61	26.51	26.63	26.59
	T/R	10.50	10.20	9.80	14.00	13.50	13.00	17.20	16.90	16.60	20.80	20.40	20.00	24.90	24.40	23.90	28.50	28.30	28.10	31.40	31.30	31.10	33.70	33.80	33.60
	AMPS*	6.01	6.26	6.53	6.29	6.54	6.82	6.50	6.80	7.11	6.77	7.08	7.40	7.12	7.44	7.77	7.38	7.75	8.14	7.65	8.04	8.44	7.88	8.30	8.72
	HI PR	221	238	254	235	251	268	249	267	285	267	285	303	289	307	326	307	328	349	325	347	369	339	363	385
	LO PR	38	38	38	49	49	49	61	61	62	75	75	76	91	91	92	105	107	109	116	118	121	125	128	130
900	MBh†	8.40	8.14	7.86	11.15	10.94	10.41	13.69	13.47	13.23	16.54	16.27	15.99	19.75	19.45	19.13	22.15	22.14	22.06	24.13	24.24	24.26	25.49	25.77	25.97
	T/R	9.50	9.20	8.80	12.60	12.30	11.70	15.50	15.20	14.90	18.70	18.30	18.00	22.30	21.90	21.50	25.00	25.00	24.80	27.30	27.30	27.30	28.80	29.10	29.20
	AMPS*	6.06	6.31	6.58	6.31	6.59	6.85	6.51	6.80	7.11	6.75	7.06	7.38	7.08	7.41	7.74	7.28	7.64	8.02	7.50	7.89	8.29	7.65	8.07	8.51
	HI PR	218	235	252	231	248	264	244	261	279	260	278	297	281	299	318	296	316	337	311	333	355	320	344	368
	LO PR	38	38	38	49	49	49	61	61	61	75	75	76	91	91	92	102	104	106	112	115	117	118	122	126

† Total capacities are net (I.D blower heat added) system capacities based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
* System amps are total of indoor and outdoor amps
T/R - Temp Rise is based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in Temp Rise may occur.

HEATING MULTIPLIERS FOR COMBINATION RATINGS: N4H424GKF

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
*FEM4X30**B*		1.00	1.00	EA*4X24*14A*	*9MX*0401410A**	1.05	1.06
FCM4X24****		0.98	0.94	EA*4X30*14A*	*9MX*0401410A**	1.05	1.06
FCM4X36****		0.97	0.94	EHD4X24A**	*9MX*0401410A**	1.05	1.05
FEA4X24**A*		1.00	1.00	EHD4X30A**	*9MX*0401410A**	1.05	1.03
FEA4X30**A*		0.98	0.97	EN(A,D)4X24*14**	*9MX*0401410A**	1.05	1.04
FEM4P24**A*		1.00	1.02	EN(A,D)4X30*14**	*9MX*0401410A**	1.05	1.06
FEM4P30**A*		1.01	1.01	EA*4X24*17A*	*9MX*0601714A**	1.00	0.98
FEM4X24**B*		1.00	1.02	EA*4X30*17A*	*9MX*0601714A**	1.00	0.97
FS(M,U)4P24**A*		1.01	1.04	EHD4X24A**	*9MX*0601714A**	1.00	0.99
FS(M,U)4P30**A*		1.00	1.02	EHD4X30A**	*9MX*0601714A**	1.01	0.98
FVM4X24****		0.98	0.94	EN(A,D)4X24*17**	*9MX*0601714A**	1.01	0.99
FVM4X36****		0.97	0.94	EN(A,D)4X30*17**	*9MX*0601714A**	1.00	0.97
FXM4X24**A*		1.00	0.98	ENH4X24*17**	*9MX*0601714A**	1.01	0.99
FXM4X30**A*		0.97	0.96	ENH4X30*17**	*9MX*0601714A**	1.00	0.97
EA*4X24*14A*	*8MX*0451408**	1.01	0.99	EA*4X24*14A*	*9MV*0401410A**	1.02	1.04
EA*4X30*14A*	*8MX*0451408**	1.00	0.97	EA*4X30*14A*	*9MV*0401410A**	1.01	1.02
EHD4X24A**	*8MX*0451408**	1.01	0.98	EHD4X24A**	*9MV*0401410A**	1.02	1.03
EHD4X30A**	*8MX*0451408**	1.05	1.00	EHD4X30A**	*9MV*0401410A**	1.03	1.02
EN(A,D)4X24*14**	*8MX*0451408**	1.03	0.99	EN(A,D)4X24*14**	*9MV*0401410A**	1.02	1.02
EN(A,D)4X30*14**	*8MX*0451408**	1.00	0.97	EN(A,D)4X30*14**	*9MV*0401410A**	1.01	1.02
EA*4X24*14A*	*8MV*0701412**	1.00	0.99	EA*4X24*17A*	*9MV*0601714A**	1.00	0.99
EA*4X30*14A*	*8MV*0701412**	1.00	0.99	EA*4X30*17A*	*9MV*0601714A**	1.00	0.98
EHD4X24A**	*8MV*0701412**	1.01	0.99	EHD4X24A**	*9MV*0601714A**	1.00	0.99
EHD4X30A**	*8MV*0701412**	1.01	0.98	EHD4X30A**	*9MV*0601714A**	1.01	0.98
EN(A,D)4X24*14**	*8MV*0701412**	1.01	0.98	EN(A,D)4X24*17**	*9MV*0601714A**	1.01	0.99
EN(A,D)4X30*14**	*8MV*0701412**	1.00	0.98	EN(A,D)4X30*17**	*9MV*0601714A**	1.00	0.98
EA*4X24*17A*	*8MV*0901716**	1.00	0.98	ENH4X24*17**	*9MV*0601714A**	1.01	0.99
EA*4X30*17A*	*8MV*0901716**	1.00	0.97	ENH4X30*17**	*9MV*0601714A**	1.00	0.98
EHD4X24A**	*8MV*0901716**	1.01	0.98	EA*4X24*17A*	*9MV*0801716A**	1.00	0.98
EHD4X30A**	*8MV*0901716**	1.01	0.97	EA*4X30*17A*	*9MV*0801716A**	1.00	0.97
EN(A,D)4X24*17**	*8MV*0901716**	1.01	0.97	EHD4X24A**	*9MV*0801716A**	1.00	0.98
EN(A,D)4X30*17**	*8MV*0901716**	1.00	0.97	EHD4X30A**	*9MV*0801716A**	1.01	0.97
ENH4X24*17**	*8MV*0901716**	1.01	0.97	EN(A,D)4X24*17**	*9MV*0801716A**	1.01	0.98
ENH4X30*17**	*8MV*0901716**	1.00	0.97	EN(A,D)4X30*17**	*9MV*0801716A**	1.00	0.96
EHD4X24A**	*8MV*1102120**	1.01	0.98	ENH4X24*17**	*9MV*0801716A**	1.01	0.98
EHD4X30A**	*8MV*1102120**	1.01	0.97	ENH4X30*17**	*9MV*0801716A**	1.00	0.96
EHD4X24A**	*8MV*1352422**	1.01	0.98	EHD4X24A**	*9MV*0802120A**	1.00	0.99
EHD4X30A**	*8MV*1352422**	1.01	0.97	EHD4X30A**	*9MV*0802120A**	1.01	0.97

HEATING MULTIPLIERS FOR COMBINATION RATINGS: N4H424GKF

Heating Indoor Model	Furnace Model	Capacity	Power
EHD4X24A**	*9MV*1002120A**	1.00	0.99
EHD4X30A**	*9MV*1002120A**	1.01	0.96
EHD4X24A**	*9MV*1202422A**	1.00	0.98
EHD4X30A**	*9MV*1202422A**	1.01	0.97
EA*4X24*17A*	*9MA*0601714A**	1.00	0.99
EA*4X30*17A*	*9MA*0601714A**	1.00	0.98
EHD4X24A**	*9MA*0601714A**	1.01	0.99
EHD4X30A**	*9MA*0601714A**	1.01	0.98
EN(A,D)4X24*17**	*9MA*0601714A**	1.01	0.99
EN(A,D)4X30*17**	*9MA*0601714A**	1.00	0.98
ENH4X24*17**	*9MA*0601714A**	1.01	0.99
ENH4X30*17**	*9MA*0601714A**	1.00	0.98
EA*4X24*17A*	*9MA*0801714A**	1.00	0.99
EA*4X30*17A*	*9MA*0801714A**	1.00	0.99
EHD4X24A**	*9MA*0801714A**	1.01	0.99
EHD4X30A**	*9MA*0801714A**	1.01	0.98
EN(A,D)4X24*17**	*9MA*0801714A**	1.01	0.99
EN(A,D)4X30*17**	*9MA*0801714A**	1.00	0.99
ENH4X24*17**	*9MA*0801714A**	1.01	0.99
ENH4X30*17**	*9MA*0801714A**	1.00	0.99
EHD4X24A**	*9MA*0802120A**	1.05	1.00
EHD4X30A**	*9MA*0802120A**	1.01	0.95
EHD4X24A**	*9MA*1002122A**	1.05	1.00
EHD4X30A**	*9MA*1002122A**	1.01	0.95
EHD4X24A**	*9MA*1202422A**	1.01	0.98
EHD4X30A**	*9MA*1202422A**	1.01	0.96
EHD4X24A**	*9MA*0602120A**	1.01	0.98
EHD4X30A**	*9MA*0602120A**	1.01	0.97
EA*4X24*17A*	NOMV106D12*	1.00	0.99
EA*4X30*17A*	NOMV106D12*	1.00	0.98
EHD4X24A**	NOMV106D12*	1.01	0.99
EHD4X30A**	NOMV106D12*	1.01	0.98
EN(A,D)4X24*17**	NOMV106D12*	1.01	0.99
EN(A,D)4X30*17**	NOMV106D12*	1.00	0.98
ENH4X24*17**	NOMV106D12*	1.01	0.99
ENH4X30*17**	NOMV106D12*	1.00	0.98
EA*4X24*17A*	OLV098A12A	1.01	0.99
EA*4X30*17A*	OLV098A12A	1.00	0.97
EN(A,D)4X24*17**	OLV098A12A	1.05	1.01

Heating Indoor Model	Furnace Model	Capacity	Power
EN(A,D)4X30*17**	OLV098A12A	1.00	0.96
EA*4X24*17A*	OMV098J12A	1.01	0.99
EA*4X30*17A*	OMV098J12A	1.00	0.97
EHD4X24A**	OMV098J12A	1.05	1.01
EHD4X30A**	OMV098J12A	1.05	1.00
EN(A,D)4X24*17**	OMV098J12A	1.05	1.01
EN(A,D)4X30*17**	OMV098J12A	1.00	0.97
ENH4X24*17**	OMV098J12A	1.05	1.01
ENH4X30*17**	OMV098J12A	1.00	0.97
EA*4X24*17A*	OMV112K14A	1.00	0.98
EA*4X30*17A*	OMV112K14A	1.00	0.97
EHD4X24A**	OMV112K14A	1.01	0.98
EHD4X30A**	OMV112K14A	1.01	0.96
EN(A,D)4X24*17**	OMV112K14A	1.01	0.97
EN(A,D)4X30*17**	OMV112K14A	1.00	0.97
ENH4X24*17**	OMV112K14A	1.01	0.97
ENH4X30*17**	OMV112K14A	1.00	0.97
EA*4X24*14A*	MV08**14C*	1.00	0.98
EA*4X24*17A*	MV12**17C*	1.00	0.97
EA*4X30*14A*		1.03	1.06
EA*4X30*14A*	MV08**14C*	1.00	0.98
EA*4X30*17A*		1.03	1.06
EA*4X30*17A*	MV12**17C*	1.00	0.96
EHD4X24A**		1.03	1.05
EHD4X24A**	MV08**14C*	1.01	0.98
EHD4X24A**	MV12**17C*	1.01	0.97
EHD4X30A**		1.05	1.06
EHD4X30A**	MV08**14C*	1.00	0.96
EHD4X30A**	MV12**17C*	1.01	0.96
EN(A,D)4X24*14**		1.04	1.05
EN(A,D)4X24*14**	MV08**14C*	1.01	0.97
EN(A,D)4X24*17**	MV12**17C*	1.01	0.96
EN(A,D)4X30*14**		1.03	1.06
EN(A,D)4X30*14**	MV08**14C*	1.00	0.97
EN(A,D)4X30*17**	MV12**17C*	1.00	0.96
ENH4X24*17**	MV12**17C*	1.01	0.96
ENH4X30*17**		1.03	1.06
ENH4X30*17**	MV12**17C*	1.00	0.96

HEATING MULTIPLIERS FOR COMBINATION RATINGS: N4H430GKF

Heating Indoor Model	Furnace Model	Capacity	Power
EN(A,D)4X36*21**	*9MV*0802120A**	0.99	0.99
EA*4X36*21A*	*9MV*1002120A**	0.98	0.98
EHD4X30A**	*9MV*1002120A**	0.98	0.99
EHD4X36A**	*9MV*1002120A**	0.99	0.98
EN(A,D)4X36*21**	*9MV*1002120A**	0.98	1.00
EHD4X30A**	*9MV*1202422A**	0.99	0.98
EHD4X36A**	*9MV*1202422A**	0.99	0.96
EA*4X30*17A*	*9MA*0601714A**	0.99	1.01
EA*4X36*17A*	*9MA*0601714A**	0.99	1.01
EHD4X30A**	*9MA*0601714A**	1.00	1.01
EHD4X36A**	*9MA*0601714A**	0.99	0.99
EN(A,D)4X30*17**	*9MA*0601714A**	0.99	1.01
EN(A,D,W)4X36*17**	*9MA*0601714A**	0.99	1.01
ENH4X30*17**	*9MA*0601714A**	0.99	1.01
ENH4X36*17**	*9MA*0601714A**	0.99	1.01
EA*4X30*17A*	*9MA*0801714A**	0.99	1.00
EA*4X36*17A*	*9MA*0801714A**	0.99	0.99
EHD4X30A**	*9MA*0801714A**	1.00	0.99
EHD4X36A**	*9MA*0801714A**	1.00	0.98
EN(A,D)4X30*17**	*9MA*0801714A**	0.99	1.00
EN(A,D,W)4X36*17**	*9MA*0801714A**	0.99	1.00
ENH4X30*17**	*9MA*0801714A**	0.99	1.00
ENH4X36*17**	*9MA*0801714A**	0.99	1.00
EA*4X36*21A*	*9MA*0802120A**	0.99	0.99
EHD4X30A**	*9MA*0802120A**	1.00	0.99
EHD4X36A**	*9MA*0802120A**	0.99	0.97
EN(A,D)4X36*21**	*9MA*0802120A**	0.99	0.99
EA*4X36*21A*	*9MA*1002122A**	0.99	0.97
EHD4X30A**	*9MA*1002122A**	1.00	0.97
EHD4X36A**	*9MA*1002122A**	0.99	0.96
EN(A,D)4X36*21**	*9MA*1002122A**	0.99	0.98
EHD4X30A**	*9MA*1202422A**	0.99	0.98
EHD4X36A**	*9MA*1202422A**	0.99	0.97
EA*4X36*21A*	*9MA*0602120A**	0.99	0.99
EHD4X30A**	*9MA*0602120A**	1.00	0.99
EHD4X36A**	*9MA*0602120A**	1.00	0.98
EN(A,D)4X36*21**	*9MA*0602120A**	0.99	1.00
EA*4X30*17A*	NOMV106D12*	0.97	1.01
EA*4X36*17A*	NOMV106D12*	0.98	1.00
EHD4X30A**	NOMV106D12*	0.99	1.00
EHD4X36A**	NOMV106D12*	0.99	0.99
EN(A,D)4X30*17**	NOMV106D12*	0.98	1.01
EN(A,D,W)4X36*17**	NOMV106D12*	0.98	1.01
ENH4X30*17**	NOMV106D12*	0.98	1.01
ENH4X36*17**	NOMV106D12*	0.98	1.01
EA*4X30*17A*	OLV098A12A	0.99	1.01
EA*4X36*17A*	OLV098A12A	0.99	1.00

Heating Indoor Model	Furnace Model	Capacity	Power
EN(A,D)4X30*17**	OLV098A12A	0.99	1.00
EN(A,D,W)4X36*17**	OLV098A12A	0.99	1.00
EA*4X36*21A*	OLV112A16A	0.99	0.98
EN(A,D)4X36*21**	OLV112A16A	0.99	0.99
EA*4X30*17A*	OMV098J12A	0.99	1.01
EA*4X36*17A*	OMV098J12A	0.99	1.00
EHD4X30A**	OMV098J12A	1.00	1.00
EHD4X36A**	OMV098J12A	1.00	0.98
EN(A,D)4X30*17**	OMV098J12A	0.99	1.01
EN(A,D,W)4X36*17**	OMV098J12A	0.99	1.01
ENH4X30*17**	OMV098J12A	0.99	1.01
ENH4X36*17**	OMV098J12A	0.99	1.01
EA*4X30*17A*	OMV112K14A	0.99	0.99
EA*4X36*17A*	OMV112K14A	0.99	0.99
EHD4X30A**	OMV112K14A	1.00	0.98
EHD4X36A**	OMV112K14A	0.99	0.97
EN(A,D)4X30*17**	OMV112K14A	0.99	0.99
EN(A,D,W)4X36*17**	OMV112K14A	0.99	0.99
ENH4X30*17**	OMV112K14A	0.99	0.99
ENH4X36*17**	OMV112K14A	0.99	0.99
EA*4X30*14A*	MV08**14C*	0.98	1.00
EA*4X30*17A*		1.02	1.05
EA*4X30*17A*	MV12**17C*	0.98	0.98
EA*4X36*14A*		1.02	1.04
EA*4X36*14A*	MV08**14C*	0.98	1.00
EA*4X36*17A*		1.02	1.04
EA*4X36*17A*	MV12**17C*	0.98	0.97
EA*4X36*21A*		1.02	1.04
EHD4X30A**		1.03	1.03
EHD4X30A**	MV08**14C*	0.99	0.98
EHD4X30A**	MV12**17C*	0.99	0.97
EHD4X36A**		1.03	1.03
EHD4X36A**	MV08**14C*	0.99	0.97
EHD4X36A**	MV12**17C*	0.99	0.96
EMA4X36D**		1.02	1.05
EN(A,D)4X30*14**		1.02	1.05
EN(A,D)4X30*14**	MV08**14C*	0.98	1.00
EN(A,D)4X30*17**		1.02	1.05
EN(A,D)4X30*17**	MV12**17C*	0.99	0.99
EN(A,D)4X36*21**		1.02	1.05
EN(A,D,W)4X36*17**		1.02	1.05
EN(A,D,W)4X36*17**	MV12**17C*	0.99	0.99
ENH4X30*17**		1.02	1.05
ENH4X30*17**	MV12**17C*	0.99	0.99
ENH4X36*17**		1.02	1.05
ENH4X36*17**	MV12**17C*	0.99	0.99

EXPANDED HEATING PERFORMANCE RATINGS For Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org.
 New ratings may be listed online before Specification Sheets are updated.

N4H436GKF Outdoor With FEM4P36A* Indoor Heating**

Outdoor Ambient Temperature - Degrees F, Dry Bulb

	-3	7	17	27	37	47	57	67
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Entering Indoor Temperature - Degrees F, Dry Bulb

CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75						
1050	MBh†	13.88	13.01	12.14	16.74	15.97	15.19	20.19	19.48	18.77	24.73	24.19	22.95	28.93	28.43	27.98	33.67	33.14	32.62	39.00	38.35	37.73	45.04	44.31	43.57
	T/R	13.00	12.20	11.30	15.70	15.00	14.20	19.00	18.30	17.50	23.20	22.70	21.40	27.20	26.60	26.20	31.60	31.00	30.50	36.60	35.90	35.30	42.30	41.50	40.70
	AMPS*	9.43	9.69	9.97	9.62	9.94	10.26	9.87	10.23	10.60	10.28	10.69	11.02	10.67	11.11	11.58	11.11	11.57	12.07	11.69	12.19	12.71	12.42	12.95	13.51
	HI PR	232	246	260	244	259	274	259	275	292	281	298	313	302	321	340	325	344	363	353	372	393	386	406	428
1200	LO PR	35	36	36	47	47	48	59	60	60	73	73	74	89	89	89	106	106	107	124	125	126	146	146	147
	MBh†	14.24	13.34	12.45	17.12	16.32	15.53	20.61	19.87	19.15	25.09	24.57	23.45	29.33	28.81	28.33	34.17	33.60	33.07	39.63	38.94	38.29	45.62	44.92	44.21
	T/R	11.70	10.90	10.20	14.10	13.40	12.70	16.90	16.30	15.70	20.60	20.10	19.20	24.10	23.60	23.20	28.10	27.50	27.00	32.60	31.90	31.30	37.50	36.80	36.20
	AMPS*	9.53	9.80	10.08	9.70	10.01	10.34	9.91	10.26	10.64	10.26	10.67	11.01	10.60	11.03	11.50	10.99	11.44	11.93	11.52	11.99	12.50	12.13	12.64	13.18
1350	HI PR	228	242	257	239	254	270	253	269	286	273	290	305	292	310	329	313	332	351	339	358	378	367	388	409
	LO PR	35	36	36	46	47	47	59	59	60	73	73	74	88	89	89	105	106	106	124	125	125	144	145	146
	MBh†	14.55	13.64	12.72	17.45	16.64	15.82	20.98	20.22	19.46	25.41	24.89	24.28	29.69	29.16	28.67	34.56	34.00	33.45	40.15	39.45	38.77	45.96	45.31	44.63
	T/R	10.60	9.90	9.20	12.70	12.10	11.50	15.30	14.70	14.10	18.60	18.10	17.70	21.70	21.20	20.80	25.20	24.80	24.30	29.30	28.70	28.20	33.60	33.00	32.40
1350	AMPS*	9.65	9.92	10.20	9.80	10.11	10.44	9.97	10.33	10.70	10.28	10.69	11.10	10.59	11.02	11.47	10.94	11.39	11.86	11.44	11.90	12.39	11.95	12.45	12.98
	HI PR	225	240	255	235	251	267	248	264	281	266	284	302	285	303	322	304	323	342	328	347	367	353	373	394
	LO PR	35	36	36	46	47	47	59	59	60	72	73	73	88	89	89	105	106	106	124	124	125	143	144	145

† Total capacities are net (I.D blower heat added) system capacities based on 25' line set.
 If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
 * System amps are total of indoor and outdoor amps
 T/R - Temp Rise is based on 25' line set.
 If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in Temp Rise may occur.

HEATING MULTIPLIERS FOR COMBINATION RATINGS: N4H436GKF

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
*FEM4X36**B*		1.00	1.00	EA*4X36*14A*	*8MV*0701412**	0.98	1.00
FCM4X24****		0.98	0.97	EHD4X36A**	*8MV*0701412**	0.99	0.97
FCM4X36****		0.97	0.96	EHD4X42A**	*8MV*0701412**	0.99	0.96
FCM4X48****		0.98	0.91	EA*4X36*17A*	*8MV*0901716**	0.98	0.98
FEA4X36**A*		1.01	1.03	EHD4X36A**	*8MV*0901716**	0.99	0.96
FEM4P36**A*		1.00	1.00	EHD4X42A**	*8MV*0901716**	0.99	0.95
FEM4P42**A*		1.00	0.95	EN(A,D,W)4X36*17**	*8MV*0901716**	0.98	0.98
FEM4X35**A*		0.99	0.98	END4X42*17**	*8MV*0901716**	0.99	0.96
FEM4X42**A*		1.01	0.97	ENH4X36*17**	*8MV*0901716**	0.98	0.98
FEM4X42**B*		1.01	0.95	EA*4X36*21A*	*8MV*1102120**	0.98	0.97
FS(M,U)4P36**A*		1.01	1.01	EA*4X42*21A*	*8MV*1102120**	0.98	0.97
FS(M,U)4P42**A*		1.01	0.99	EHD4X36A**	*8MV*1102120**	0.99	0.95
FVM4X24****		0.98	0.97	EHD4X42A**	*8MV*1102120**	0.99	0.94
FVM4X36****		0.97	0.96	EN(A,D)4X36*21**	*8MV*1102120**	0.98	0.99
FVM4X48****		0.98	0.91	EN(A,D,W)4X42*21**	*8MV*1102120**	0.98	0.97
FXM4X36**A*		1.00	0.94	ENH4X42*21**	*8MV*1102120**	0.98	0.97
FXM4X42**A*		1.00	0.94	EA*4X42*24A*	*8MV*1352422**	0.98	0.96
EA*4X36*14A*	*8MX*0451408**	0.99	1.03	EHD4X36A**	*8MV*1352422**	0.99	0.95
EHD4X36A**	*8MX*0451408**	1.01	1.00	EHD4X42A**	*8MV*1352422**	0.99	0.94
EHD4X42A**	*8MX*0451408**	1.01	0.99	EA*4X36*17A*	*9MX*0601714A**	0.99	1.00
EA*4X36*17A*	*8MX*0701716**	0.99	1.00	EHD4X36A**	*9MX*0601714A**	1.00	0.98
EHD4X36A**	*8MX*0701716**	1.00	0.98	EHD4X42A**	*9MX*0601714A**	1.00	0.97
EHD4X42A**	*8MX*0701716**	1.00	0.96	EN(A,D,W)4X36*17**	*9MX*0601714A**	0.99	1.01
EN(A,D,W)4X36*17**	*8MX*0701716**	0.99	1.01	END4X42*17**	*9MX*0601714A**	1.00	0.98
END4X42*17**	*8MX*0701716**	1.00	0.98	ENH4X36*17**	*9MX*0601714A**	0.99	1.01
ENH4X36*17**	*8MX*0701716**	0.99	1.01	EA*4X36*17A*	*9MX*0801716A**	0.98	0.99
EA*4X36*21A*	*8MX*0902116**	0.98	0.96	EHD4X36A**	*9MX*0801716A**	0.99	0.97
EA*4X42*21A*	*8MX*0902116**	0.99	0.96	EHD4X42A**	*9MX*0801716A**	0.99	0.96
EHD4X36A**	*8MX*0902116**	0.99	0.95	EN(A,D,W)4X36*17**	*9MX*0801716A**	0.98	1.00
EHD4X42A**	*8MX*0902116**	0.99	0.94	END4X42*17**	*9MX*0801716A**	0.99	0.97
EN(A,D)4X36*21**	*8MX*0902116**	0.98	0.98	ENH4X36*17**	*9MX*0801716A**	0.98	1.00
EN(A,D,W)4X42*21**	*8MX*0902116**	0.99	0.96	EA*4X36*21A*	*9MX*1002120A**	1.00	0.97
ENH4X42*21**	*8MX*0902116**	0.99	0.96	EA*4X42*21A*	*9MX*1002120A**	1.00	0.96
EA*4X36*21A*	*8MX*1102120**	0.99	0.96	EHD4X36A**	*9MX*1002120A**	1.01	0.95
EA*4X42*21A*	*8MX*1102120**	0.99	0.95	EHD4X42A**	*9MX*1002120A**	1.01	0.95
EHD4X36A**	*8MX*1102120**	0.99	0.94	EN(A,D)4X36*21**	*9MX*1002120A**	0.99	0.98
EHD4X42A**	*8MX*1102120**	1.00	0.94	EN(A,D,W)4X42*21**	*9MX*1002120A**	1.00	0.96
EN(A,D)4X36*21**	*8MX*1102120**	0.98	0.97	ENH4X42*21**	*9MX*1002120A**	1.00	0.96
EN(A,D,W)4X42*21**	*8MX*1102120**	0.99	0.95	EA*4X36*17A*	*9MV*0601714A**	0.98	1.00
ENH4X42*21**	*8MX*1102120**	0.99	0.95	EHD4X36A**	*9MV*0601714A**	0.99	0.98

HEATING MULTIPLIERS FOR COMBINATION RATINGS: N4H436GKF

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
EHD4X42A**	*9MV*0601714A**	0.99	0.97	EN(A,D,W)4X36*17**	NOMV106D12*	0.98	1.00
EN(A,D,W)4X36*17**	*9MV*0601714A**	0.98	1.01	END4X42*17**	NOMV106D12*	0.99	0.98
END4X42*17**	*9MV*0601714A**	0.99	0.98	ENH4X36*17**	NOMV106D12*	0.98	1.00
ENH4X36*17**	*9MV*0601714A**	0.98	1.01	EA*4X36*21A*	NOMV156E19*	0.98	0.98
EA*4X36*17A*	*9MV*0801716A**	0.98	0.99	EA*4X42*21A*	NOMV156E19*	0.98	0.97
EHD4X36A**	*9MV*0801716A**	0.99	0.96	EHD4X36A**	NOMV156E19*	0.99	0.96
EHD4X42A**	*9MV*0801716A**	0.99	0.96	EHD4X42A**	NOMV156E19*	0.99	0.95
EN(A,D,W)4X36*17**	*9MV*0801716A**	0.98	0.99	EN(A,D)4X36*21**	NOMV156E19*	0.98	0.99
END4X42*17**	*9MV*0801716A**	0.99	0.97	EN(A,D,W)4X42*21**	NOMV156E19*	0.98	0.98
ENH4X36*17**	*9MV*0801716A**	0.98	0.99	ENH4X42*21**	NOMV156E19*	0.98	0.98
EA*4X36*21A*	*9MV*0802120A**	0.97	0.97	EA*4X36*17A*	OLV098A12A	0.99	1.01
EA*4X42*21A*	*9MV*0802120A**	0.98	0.96	EN(A,D,W)4X36*17**	OLV098A12A	0.99	1.02
EHD4X36A**	*9MV*0802120A**	0.98	0.95	END4X42*17**	OLV098A12A	0.99	0.99
EHD4X42A**	*9MV*0802120A**	0.98	0.94	EA*4X36*21A*	OLV112A16A	0.99	0.98
EN(A,D)4X36*21**	*9MV*0802120A**	0.97	0.98	EA*4X42*21A*	OLV112A16A	0.99	0.98
EN(A,D,W)4X42*21**	*9MV*0802120A**	0.98	0.97	EN(A,D)4X36*21**	OLV112A16A	0.99	1.00
ENH4X42*21**	*9MV*0802120A**	0.98	0.97	EN(A,D,W)4X42*21**	OLV112A16A	0.99	0.98
EA*4X36*21A*	*9MV*1002120A**	0.97	0.96	EA*4X42*24A*	OLV154F20A	1.01	0.95
EA*4X42*21A*	*9MV*1002120A**	0.98	0.96	EA*4X36*17A*	OMV098J12A	0.99	1.01
EHD4X36A**	*9MV*1002120A**	0.98	0.95	EHD4X36A**	OMV098J12A	1.00	0.99
EHD4X42A**	*9MV*1002120A**	0.98	0.94	EHD4X42A**	OMV098J12A	1.00	0.98
EN(A,D)4X36*21**	*9MV*1002120A**	0.97	0.98	EN(A,D,W)4X36*17**	OMV098J12A	0.99	1.02
EN(A,D,W)4X42*21**	*9MV*1002120A**	0.98	0.97	END4X42*17**	OMV098J12A	1.00	0.99
ENH4X42*21**	*9MV*1002120A**	0.98	0.97	ENH4X36*17**	OMV098J12A	0.99	1.02
EA*4X42*24A*	*9MV*1202422A**	0.98	0.96	EA*4X36*17A*	OMV112K14A	0.98	0.99
EHD4X36A**	*9MV*1202422A**	0.98	0.95	EHD4X36A**	OMV112K14A	0.99	0.97
EHD4X42A**	*9MV*1202422A**	0.98	0.94	EHD4X42A**	OMV112K14A	0.99	0.96
EA*4X36*17A*	*9MA*0601714A**	0.98	1.01	EN(A,D,W)4X36*17**	OMV112K14A	0.99	1.00
EHD4X36A**	*9MA*0601714A**	0.99	0.99	END4X42*17**	OMV112K14A	0.99	0.97
EHD4X42A**	*9MA*0601714A**	0.99	0.98	ENH4X36*17**	OMV112K14A	0.99	1.00
EN(A,D,W)4X36*17**	*9MA*0601714A**	0.98	1.01	EA*4X42*24A*	OMV154L20A	0.98	0.96
END4X42*17**	*9MA*0601714A**	0.99	0.99	EHD4X36A**	OMV154L20A	0.99	0.95
ENH4X36*17**	*9MA*0601714A**	0.98	1.01	EHD4X42A**	OMV154L20A	0.99	0.94
EA*4X36*17A*	*9MA*0801714A**	0.98	1.00	EA*4X36*14A*		1.01	1.04
EHD4X36A**	*9MA*0801714A**	0.98	0.97	EA*4X36*14A*	MV08**14C*	0.98	0.98
EHD4X42A**	*9MA*0801714A**	0.99	0.97	EA*4X36*17A*		1.02	1.03
EN(A,D,W)4X36*17**	*9MA*0801714A**	0.98	1.00	EA*4X36*17A*	MV12**17C*	0.98	0.96
END4X42*17**	*9MA*0801714A**	0.98	0.98	EA*4X36*21A*		1.02	1.03
ENH4X36*17**	*9MA*0801714A**	0.98	1.00	EA*4X36*21A*	MV16**21C*	0.97	0.95
EA*4X36*21A*	*9MA*0802120A**	0.97	0.97	EA*4X42*21A*		1.02	1.02
EA*4X42*21A*	*9MA*0802120A**	0.98	0.97	EA*4X42*21A*	MV16**21C*	0.98	0.95
EHD4X36A**	*9MA*0802120A**	0.98	0.96	EA*4X42*24A*		1.02	1.02
EHD4X42A**	*9MA*0802120A**	0.98	0.95	EA*4X42*24A*	MV20**24C*	0.97	0.94
EN(A,D)4X36*21**	*9MA*0802120A**	0.97	0.98	EHD4X36A**		1.02	1.01
EN(A,D,W)4X42*21**	*9MA*0802120A**	0.98	0.97	EHD4X36A**	MV08**14C*	0.98	0.95
ENH4X42*21**	*9MA*0802120A**	0.98	0.97	EHD4X36A**	MV12**17C*	0.99	0.94
EA*4X36*21A*	*9MA*1002122A**	0.98	0.97	EHD4X36A**	MV16**21C*	0.98	0.93
EA*4X42*21A*	*9MA*1002122A**	0.98	0.96	EHD4X36A**	MV20**24C*	0.98	0.94
EHD4X36A**	*9MA*1002122A**	0.99	0.96	EHD4X42A**		1.03	1.01
EHD4X42A**	*9MA*1002122A**	0.99	0.95	EHD4X42A**	MV08**14C*	0.98	0.94
EN(A,D)4X36*21**	*9MA*1002122A**	0.98	0.98	EHD4X42A**	MV12**17C*	0.99	0.93
EN(A,D,W)4X42*21**	*9MA*1002122A**	0.98	0.97	EHD4X42A**	MV16**21C*	0.99	0.93
ENH4X42*21**	*9MA*1002122A**	0.98	0.97	EHD4X42A**	MV20**24C*	0.98	0.93
EA*4X42*24A*	*9MA*1202422A**	0.98	0.97	EMA4X36D**		1.01	1.03
EHD4X36A**	*9MA*1202422A**	0.98	0.96	EN(A,D)4X36*21**		1.02	1.04
EHD4X42A**	*9MA*1202422A**	0.99	0.95	EN(A,D)4X36*21**	MV16**21C*	0.98	0.97
EA*4X36*21A*	*9MA*0602120A**	0.98	0.99	EN(A,D,W)4X36*17**		1.02	1.04
EA*4X42*21A*	*9MA*0602120A**	0.98	0.98	EN(A,D,W)4X36*17**	MV12**17C*	0.98	0.97
EHD4X36A**	*9MA*0602120A**	0.99	0.98	EN(A,D,W)4X42*21**		1.02	1.02
EHD4X42A**	*9MA*0602120A**	0.99	0.97	EN(A,D,W)4X42*21**	MV16**21C*	0.98	0.95
EN(A,D)4X36*21**	*9MA*0602120A**	0.98	1.00	END4X42*17**		1.02	1.01
EN(A,D,W)4X42*21**	*9MA*0602120A**	0.98	0.99	END4X42*17**	MV12**17C*	0.98	0.94
ENH4X42*21**	*9MA*0602120A**	0.98	0.99	ENH4X36*17**		1.02	1.04
EA*4X36*17A*	NOMV106D12*	0.98	0.99	ENH4X36*17**	MV12**17C*	0.98	0.97
EHD4X36A**	NOMV106D12*	0.99	0.97	ENH4X42*21**		1.02	1.02
EHD4X42A**	NOMV106D12*	0.99	0.96	ENH4X42*21**	MV16**21C*	0.98	0.95

EXPANDED HEATING PERFORMANCE RATINGS For Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIDirectory.org.
New ratings may be listed online before Specification Sheets are updated.

N4H442GKF Outdoor With FEM4X48A* Indoor Heating**

CFM		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		-3			7			17			27			37			47			57			67		
		Entering Indoor Temperature - Degrees F, Dry Bulb																							
		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
1225	MBh†	13.64	12.89	12.13	18.06	17.36	16.63	22.72	22.03	21.30	27.78	27.04	26.29	33.74	33.19	32.58	39.10	38.48	37.86	45.43	44.69	43.98	52.75	52.01	51.22
	T/R	10.80	10.20	9.60	14.40	13.80	13.20	18.10	17.50	16.90	22.10	21.50	20.80	26.80	26.30	25.80	31.10	30.50	30.00	36.10	35.50	34.80	42.00	41.30	40.60
	AMPS*	9.24	8.83	10.44	9.93	10.46	11.02	10.67	11.17	11.69	11.42	11.90	12.41	12.26	12.77	13.31	12.90	13.45	14.03	13.50	14.09	14.70	13.92	14.59	15.28
	HI PR LO PR	222 33	237 34	252 34	236 43	251 44	267 44	251 55	268 55	284 56	269 67	286 68	303 68	293 82	311 82	330 82	315 98	334 98	354 99	340 117	360 117	380 118	366 138	386 138	407 139
1400	MBh†	13.91	13.15	12.39	18.38	17.69	16.93	23.10	22.41	21.68	28.28	27.49	26.74	34.14	33.62	33.04	39.63	39.00	38.37	46.12	45.38	44.64	53.26	52.59	51.88
	T/R	9.70	9.10	8.60	12.80	12.30	11.70	16.10	15.60	15.00	19.70	19.10	18.50	23.80	23.40	22.90	27.60	27.10	26.60	32.10	31.50	30.90	37.10	36.50	36.00
	AMPS*	9.29	8.88	10.50	9.95	10.49	11.04	10.66	11.16	11.69	11.38	11.86	12.37	12.14	12.67	13.20	12.73	13.28	13.85	13.26	13.85	14.45	13.52	14.18	14.86
	HI PR LO PR	219 33	234 34	249 34	231 43	247 44	263 44	245 55	262 55	279 56	261 67	278 68	296 68	282 82	301 82	320 82	303 98	322 98	342 99	326 117	345 117	365 117	348 136	368 137	389 138
1575	MBh†	14.16	13.41	12.63	18.67	17.97	17.21	23.42	22.73	22.01	29.37	27.88	27.12	34.51	33.96	33.42	40.07	39.43	38.80	46.67	45.94	45.18	53.50	52.89	52.24
	T/R	8.80	8.30	7.80	11.50	11.10	10.60	14.50	14.00	13.60	18.20	17.20	16.70	21.40	21.00	20.60	24.80	24.30	23.90	28.90	28.40	27.80	33.10	32.70	32.20
	AMPS*	9.37	9.96	10.58	10.01	10.54	11.10	10.69	11.19	11.72	11.46	11.86	12.37	12.10	12.62	13.16	12.64	13.19	13.75	13.10	13.70	14.30	13.26	13.91	14.59
	HI PR LO PR	216 33	231 34	247 34	228 43	244 44	260 44	241 54	257 55	274 55	258 67	272 67	290 68	275 81	293 82	312 82	294 98	312 98	332 98	315 116	335 117	354 117	335 135	354 136	375 137

† Total capacities are net (I.D blower heat added) system capacities based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
* System amps are total of indoor and outdoor amps
T/R - Temp Rise is based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in Temp Rise may occur.

HEATING MULTIPLIERS FOR COMBINATION RATINGS: N4H442GKF

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
*FEM4X48**B*		1.00	1.00	EHD4X42A**	*8MV*0901716**	0.97	0.98
FCM4X36****		0.96	1.00	EHD4X48A**	*8MV*0901716**	0.97	0.97
FCM4X48****		0.97	0.95	END4X42*17**	*8MV*0901716**	0.97	1.00
FEM4P42**A*		0.99	0.99	EA*4X42*21A*	*8MV*1102120**	0.97	1.00
FEM4P48**A*		0.99	0.99	EA*4X48*21A*	*8MV*1102120**	0.97	0.98
FEM4X42**B*		0.99	0.99	EHD4X42A**	*8MV*1102120**	0.97	0.97
FS(M,U)4P42**A*		1.00	1.02	EHD4X48A**	*8MV*1102120**	0.99	0.98
FS(M,U)4P48**A*		1.00	1.00	EN(A,D,W)4X42*21**	*8MV*1102120**	0.97	1.01
FVM4X36****		0.96	1.00	EN(A,D,W)4X48*21**	*8MV*1102120**	0.97	0.97
FVM4X48****		0.97	0.95	ENH4X42*21**	*8MV*1102120**	0.97	1.01
FXM4X42**A*		0.99	0.99	ENH4X48*21**	*8MV*1102120**	0.97	0.97
FXM4X48**A*		0.99	0.95	EA*4X42*24A*	*8MV*1352422**	0.96	0.99
EA*4X48*17A*	*8MX*0701716**	1.01	1.03	EA*4X48*24A*	*8MV*1352422**	0.97	0.97
EHD4X42A**	*8MX*0701716**	1.01	1.03	EHD4X42A**	*8MV*1352422**	0.97	0.97
EHD4X48A**	*8MX*0701716**	1.01	1.03	EHD4X48A**	*8MV*1352422**	0.97	0.96
END4X42*17**	*8MX*0701716**	0.99	1.03	EN(A,D)4X48*24**	*8MV*1352422**	0.97	0.96
EA*4X42*21A*	*8MX*0902116**	0.97	1.00	EA*4X48*17A*	*9MX*0601714A**	0.99	1.00
EA*4X48*21A*	*8MX*0902116**	0.97	0.97	EHD4X42A**	*9MX*0601714A**	0.99	1.01
EHD4X42A**	*8MX*0902116**	0.97	0.97	EHD4X48A**	*9MX*0601714A**	0.99	1.00
EHD4X48A**	*8MX*0902116**	0.99	0.98	END4X42*17**	*9MX*0601714A**	0.99	1.03
EN(A,D,W)4X42*21**	*8MX*0902116**	0.97	1.00	EA*4X48*17A*	*9MX*0801716A**	0.99	0.99
EN(A,D,W)4X48*21**	*8MX*0902116**	0.97	0.97	EHD4X42A**	*9MX*0801716A**	0.99	1.00
ENH4X42*21**	*8MX*0902116**	0.97	1.00	EHD4X48A**	*9MX*0801716A**	0.99	0.99
ENH4X48*21**	*8MX*0902116**	0.97	0.97	END4X42*17**	*9MX*0801716A**	0.99	1.02
EA*4X42*21A*	*8MX*1102120**	0.97	0.99	EA*4X42*21A*	*9MX*0802120A**	0.97	1.00
EA*4X48*21A*	*8MX*1102120**	0.97	0.97	EA*4X48*21A*	*9MX*0802120A**	0.99	0.99
EHD4X42A**	*8MX*1102120**	0.97	0.96	EHD4X42A**	*9MX*0802120A**	0.99	0.98
EHD4X48A**	*8MX*1102120**	0.97	0.96	EHD4X48A**	*9MX*0802120A**	0.99	0.98
EN(A,D,W)4X42*21**	*8MX*1102120**	0.97	1.00	EN(A,D,W)4X42*21**	*9MX*0802120A**	0.97	1.00
EN(A,D,W)4X48*21**	*8MX*1102120**	0.97	0.96	EN(A,D,W)4X48*21**	*9MX*0802120A**	0.99	0.98
ENH4X42*21**	*8MX*1102120**	0.97	1.00	ENH4X42*21**	*9MX*0802120A**	0.97	1.00
ENH4X48*21**	*8MX*1102120**	0.97	0.96	ENH4X48*21**	*9MX*0802120A**	0.99	0.98
EA*4X42*24A*	*8MX*1352420**	0.97	0.99	EA*4X42*21A*	*9MX*1002120A**	0.97	1.00
EA*4X48*24A*	*8MX*1352420**	0.97	0.97	EA*4X48*21A*	*9MX*1002120A**	0.97	0.98
EHD4X42A**	*8MX*1352420**	0.97	0.97	EHD4X42A**	*9MX*1002120A**	0.97	0.97
EHD4X48A**	*8MX*1352420**	0.97	0.96	EHD4X48A**	*9MX*1002120A**	0.97	0.97
EN(A,D)4X48*24**	*8MX*1352420**	0.97	0.96	EN(A,D,W)4X42*21**	*9MX*1002120A**	0.96	1.00
EHD4X42A**	*8MV*0701412**	0.99	1.01	EN(A,D,W)4X48*21**	*9MX*1002120A**	0.97	0.97
EHD4X48A**	*8MV*0701412**	0.99	1.00	ENH4X42*21**	*9MX*1002120A**	0.96	1.00
EA*4X48*17A*	*8MV*0901716**	0.99	0.99	ENH4X48*21**	*9MX*1002120A**	0.97	1.00

HEATING MULTIPLIERS FOR COMBINATION RATINGS: N4H442GKF

Heating Indoor Model	Furnace Model	Capacity	Power
EA*4X42*24A*	*9MX*1202422A**	0.97	0.99
EA*4X48*24A*	*9MX*1202422A**	0.99	0.98
EHD4X42A**	*9MX*1202422A**	0.99	0.98
EHD4X48A**	*9MX*1202422A**	0.99	0.97
EN(A,D)4X48*24**	*9MX*1202422A**	0.99	0.98
EA*4X48*17A*	*9MV*0601714A**	0.99	1.01
EHD4X42A**	*9MV*0601714A**	0.99	1.02
EHD4X48A**	*9MV*0601714A**	0.99	1.01
END4X42*17**	*9MV*0601714A**	0.99	1.04
EA*4X48*17A*	*9MV*0801716A**	0.99	1.00
EHD4X42A**	*9MV*0801716A**	0.99	1.01
EHD4X48A**	*9MV*0801716A**	0.99	1.00
END4X42*17**	*9MV*0801716A**	0.97	1.01
EA*4X42*21A*	*9MV*0802120A**	0.97	1.01
EA*4X48*21A*	*9MV*0802120A**	0.97	0.98
EHD4X42A**	*9MV*0802120A**	0.97	0.98
EHD4X48A**	*9MV*0802120A**	0.97	0.97
EN(A,D,W)4X42*21**	*9MV*0802120A**	0.97	1.01
EN(A,D,W)4X48*21**	*9MV*0802120A**	0.97	0.97
ENH4X42*21**	*9MV*0802120A**	0.97	1.01
ENH4X48*21**	*9MV*0802120A**	0.97	0.97
EA*4X42*21A*	*9MV*1002120A**	0.96	1.00
EA*4X48*21A*	*9MV*1002120A**	0.97	0.98
EHD4X42A**	*9MV*1002120A**	0.97	0.98
EHD4X48A**	*9MV*1002120A**	0.97	0.97
EN(A,D,W)4X42*21**	*9MV*1002120A**	0.96	1.00
EN(A,D,W)4X48*21**	*9MV*1002120A**	0.97	0.97
ENH4X42*21**	*9MV*1002120A**	0.96	1.00
ENH4X48*21**	*9MV*1002120A**	0.97	0.97
EA*4X42*24A*	*9MV*1202422A**	0.97	1.00
EA*4X48*24A*	*9MV*1202422A**	0.97	0.97
EHD4X42A**	*9MV*1202422A**	0.97	0.98
EHD4X48A**	*9MV*1202422A**	0.97	0.97
EN(A,D)4X48*24**	*9MV*1202422A**	0.97	0.97
EA*4X48*17A*	*9MA*0601714A**	0.99	1.02
EHD4X42A**	*9MA*0601714A**	0.99	1.03
EHD4X48A**	*9MA*0601714A**	0.99	1.02
END4X42*17**	*9MA*0601714A**	0.97	1.03
EA*4X48*17A*	*9MA*0801714A**	0.99	1.01
EHD4X42A**	*9MA*0801714A**	0.97	1.00
EHD4X48A**	*9MA*0801714A**	0.97	1.00
END4X42*17**	*9MA*0801714A**	0.97	1.02
EA*4X42*21A*	*9MA*0802120A**	0.96	1.01
EA*4X48*21A*	*9MA*0802120A**	0.97	0.99
EHD4X42A**	*9MA*0802120A**	0.97	0.98
EHD4X48A**	*9MA*0802120A**	0.97	0.98
EN(A,D,W)4X42*21**	*9MA*0802120A**	0.96	1.01
EN(A,D,W)4X48*21**	*9MA*0802120A**	0.97	0.98
ENH4X42*21**	*9MA*0802120A**	0.96	1.01
ENH4X48*21**	*9MA*0802120A**	0.97	0.98
EA*4X42*21A*	*9MA*1002122A**	0.97	1.00
EA*4X48*21A*	*9MA*1002122A**	0.97	0.97
EHD4X42A**	*9MA*1002122A**	0.97	0.97
EHD4X48A**	*9MA*1002122A**	0.97	0.96
EN(A,D,W)4X42*21**	*9MA*1002122A**	0.97	1.00
EN(A,D,W)4X48*21**	*9MA*1002122A**	0.97	0.97
ENH4X42*21**	*9MA*1002122A**	0.97	1.00
ENH4X48*21**	*9MA*1002122A**	0.97	0.97
EA*4X42*24A*	*9MA*1202422A**	0.96	1.00
EA*4X48*24A*	*9MA*1202422A**	0.97	0.98
EHD4X42A**	*9MA*1202422A**	0.97	0.98

Heating Indoor Model	Furnace Model	Capacity	Power
EHD4X48A**	*9MA*1202422A**	0.97	0.98
EN(A,D)4X48*24**	*9MA*1202422A**	0.97	0.98
EA*4X42*21A*	*9MA*0602120A**	0.96	1.02
EA*4X48*21A*	*9MA*0602120A**	0.97	1.01
EHD4X42A**	*9MA*0602120A**	0.97	1.00
EHD4X48A**	*9MA*0602120A**	0.97	1.00
EN(A,D,W)4X42*21**	*9MA*0602120A**	0.97	1.03
EN(A,D,W)4X48*21**	*9MA*0602120A**	0.97	1.00
ENH4X42*21**	*9MA*0602120A**	0.97	1.03
ENH4X48*21**	*9MA*0602120A**	0.97	1.00
EA*4X42*21A*	NOMV156E19*	0.96	1.00
EA*4X48*21A*	NOMV156E19*	0.97	0.98
EHD4X42A**	NOMV156E19*	0.97	0.98
EHD4X48A**	NOMV156E19*	0.97	0.98
EN(A,D,W)4X42*21**	NOMV156E19*	0.97	1.01
EN(A,D,W)4X48*21**	NOMV156E19*	0.97	0.98
ENH4X42*21**	NOMV156E19*	0.97	1.01
ENH4X48*21**	NOMV156E19*	0.97	0.98
EA*4X42*21A*	OLV112A16A	0.99	1.03
EA*4X48*21A*	OLV112A16A	1.01	1.03
EN(A,D,W)4X42*21**	OLV112A16A	0.99	1.03
EN(A,D,W)4X48*21**	OLV112A16A	0.99	1.00
EA*4X42*24A*	OLV154F20A	0.99	0.99
EA*4X48*24A*	OLV154F20A	1.01	0.99
EN(A,D)4X48*24**	OLV154F20A	1.01	0.99
EA*4X48*17A*	OMV112K14A	0.99	1.00
EHD4X42A**	OMV112K14A	0.99	1.00
EHD4X48A**	OMV112K14A	0.99	1.00
END4X42*17**	OMV112K14A	0.99	1.02
EA*4X42*24A*	OMV154L20A	0.96	0.99
EA*4X48*24A*	OMV154L20A	0.97	0.97
EHD4X42A**	OMV154L20A	0.97	0.97
EHD4X48A**	OMV154L20A	0.97	0.97
EN(A,D)4X48*24**	OMV154L20A	0.97	0.97
EA*4X42*21A*	MV16**21C*	0.97	0.99
EA*4X42*24A*	MV20**24C*	0.96	0.98
EA*4X48*17A*		1.00	1.01
EA*4X48*17A*	MV12**17C*	0.99	0.98
EA*4X48*21A*		1.01	1.03
EA*4X48*21A*	MV16**21C*	0.97	0.96
EA*4X48*24A*		1.01	1.03
EA*4X48*24A*	MV20**24C*	0.97	0.97
EHD4X42A**		1.01	1.03
EHD4X42A**	MV12**17C*	0.99	0.98
EHD4X42A**	MV16**21C*	0.99	0.97
EHD4X42A**	MV20**24C*	0.97	0.96
EHD4X48A**		1.01	1.02
EHD4X48A**	MV12**17C*	0.99	0.98
EHD4X48A**	MV16**21C*	0.99	0.97
EHD4X48A**	MV20**24C*	0.97	0.96
EN(A,D)4X48*24**		1.01	1.03
EN(A,D)4X48*24**	MV20**24C*	0.97	0.96
EN(A,D,W)4X42*21**	MV16**21C*	0.97	0.99
EN(A,D,W)4X48*21**		1.01	1.03
EN(A,D,W)4X48*21**	MV16**21C*	0.97	0.96
END4X42*17**		1.01	1.05
END4X42*17**	MV12**17C*	0.97	0.98
ENH4X42*21**	MV16**21C*	0.97	0.99
ENH4X48*21**		1.01	1.03
ENH4X48*21**	MV16**21C*	0.97	0.96

EXPANDED HEATING PERFORMANCE RATINGS For Outdoor / Indoor Models

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

N4H448GKF Outdoor With FEM4X60**B* Indoor Heating																												
Outdoor Ambient Temperature - Degrees F, Dry Bulb																												
Entering Indoor Temperature - Degrees F, Dry Bulb																												
CFM	7	65			70			75			65			70			75			65			70			75		
		1400	MBh†	15.60	14.83	14.01	20.83	20.06	19.23	26.35	25.58	24.75	32.35	31.50	30.65	39.41	38.83	37.56	45.72	45.00	44.33	53.07	52.18	51.33	61.04	60.23	59.38	
	T/R	10.60	10.10	9.50	14.20	13.60	13.00	17.90	17.40	16.80	22.00	21.40	20.80	26.80	26.40	25.40	31.10	30.50	30.00	36.10	35.40	34.80	41.50	40.90	40.20			
	AMPS*	11.86	12.34	12.87	12.39	12.88	13.43	12.95	13.48	14.04	13.56	14.12	14.71	14.38	15.01	15.56	15.06	15.75	16.47	15.86	16.62	17.37	16.52	17.30	18.10			
	HI PR	219	234	250	233	248	265	248	265	281	265	282	300	288	307	323	310	329	348	335	355	375	358	378	398			
	LO PR	35	35	35	45	45	45	56	57	57	69	70	70	84	84	85	100	100	101	119	120	120	139	139	140			
1600	MBh†	15.88	15.12	14.25	21.18	20.41	19.55	26.76	25.99	25.18	32.87	32.02	31.15	39.88	39.29	38.67	46.30	45.59	44.87	53.92	53.04	52.16	61.39	60.60	59.80			
	T/R	9.50	9.00	8.40	12.60	12.10	11.60	15.90	15.40	14.90	19.60	19.00	18.50	23.70	23.30	22.90	27.60	27.10	26.60	32.10	31.50	30.90	36.50	36.00	35.40			
	AMPS*	11.96	12.45	12.97	12.45	12.94	13.48	12.95	13.49	14.05	13.50	14.07	14.66	14.23	14.87	15.53	14.83	15.52	16.22	15.46	16.22	16.99	16.04	16.83	17.62			
	HI PR	216	231	247	228	244	261	242	259	276	258	275	293	278	297	316	298	317	336	320	339	360	340	360	381			
	LO PR	35	35	35	45	45	45	56	56	57	69	69	70	83	84	84	100	100	101	119	119	120	137	138	139			
1800	MBh†	16.13	15.34	14.49	21.48	20.68	19.86	27.12	26.32	25.53	33.32	32.46	31.59	40.25	39.67	39.07	46.80	46.08	45.34	54.45	53.66	52.83	61.59	60.84	60.10			
	T/R	8.50	8.10	7.60	11.40	10.90	10.50	14.30	13.90	13.40	17.60	17.10	16.60	21.30	20.90	20.60	24.80	24.30	23.90	28.80	28.30	27.80	32.60	32.10	31.70			
	AMPS*	12.08	12.56	13.09	12.53	13.03	13.56	13.00	13.53	14.09	13.50	14.07	14.66	14.15	14.80	15.45	14.69	15.38	16.08	15.19	15.95	16.73	15.72	16.50	17.30			
	HI PR	213	229	245	225	241	257	237	254	271	252	269	287	270	289	308	289	307	327	308	327	348	327	347	367			
	LO PR	35	35	35	45	45	45	56	56	57	69	69	70	83	84	84	100	100	100	118	119	119	135	136	137			

† Total capacities are net (I.D blower heat added) system capacities based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
* System amps are total of indoor and outdoor amps
T/R - Temp Rise is based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in Temp Rise may occur.

HEATING MULTIPLIERS FOR COMBINATION RATINGS: N4H448GKF

Heating Indoor Model	Furnace Model	Capacity	Power	Heating Indoor Model	Furnace Model	Capacity	Power
*FEM4X60**B*		1.00	1.00	EA*4X48*24A*	*8MV*1352422**	0.99	1.01
FCM4X48****		0.99	0.99	EA*4X60*24A*	*8MV*1352422**	1.00	1.00
FCM4X60****		0.99	0.96	EHD4X48A**	*8MV*1352422**	1.00	1.01
FEM4X48**A*		0.99	0.98	EHD4X60A**	*8MV*1352422**	1.00	0.99
FEM4X48**B*		1.01	1.04	EN(A,D)4X48*24**	*8MV*1352422**	0.99	1.00
FEM4X60**A*		1.01	0.97	EN(A,D,W)4X60*24**	*8MV*1352422**	0.99	0.99
FS(M,U)4P48**A*		1.01	1.02	ENH4X60*24**	*8MV*1352422**	0.99	0.99
FS(M,U)4X60**A*		1.01	1.03	EHD4X60A**	*9MX*0801716A**	1.01	1.04
FVM4X48****		0.99	0.99	EA*4X48*21A*	*9MX*0802120A**	1.00	1.02
FVM4X60****		0.99	0.96	EA*4X60*21A*	*9MX*0802120A**	1.00	1.01
FXM4X48**A*		1.01	0.99	EHD4X48A**	*9MX*0802120A**	1.00	1.01
FXM4X60**A*		0.99	0.96	EHD4X60A**	*9MX*0802120A**	1.00	0.99
EA*4X48*21A*	*8MX*0902116**	1.00	1.02	EN(A,D,W)4X48*21**	*9MX*0802120A**	1.00	1.02
EA*4X60*21A*	*8MX*0902116**	1.00	1.01	ENH4X48*21**	*9MX*0802120A**	0.99	1.01
EHD4X48A**	*8MX*0902116**	1.00	1.01	EA*4X48*21A*	*9MX*1002120A**	1.00	1.02
EHD4X60A**	*8MX*0902116**	1.00	0.99	EA*4X60*21A*	*9MX*1002120A**	1.00	1.01
EN(A,D,W)4X48*21**	*8MX*0902116**	1.00	1.01	EHD4X48A**	*9MX*1002120A**	1.00	1.01
ENH4X48*21**	*8MX*0902116**	1.00	1.01	EHD4X60A**	*9MX*1002120A**	1.00	0.99
EA*4X48*21A*	*8MX*1102120**	0.99	1.01	EN(A,D,W)4X48*21**	*9MX*1002120A**	1.00	1.02
EA*4X60*21A*	*8MX*1102120**	1.00	1.00	ENH4X48*21**	*9MX*1002120A**	0.99	1.01
EHD4X48A**	*8MX*1102120**	0.99	0.99	EA*4X48*24A*	*9MX*1202422A**	1.00	1.02
EHD4X60A**	*8MX*1102120**	1.00	0.98	EA*4X60*24A*	*9MX*1202422A**	1.00	1.00
EN(A,D,W)4X48*21**	*8MX*1102120**	0.99	0.99	EHD4X48A**	*9MX*1202422A**	1.00	1.01
ENH4X48*21**	*8MX*1102120**	0.99	0.99	EHD4X60A**	*9MX*1202422A**	1.00	0.99
EA*4X48*24A*	*8MX*1352420**	1.00	1.01	EN(A,D)4X48*24**	*9MX*1202422A**	1.00	1.01
EA*4X60*24A*	*8MX*1352420**	1.00	1.00	EN(A,D,W)4X60*24**	*9MX*1202422A**	1.00	1.00
EHD4X48A**	*8MX*1352420**	1.00	1.01	ENH4X60*24**	*9MX*1202422A**	1.00	1.00
EHD4X60A**	*8MX*1352420**	1.00	0.99	EHD4X60A**	*9MV*0801716A**	1.01	1.03
EN(A,D)4X48*24**	*8MX*1352420**	1.00	1.01	EA*4X48*21A*	*9MV*0802120A**	0.99	1.02
EN(A,D,W)4X60*24**	*8MX*1352420**	1.00	0.99	EA*4X60*21A*	*9MV*0802120A**	0.99	1.00
ENH4X60*24**	*8MX*1352420**	1.00	0.99	EHD4X48A**	*9MV*0802120A**	0.99	1.01
EA*4X48*17A*	*8MV*0901716**	1.00	1.02	EHD4X60A**	*9MV*0802120A**	1.00	1.00
EHD4X48A**	*8MV*0901716**	1.00	1.02	EN(A,D,W)4X48*21**	*9MV*0802120A**	0.99	1.01
EHD4X60A**	*8MV*0901716**	1.00	1.01	ENH4X48*21**	*9MV*0802120A**	0.99	1.01
EA*4X48*21A*	*8MV*1102120**	1.00	1.03	EA*4X48*21A*	*9MV*1002120A**	0.99	1.01
EA*4X60*21A*	*8MV*1102120**	1.00	1.01	EA*4X60*21A*	*9MV*1002120A**	0.99	0.99
EHD4X48A**	*8MV*1102120**	1.00	1.02	EHD4X48A**	*9MV*1002120A**	0.99	1.00
EHD4X60A**	*8MV*1102120**	1.00	1.00	EHD4X60A**	*9MV*1002120A**	0.99	0.98
EN(A,D,W)4X48*21**	*8MV*1102120**	0.99	1.01	EN(A,D,W)4X48*21**	*9MV*1002120A**	0.99	1.01
ENH4X48*21**	*8MV*1102120**	0.99	1.01	ENH4X48*21**	*9MV*1002120A**	0.99	1.01

HEATING MULTIPLIERS FOR COMBINATION RATINGS: N4H448GKF

Heating Indoor Model	Furnace Model	Capacity	Power
EA*4X48*24A*	*9MV*1202422A**	0.99	1.01
EA*4X60*24A*	*9MV*1202422A**	1.00	1.01
EHD4X48A**	*9MV*1202422A**	0.99	1.01
EHD4X60A**	*9MV*1202422A**	1.00	0.99
EN(A,D)4X48*24**	*9MV*1202422A**	0.99	1.01
EN(A,D,W)4X60*24**	*9MV*1202422A**	0.99	0.99
ENH4X60*24**	*9MV*1202422A**	0.99	0.99
EA*4X48*21A*	*9MA*0802120A**	0.99	1.02
EA*4X60*21A*	*9MA*0802120A**	0.99	1.01
EHD4X48A**	*9MA*0802120A**	0.99	1.01
EHD4X60A**	*9MA*0802120A**	0.99	1.00
EN(A,D,W)4X48*21**	*9MA*0802120A**	0.99	1.02
ENH4X48*21**	*9MA*0802120A**	0.99	1.02
EA*4X48*21A*	*9MA*1002122A**	0.99	1.01
EA*4X60*21A*	*9MA*1002122A**	1.00	1.01
EHD4X48A**	*9MA*1002122A**	1.00	1.01
EHD4X60A**	*9MA*1002122A**	1.00	0.99
EN(A,D,W)4X48*21**	*9MA*1002122A**	0.99	1.01
ENH4X48*21**	*9MA*1002122A**	1.00	1.02
EA*4X48*24A*	*9MA*1202422A**	0.99	1.02
EA*4X60*24A*	*9MA*1202422A**	0.99	1.01
EHD4X48A**	*9MA*1202422A**	0.99	1.01
EHD4X60A**	*9MA*1202422A**	0.99	1.00
EN(A,D)4X48*24**	*9MA*1202422A**	0.99	1.02
EN(A,D,W)4X60*24**	*9MA*1202422A**	0.99	1.01
ENH4X60*24**	*9MA*1202422A**	0.99	1.01
EA*4X48*21A*	*9MA*0602120A**	0.99	1.04
EA*4X60*21A*	*9MA*0602120A**	0.99	1.03
EHD4X48A**	*9MA*0602120A**	1.00	1.04
EHD4X60A**	*9MA*0602120A**	1.00	1.03
EN(A,D,W)4X48*21**	*9MA*0602120A**	0.99	1.03
ENH4X48*21**	*9MA*0602120A**	0.99	1.03
EA*4X48*21A*	NOMV156E19*	1.00	1.03
EA*4X60*21A*	NOMV156E19*	1.00	1.02
EHD4X48A**	NOMV156E19*	1.00	1.02
EHD4X60A**	NOMV156E19*	1.00	1.01

Heating Indoor Model	Furnace Model	Capacity	Power
EN(A,D,W)4X48*21**	NOMV156E19*	1.00	1.03
ENH4X48*21**	NOMV156E19*	1.00	1.03
EA*4X48*24A*	OLV154F20A	1.02	1.02
EA*4X60*24A*	OLV154F20A	1.02	1.01
EN(A,D)4X48*24**	OLV154F20A	1.02	1.02
EN(A,D,W)4X60*24**	OLV154F20A	1.02	1.01
EA*4X48*24A*	OMV154L20A	1.00	1.02
EA*4X60*24A*	OMV154L20A	1.00	1.01
EHD4X48A**	OMV154L20A	1.00	1.01
EHD4X60A**	OMV154L20A	1.00	0.99
EN(A,D)4X48*24**	OMV154L20A	1.00	1.02
EN(A,D,W)4X60*24**	OMV154L20A	1.00	1.01
ENH4X60*24**	OMV154L20A	1.00	1.01
EA*4X48*17A*		1.02	1.03
EA*4X48*21A*	MV16**21C*	0.99	1.00
EA*4X48*24A*	MV20**24C*	0.98	0.99
EA*4X60*21A*		1.02	1.03
EA*4X60*21A*	MV16**21C*	0.99	0.98
EA*4X60*24A*		1.02	1.03
EA*4X60*24A*	MV20**24C*	0.99	0.99
EHD4X48A**		1.02	1.03
EHD4X48A**	MV16**21C*	0.99	0.98
EHD4X48A**	MV20**24C*	0.99	0.99
EHD4X60A**		1.03	1.04
EHD4X60A**	MV16**21C*	0.99	0.97
EHD4X60A**	MV20**24C*	0.99	0.98
EN(A,D)4X48*24**		1.02	1.04
EN(A,D)4X48*24**	MV20**24C*	0.99	1.00
EN(A,D,W)4X48*21**	EN(A,D,W)4X48*21**	1.02	1.04
EN(A,D,W)4X48*21**	MV16**21C*	0.99	0.99
EN(A,D,W)4X60*24**		1.02	1.04
EN(A,D,W)4X60*24**	MV20**24C*	0.99	0.99
ENH4X48*21**		1.02	1.04
ENH4X48*21**	MV16**21C*	0.99	0.99
ENH4X60*24**		1.02	1.04
ENH4X60*24**	MV20**24C*	0.99	0.99

EXPANDED HEATING PERFORMANCE RATINGS For Outdoor / Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.org.
New ratings may be listed online before Specification Sheets are updated.

N4H460GKF Outdoor With FEM4X60**B* Indoor Heating																											
Outdoor Ambient Temperature - Degrees F, Dry Bulb																											
Entering Indoor Temperature - Degrees F, Dry Bulb																											
CFM	65			70			75			65			70			75			65			70			75		
1750	MBh†	19.92	18.96	17.86	26.13	25.18	24.18	32.70	31.78	30.83	40.40	39.14	38.13	48.32	47.61	46.97	56.33	55.50	54.71	65.47	64.62	63.72	74.04	73.09	72.12		
	T/R	11.20	10.60	10.00	14.70	14.10	13.50	18.40	17.80	17.30	22.70	22.00	21.30	27.20	26.70	26.30	31.70	31.10	30.60	36.80	36.20	35.70	41.60	41.00	40.40		
	AMPS*	14.46	15.05	15.67	15.12	15.74	16.41	15.77	16.44	17.15	16.58	17.26	18.01	17.47	18.26	19.12	18.39	19.22	20.09	19.14	19.98	20.89	20.10	20.97	21.89		
	HI PR	220	236	251	234	250	266	249	266	283	267	283	301	288	307	327	310	329	348	329	348	368	351	371	391		
LO PR	34	34	34	44	44	44	55	55	56	67	68	68	81	82	82	97	98	98	115	115	116	131	132	132			
2000	MBh†	20.34	19.33	18.23	26.60	25.65	24.62	33.24	32.31	31.35	41.69	39.79	38.76	48.89	48.18	47.51	57.20	56.35	55.49	65.93	65.09	64.24	74.13	73.21	72.29		
	T/R	10.00	9.50	8.90	13.10	12.60	12.10	16.40	15.90	15.40	20.50	19.50	19.00	24.00	23.60	23.30	28.10	27.70	27.20	32.40	32.00	31.50	36.50	35.90	35.40		
	AMPS*	14.62	15.21	15.83	15.22	15.85	16.51	15.81	16.47	17.18	16.64	17.22	17.96	17.32	18.11	18.94	18.08	18.92	19.78	18.80	19.63	20.51	19.60	20.46	21.36		
	HI PR	217	232	248	229	245	262	243	260	277	261	276	293	278	297	316	296	316	335	314	333	353	334	353	373		
LO PR	34	34	34	44	44	44	55	55	55	67	68	68	81	82	82	97	98	98	114	114	115	129	130	130			
2250	MBh†	20.71	19.68	18.59	27.01	26.05	25.03	33.71	32.77	31.81	42.13	40.43	39.31	49.42	48.71	48.00	57.87	57.02	56.18	66.21	65.41	64.58	73.92	73.09	72.20		
	T/R	9.10	8.60	8.10	11.80	11.40	10.90	14.70	14.30	13.80	18.40	17.60	17.10	21.60	21.30	20.90	25.30	24.90	24.50	29.00	28.50	28.10	32.30	31.90	31.40		
	AMPS*	14.80	15.39	16.01	15.35	15.98	16.64	15.90	16.56	17.27	16.65	17.25	17.99	17.28	18.06	18.87	17.92	18.74	19.61	18.60	19.42	20.28	19.28	20.13	21.01		
	HI PR	215	230	246	226	242	258	238	255	272	255	270	287	271	289	308	286	305	325	303	322	342	320	339	359		
LO PR	34	34	34	43	44	44	55	55	55	67	67	68	81	81	82	97	97	98	112	113	114	127	127	128			

† Total capacities are net (I.D blower heat added) system capacities based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.
* System amps are total of indoor and outdoor amps
T/R - Temp Rise is based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in Temp Rise may occur.

HEATING MULTIPLIERS FOR COMBINATION RATINGS: N4H460GKF

HEATING MULTIPLIERS FOR COMBINATION RATINGS: N4H460GKF				HEATING MULTIPLIERS FOR COMBINATION RATINGS: N4H460GKF			
Heating Indoor Model	Furnace Model	Capacity	Power	ENH4X60*24**	*9MX*1202422A**	0.98	1.03
*FXM4X60**A*		1.00	1.00	EA*4X60*21A*	*9MV*1002120A**	0.99	1.04
FCM4X60****		0.99	0.99	EHD4X60A**	*9MA*0802120A**	0.99	1.02
FEM4X60**A*		0.99	1.00	EHD4X60A**	*9MA*0802120A**	0.98	1.03
FVM4X60****		0.99	0.99	EA*4X60*21A*	*9MA*1002122A**	0.98	1.03
EA*4X60*21A*	*8MX*1102120**	0.98	1.02	EHD4X60A**	*9MA*1002122A**	0.99	1.02
EHD4X60A**	*8MX*1102120**	0.99	1.01	EA*4X60*24A*	*9MA*1202422A**	0.98	1.03
EA*4X60*24A*	*8MX*1352420**	0.98	1.03	EHD4X60A**	*9MA*1202422A**	0.98	1.01
EHD4X60A**	*8MX*1352420**	0.99	1.01	EN(A,D,W)4X60*24**	*9MA*1202422A**	0.98	1.03
EN(A,D,W)4X60*24**	*8MX*1352420**	0.98	1.02	ENH4X60*24**	*9MA*1202422A**	0.98	1.03
ENH4X60*24**	*8MX*1352420**	0.98	1.02	EA*4X60*21A*		0.99	1.04
EA*4X60*21A*	*8MV*1102120**	0.99	1.04	EA*4X60*21A*	MV16**21C*	0.99	1.02
EHD4X60A**	*8MV*1102120**	0.99	1.02	EA*4X60*24A*		0.99	1.04
EA*4X60*24A*	*8MV*1352422**	0.98	1.02	EA*4X60*24A*	MV20**24C*	0.98	1.02
EHD4X60A**	*8MV*1352422**	0.98	1.00	EHD4X60A**		1.01	1.04
EN(A,D,W)4X60*24**	*8MV*1352422**	0.98	1.02	EHD4X60A**	MV16**21C*	0.99	1.00
ENH4X60*24**	*8MV*1352422**	0.98	1.02	EHD4X60A**	MV20**24C*	0.99	1.01
EHD4X60A**	*9MX*0802120A**	0.99	1.02	EN(A,D,W)4X60*24**		0.99	1.04
EHD4X60A**	*9MX*1002120A**	1.01	1.04	EN(A,D,W)4X60*24**	MV20**24C*	0.98	1.02
EA*4X60*24A*	*9MX*1202422A**	0.98	1.03	ENH4X60*24**		0.99	1.04
EHD4X60A**	*9MX*1202422A**	0.99	1.02	ENH4X60*24**	MV20**24C*	0.98	1.02
EN(A,D,W)4X60*24**	*9MX*1202422A**	0.98	1.03				

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS Indoor Models

Model	Indoor Model *Tested Combo	Furnace Model	COOLING						HEATING					
			Factory Installed	Capacity	SEER				HIGH TEMP		LOW TEMP			
					Standard	Piston	TDR	TXV	EER	Capacity	COP	Capacity	COP	HSPF
N4H418GKF1	*FEM4X18**B*		TDR&TXV	17,800	14.0				11.5	17,600	3.72	10,400	2.40	8.0
N4H424GKF1	*FEM4X30**B*		TDR&TXV	22,600	14.0				11.5	21,800	3.60	13,400	2.42	7.8
N4H430GKF1	*FEM4X30**B*		TDR&TXV	30,000	14.0				11.5	29,600	3.58	18,300	2.44	8.0
N4H436GKF2	*FEM4X36**B*		TDR&TXV	33,600	14.0				11.7	34,000	3.74	20,400	2.42	8.0
N4H442GKF1	*FEM4X48**B*		TDR&TXV	41,000	14.0				11.5	39,000	3.74	23,600	2.60	8.0
N4H448GKF1	*FEM4X60**B*		TDR&TXV	45,500	14.0				11.5	45,000	3.70	26,600	2.48	8.0
N4H460GKF1	*FXM4X60**A*		TDR&TXV	58,500	14.0				11.5	55,500	3.68	35,000	2.62	8.0

For coils not listed with a matching furnace or blower, coil rating applies with any indoor blower device.
For complete ratings information, use the AHRI website directory search: www.AHRI.org. (Occasionally, new ratings will be listed online before Specification Sheets are updated.)

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

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

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

Or scan this QR code:



ACCESSORY USAGE GUIDELINES

Accessory	REQUIRED FOR APPLICATIONS IN SNOW-BELT REGION	REQUIRED FOR LOW-AMBIENT 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 (factory installed)	Standard (factory installed)	Standard (factory installed)
Hard Start Kit (Capacitor & Relay)	No	Yes	Yes
Low Ambient Kit (Pressure Switch)	No	Yes**	No
Support Feet, 4" (102mm) tall	Yes	Recommended	No
Liquid Line Solenoid Valve	No	No	See Long-Line Application Guideline

* For Line Set lengths between 80 and 200 ft (24.4 and 61m) horizontal. or more than 20 ft (6.1m) indoor-outdoor vertical separation, refer to the Long Line Application Guideline document.

** For heat pump low ambient operation use isolation relay accessory listed 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	Isolation relay for low ambient heat pump application	ALL
NASA00201SF	Support Feet, 4" (102mm) tall (5 blocks)	18
NASA001SF	Support Feet, 4" (102mm) tall (4 blocks)	24, 30, 36, 42, 48, 60
NASA00106SS	Snow Stand Kit	ALL
NASA00501CH	Crankcase Heater for Scroll Compressor (208/230 V)	42, 48
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

* Field installed relay required