



N4H3

Product Specifications

EFFICIENT 13 SEER 3-PHASE HEAT PUMP ENVIRONMENTALLY SOUND R-410A REFRIGERANT

2½ THRU 5 TONS SPLIT SYSTEM

208 / 230 Volt, 3-phase, 60 Hz

460 Volt, 3-phase, 60 Hz

REFRIGERATION CIRCUIT

- Copeland Scroll™ compressors on all models
- Crankcase Heaters factory installed 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

- Phase monitor board detects issues with 3-phase line voltage
- Easy access service valves on all models
- Innovative control box design
- 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 ⅜" (10mm) spacing for extra protection

WARRANTY

- 5 year compressor limited warranty
- 1 year parts limited warranty

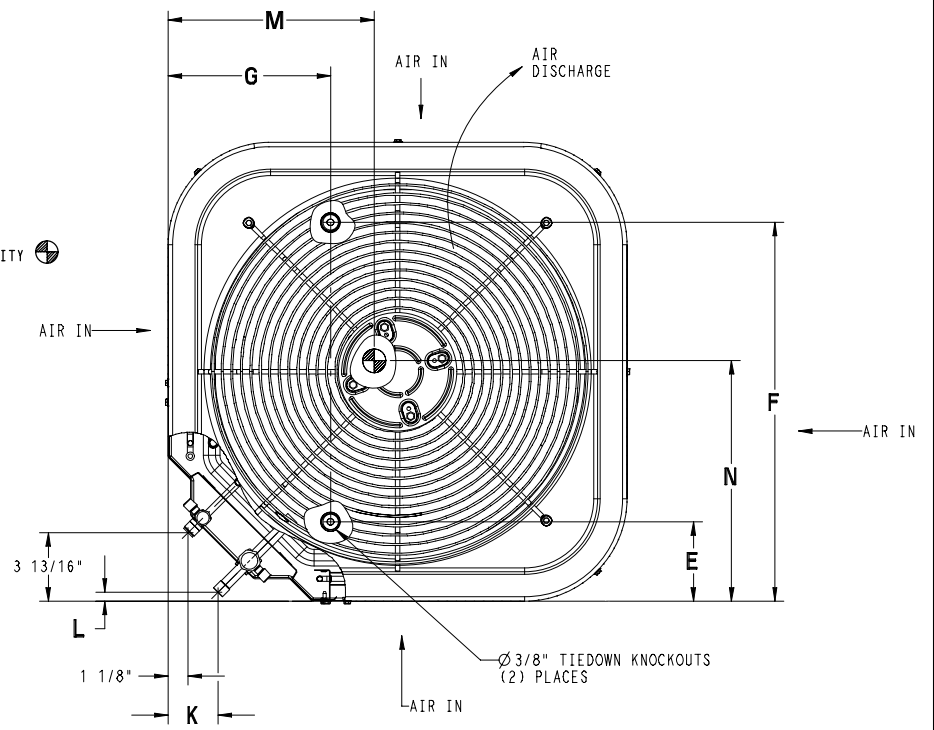
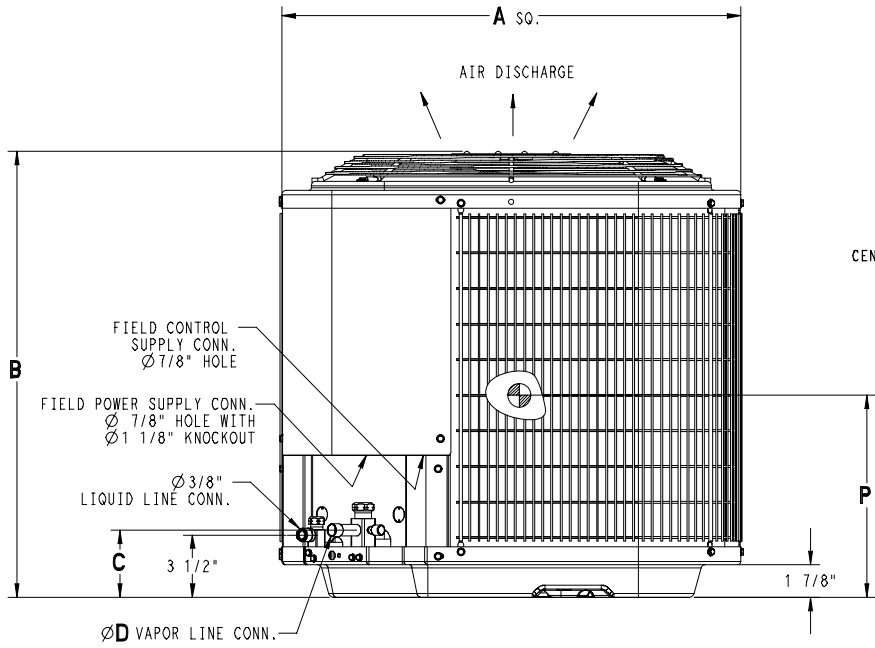


ARI Standard 210/240
Unitary Heat Pumps

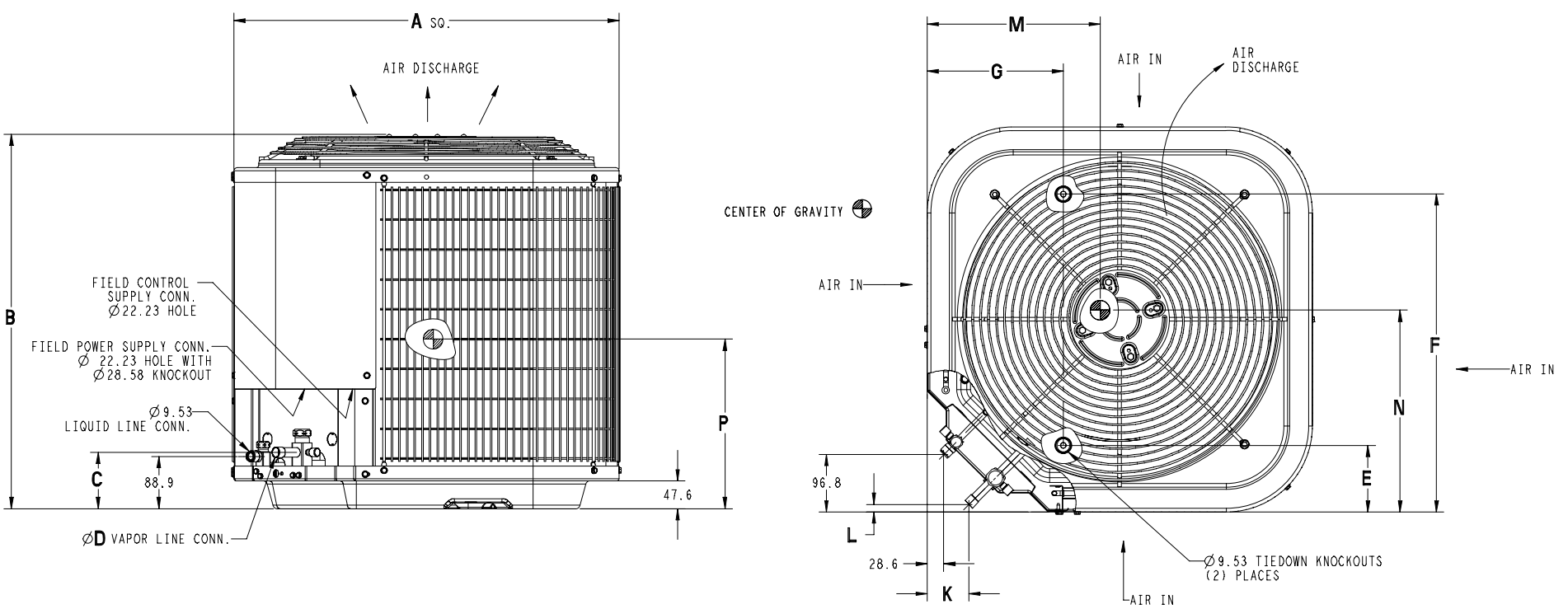
Rated in accordance with ARI Standard 210/240. Certification applies only when used with proper components as listed with ARI.



Model Number	Voltage	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x width x depth in. (mm)	Ship / Operating Weight lbs. (kg)
N4H330GHB	208/230	2½	30,000	13.3	20	39⅞ × 31⅜ × 31⅜ (994 × 792 × 792)	215 / 186 (98 / 84)
N4H336GHB	208/230	3	36,000	15.5	25	28⅝ × 35 × 35 (735 × 889 × 889)	207 / 172 (94 / 78)
N4H336GLB	460			8.0	15		
N4H342GHA	208/230	3½	42,000	18.1	30	39⅞ × 35 × 35 (994 × 889 × 889)	278 / 246 (126 / 112)
N4H342GLA	460			9.4	15		
N4H348GHB	208/230	4	48,000	18.6	30	28⅝ × 35 × 35 (735 × 889 × 889)	273 / 240 (124 / 109)
N4H348GLB	460			8.4	15		
N4H360GHB	208/230	5	60,000	21.1	30	28⅝ × 35 × 35 (735 × 889 × 889)	282 / 250 (128 / 113)
N4H360GLB	460			10.4	15		



Model	Dimensions Inches (English)												Minimum Mounting Pad Size	Crated Dimensions B(h) x A(w) x R(d)
	A	B	C	D	E	F	G	K	L	M	N	P		
N4H330GHB	31 ¹³ / ₁₆	39 ¹ / ₈	3 ³ / ₄	3 ¹ / ₄	6 ⁹ / ₁₆	21 ¹ / ₄	9 ¹ / ₈	2 ¹³ / ₁₆	1 ¹ / ₂	16 ¹ / ₂	15 ¹ / ₂	17	31 ¹ / ₂ x 31 ¹ / ₂	42 ³ / ₄ x 35 ¹ / ₂ x 32 ³ / ₈
N4H336GHB N4H336GLB	35	28 ¹⁵ / ₁₆	3 ³ / ₄	3 ¹ / ₄	6 ⁹ / ₁₆	28 ⁷ / ₁₆	9 ¹ / ₈	2 ¹³ / ₁₆	1 ¹ / ₂	15 ¹ / ₂	15 ³ / ₄	12 ¹ / ₂	35 x 35	32 ⁹ / ₁₆ x 39 ⁵ / ₁₆ x 36 ¹ / ₈
N4H342GHA N4H342GLA	35	39 ¹ / ₈	3 ⁷ / ₈	7 ⁷ / ₈	6 ⁹ / ₁₆	28 ⁷ / ₁₆	9 ¹ / ₈	2 ¹⁵ / ₁₆	5 ⁵ / ₈	17 ¹ / ₄	19 ¹ / ₈	15 ³ / ₄	35 x 35	42 ³ / ₄ x 39 ⁵ / ₁₆ x 36 ¹ / ₈
N4H348GHB N4H348GLB	35	28 ¹⁵ / ₁₆	3 ⁷ / ₈	7 ⁷ / ₈	6 ⁹ / ₁₆	28 ⁷ / ₁₆	9 ¹ / ₈	2 ¹⁵ / ₁₆	5 ⁵ / ₈	17	16	12	35 x 35	32 ⁹ / ₁₆ x 39 ⁵ / ₁₆ x 36 ¹ / ₈
N4H360GHB N4H360GLB	35	28 ¹⁵ / ₁₆	3 ⁷ / ₈	7 ⁷ / ₈	6 ⁹ / ₁₆	28 ⁷ / ₁₆	9 ¹ / ₈	2 ¹⁵ / ₁₆	5 ⁵ / ₈	17	16	12	35 x 35	32 ⁹ / ₁₆ x 39 ⁵ / ₁₆ x 36 ¹ / ₈



Model	Dimensions mm (SI Metric)													
	A	B	C	D	E	F	G	K	L	M	N	P	Minimum Mounting Pad Size	Crated Dimensions B(h) x A(w) x R(d)
N4H330GHB	792	994	95	19	167	540	232	71	13	419	394	432	800 x 800	1086 x 902 x 822
N4H336GHB N4H336GLB	889	735	95	19	167	722	232	71	13	394	400	318	889 x 889	827 x 999 x 918
N4H342GHA N4H342GLA	889	994	98	22	167	722	232	75	16	438	486	400	889 x 889	1086 x 999 x 918
N4H348GHB N4H348GLB	889	735	98	22	167	722	232	75	16	432	406	305	889 x 889	827 x 999 x 918
N4H360GHB N4H360GLB	889	735	98	22	167	722	232	75	16	432	406	305	889 x 889	827 x 999 x 918

PHYSICAL DATA						
Model Size		30	36	42	48	60
Nominal Cooling Capacity (BTU/hr)		30,000	36,000	42,000	48,000	60,000
Nominal SEER		13.0	13.0	13.0	13.0	13.0
Sound Rating (dBA)**		76	72	77	78	77
PSC Fan Motor HP		1/10	1/8	1/5	1/4	1/4
Fan RPM		1100	800	800	800	800
Fan CFM		2600	3300	3800	4000	4000
Coil Face Area ft ² (m ²)		21.60 (2.01)	17.60 (1.64)	25.10 (2.33)	17.60 (1.64)	17.60 (1.64)
Coil Rows – fins per inch		1–20	1–20	1–20	2–20	2–20
Low Pressure Switch	Open Pressure (psig)	23 ± 5	23 ± 5	23 ± 5	23 ± 5	23 ± 5
	Close Pressure (psig)	55 ± 5	55 ± 5	55 ± 5	55 ± 5	55 ± 5
High Pressure Switch	Open Pressure (psig)	670 ± 10	670 ± 10	670 ± 10	670 ± 10	670 ± 10
	Close Pressure (psig)	470 ± 25	470 ± 25	470 ± 25	470 ± 25	470 ± 25
Liquid Line Connection Size in. (mm)		3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vapor Line Connection Size in. (mm)		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)
Recommended Line Set Vapor Tube Diameter in. (mm)*		3/4 (19)*	3/4 (19)*	7/8 (22)*	7/8 (22)*	1½ (29)*
*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.						
Factory Charge R-410A lbs. (kg)		7.50 (3.40)	6.50 (2.95)	8.40 (3.81)	11.40 (5.17)	11.00 (4.99)
Required Subcooling °F (°C)		12 (7)	9 (5)	11 (6)	11 (6)	12 (7)
Weight, shipping lbs. (kg)		215 (98)	207 (94)	278 (126)	273 (124)	282 (128)
Weight, operating lbs. (kg)		186 (84)	172 (78)	246 (112)	240 (109)	250 (113)

ELECTRICAL DATA									
Model Size	30GH	36GH	36GL	42GH	42GL	48GH	48GL	60GH	60GL
Supply Voltage, 3-phase 60 Hz.	208/230	208/230	460	208/230	460	208/230	460	208/230	460
Acceptable Voltage Range, min-max	197-253	197-253	414-506	197-253	414-506	197-253	414-506	197-253	414-506
Minimum Circuit Ampacity – MCA (amps)	13.3	15.5	8.0	18.1	9.4	18.6	8.4	21.1	10.4
Maximum OverCurrent Protective device – MOCP (amps)	20	25	15	30	15	30	15	30	15
Compressor RLA (Rated Load Amps)	10.0	11.70	5.80	13.50	7.10	13.90	6.20	15.90	7.80
LRA (Locked Rotor Amps)	71.0	88.0	38.0	88.0	46.0	83.10	41.0	110.0	52.0
Fan Motor FLA (Full Load Amps)	0.8	0.9	0.9	1.2	1.2	1.2	1.2	1.2	1.2

**Sound Rating tested in accordance with ARI Standard 270–95 (not listed with ARI).

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)
30	3/8 (10)	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
60/61		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.

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)}
Evaporator Freeze Thermostat	No	Yes	No
Accumulator	Standard (factory installed)	Standard (factory installed)	Standard (factory installed)
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.

ACCESSORIES		
Part Number	Description	Used On Model Size
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
NASA001SF	Support Feet, 4" (102mm) tall	ALL
NASA00106SS	Snow Stand Kit	ALL
AXWR01DFC	Fossil Fuel Kit	ALL
NASA401LA	Low Ambient Pressure Switch	ALL
NASA005SC	Hard Start Kit (Capacitor & Relay)	ALL
NASA001SC	Start Component – PTC Device	ALL
NASA001SJ	Sound Jacket, Compressor	30, 36, 42, 48
NASA003SJ	Sound Jacket, Compressor	60
EBAC05TXVX	TXV Kit, R-410A *	30
EBAC06TXVX	TXV Kit, R-410A *	36, 42
EBAC07TXVX	TXV Kit, R-410A *	48, 60

* ONLY converts Fan Coils equipped with factory installed R-22 TXV.

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS

Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool 95° F (35° C)			SEER		Heat 47° F (8.3° C)		Heat 17° F (-8.3° F)		HSPF
				BTU/hr	S / T	EER	Factory	With Field TDR	BTU/hr	COP	BTU/hr	COP	
N4H330GHB	‡FS(M,U)4X30****	†	TDR&TXV	30,000	0.74	10.80	13.00		30,000	3.46	18,700	2.38	8.0
	ED*4X30B**	*8MPV050	TDR&TXV	30,000	0.74	11.00	13.20		30,000	3.46	18,500	2.40	8.0
	ED*4X30B**	MV08B15**B*	TDR&TXV	30,000	0.74	11.70	14.00		30,000	3.52	17,900	2.46	8.0
	ED*4X30B**	†	TXV	30,000	0.74	10.80		13.00	30,000	3.46	18,800	2.38	8.0
	ED*4X30F**	*8MPV075	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.56	18,200	2.46	8.2
	ED*4X30F**	*9MPV050	TDR&TXV	30,000	0.74	11.00	13.50		30,000	3.46	18,200	2.40	8.0
	ED*4X30F**	*9MPV075	TDR&TXV	30,000	0.74	11.20	13.50		30,000	3.48	18,300	2.42	8.0
	ED*4X30F**	*9MVX040	TDR&TXV	30,000	0.74	11.20	13.50		30,000	3.46	18,200	2.42	8.0
	ED*4X30F**	*9MVX060	TDR&TXV	30,000	0.74	11.20	13.50		30,000	3.52	18,300	2.44	8.1
	ED*4X30F**	MV12F19**B*	TDR&TXV	30,000	0.74	11.70	14.00		29,800	3.56	17,800	2.50	8.2
	ED*4X30F**	†	TXV	30,000	0.74	10.80		13.00	30,000	3.46	18,800	2.38	8.0
	ED*4X36B**	*8MPV050	TDR&TXV	30,000	0.74	11.00	13.20		30,000	3.50	18,600	2.40	8.0
	ED*4X36B**	MV08B15**B*	TDR&TXV	30,000	0.74	11.70	14.00		30,000	3.56	17,900	2.48	8.2
	ED*4X36B**	†	TXV	30,000	0.74	10.80		13.00	30,000	3.50	18,800	2.40	8.0
	ED*4X36F**	*8MPV075	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.60	18,200	2.48	8.2
	ED*4X36F**	*9MPV050	TDR&TXV	30,000	0.74	11.20	13.50		30,000	3.48	18,300	2.42	8.0
	ED*4X36F**	*9MPV075	TDR&TXV	30,000	0.74	11.20	13.50		30,000	3.52	18,300	2.44	8.0
	ED*4X36F**	*9MVX040	TDR&TXV	30,000	0.74	11.20	13.50		30,000	3.50	18,300	2.42	8.1
	ED*4X36F**	*9MVX060	TDR&TXV	30,000	0.74	11.20	13.50		30,000	3.56	18,300	2.46	8.2
	ED*4X36F**	MV12F19**B*	TDR&TXV	30,000	0.74	11.70	14.00		29,800	3.58	17,800	2.50	8.2
	ED*4X36F**	†	TXV	30,000	0.74	10.80		13.00	30,000	3.50	18,800	2.40	8.0
	ED*4X36J**	*8MPV100	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.68	18,100	2.54	8.2
	ED*4X36J**	*8MPV125	TDR&TXV	30,000	0.74	12.00	14.00		30,000	3.70	18,100	2.54	8.2
	ED*4X36J**	*9MPV100	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.66	18,200	2.52	8.2
	ED*4X36J**	*9MVX080	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.68	18,300	2.52	8.4
	ED*4X36J**	†	TXV	30,000	0.74	10.80		13.00	30,000	3.50	18,800	2.40	8.0
	EHD4X30A**	*8MPV050	TDR&TXV	30,000	0.74	11.00	13.20		30,000	3.50	18,600	2.40	8.0

ENERGY STAR (Light Commercial) compliance for combinations with both: SEER 13.00 or higher and HSPF 7.7 or higher.

† 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.directory.org. (Occasionally, new ratings will be listed online before Specification Sheets are updated.)

- continued on next page -

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)

Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool 95° F (35° C)			SEER		Heat 47° F (8.3° C)		Heat 17° F (-8.3° F)		HSPF
				BTU/hr	S / T	EER	Factory	With Field TDR	BTU/hr	COP	BTU/hr	COP	
N4H330GHB (continued)	EHD4X30A**	*8MPV075	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.54	18,200	2.46	8.0
	EHD4X30A**	*8MPV100	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.56	18,100	2.48	8.2
	EHD4X30A**	*8MPV125	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.56	18,000	2.48	8.2
	EHD4X30A**	*9MPV050	TDR&TXV	30,000	0.74	11.20	13.50		30,000	3.44	18,200	2.40	7.7
	EHD4X30A**	*9MPV075	TDR&TXV	30,000	0.74	11.20	13.50		30,000	3.46	18,300	2.40	8.0
	EHD4X30A**	*9MPV100	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.52	18,100	2.44	8.0
	EHD4X30A**	*9MPV125	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.52	18,100	2.46	8.0
	EHD4X30A**	*9MVX040	TDR&TXV	30,000	0.74	11.20	13.50		30,000	3.44	18,200	2.40	8.0
	EHD4X30A**	*9MVX060	TDR&TXV	30,000	0.74	11.20	13.50		30,000	3.50	18,300	2.42	8.1
	EHD4X30A**	*9MVX080	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.58	18,200	2.48	8.3
	EHD4X30A**	*9MVX100	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.52	18,000	2.46	8.1
	EHD4X30A**	MV08B15**B*	TDR&TXV	30,000	0.74	11.70	14.00		30,000	3.56	18,000	2.48	8.2
	EHD4X30A**	MV12F19**B*	TDR&TXV	30,000	0.74	11.70	14.00		30,000	3.58	17,900	2.50	8.2
	EHD4X30A**	†	TXV	30,000	0.74	10.80		13.00	30,000	3.50	18,800	2.40	8.0
	EHD4X36A**	*8MPV050	TDR&TXV	30,000	0.74	11.20	13.50		30,000	3.68	18,700	2.48	8.2
	EHD4X36A**	*8MPV075	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.74	18,300	2.52	8.2
	EHD4X36A**	*8MPV100	TDR&TXV	30,000	0.74	12.00	14.00		30,000	3.78	18,200	2.56	8.5
	EHD4X36A**	*8MPV125	TDR&TXV	30,000	0.74	12.00	14.00		30,000	3.78	18,200	2.56	8.5
	EHD4X36A**	*9MPV050	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.62	18,400	2.48	8.2
	EHD4X36A**	*9MPV075	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.64	18,400	2.48	8.2
	EHD4X36A**	*9MPV100	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.76	18,300	2.54	8.5
	EHD4X36A**	*9MPV125	TDR&TXV	30,000	0.74	12.00	14.00		30,000	3.76	18,200	2.54	8.5
	EHD4X36A**	*9MVX040	TDR&TXV	30,000	0.74	11.20	13.50		30,000	3.62	18,400	2.46	8.3
	EHD4X36A**	*9MVX060	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.70	18,400	2.50	8.4
	EHD4X36A**	*9MVX080	TDR&TXV	30,000	0.74	11.70	14.50		30,000	3.80	18,400	2.56	8.5
	EHD4X36A**	*9MVX100	TDR&TXV	30,000	0.74	11.70	14.50		30,000	3.72	18,200	2.54	8.5
	EHD4X36A**	MV08B15**B*	TDR&TXV	30,000	0.74	12.00	14.00		30,000	3.70	18,000	2.54	8.5
	EHD4X36A**	MV12F19**B*	TDR&TXV	30,000	0.74	12.00	14.00		30,000	3.72	17,900	2.56	8.5
	EHD4X36A**	†	TXV	30,000	0.74	11.00		13.20	30,000	3.64	18,900	2.44	8.2
	EMA4X36D**	†	TXV	30,000	0.74	10.80		13.00	30,000	3.48	18,800	2.38	8.0
	FEM4X30***	†	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.60	18,300	2.46	8.2
	FEM4X36***	†	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.72	18,500	2.50	8.5

ENERGY STAR (Light Commercial) compliance for combinations with both: SEER 13.00 or higher and HSPF 7.7 or higher.

† 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.directory.org. (Occasionally, new ratings will be listed online before Specification Sheets are updated.)

- continued on next page -

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)

Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool 95° F (35° C)			SEER		Heat 47° F (8.3° C)		Heat 17° F (-8.3° F)		HSPF
				BTU/hr	S / T	EER	Factory	With Field TDR	BTU/hr	COP	BTU/hr	COP	
N4H330GHB (continued)	FSA4X30**A*	†	TDR&TXV	29,800	0.74	10.50	13.00		30,000	3.40	18,600	2.36	7.7
	FSA4X36**A*	†	TDR&TXV	30,000	0.74	10.50	13.00		30,000	3.48	18,700	2.38	7.8
	FSM4X36****	†	TDR&TXV	30,000	0.74	11.00	13.20		30,000	3.60	18,900	2.42	8.2
	FSU4X36****	†	TDR&TXV	30,000	0.74	10.70	13.00		30,000	3.48	18,800	2.38	8.0
	FVM4X24****	†	TDR&TXV	30,000	0.74	11.50	14.00		30,000	3.56	18,000	2.48	8.2
	FVM4X36****	†	TDR&TXV	30,000	0.74	12.00	14.00		29,800	3.56	17,800	2.48	8.2
N4H336GHB N4H336GLB	‡FSU4X36****	†	TDR&TXV	33,800	0.76	10.60	13.00		35,400	3.54	22,200	2.48	7.8
	ED*4X36B**	*8MPV050	TDR&TXV	33,000	0.76	10.80	13.00		34,800	3.46	21,600	2.48	7.7
	ED*4X36B**	MV08B15**B*	TDR&TXV	33,800	0.76	11.20	13.50		34,400	3.66	21,200	2.60	8.0
	ED*4X36B**	†	TXV	33,400	0.76	10.80		13.00	35,000	3.50	21,800	2.48	7.7
	ED*4X36F**	*8MPV075	TDR&TXV	33,800	0.76	11.20	13.50		34,600	3.62	21,400	2.56	7.9
	ED*4X36F**	*9MPV050	TDR&TXV	33,400	0.76	10.80	13.20		35,000	3.52	21,600	2.50	7.7
	ED*4X36F**	*9MPV075	TDR&TXV	33,400	0.76	11.00	13.50		34,800	3.56	21,600	2.52	7.8
	ED*4X36F**	*9MVX040	TDR&TXV	33,400	0.76	10.80	13.20		34,800	3.52	21,600	2.48	7.7
	ED*4X36F**	*9MVX060	TDR&TXV	33,600	0.76	11.00	13.50		34,800	3.58	21,600	2.54	7.8
	ED*4X36F**	MV12F19**B*	TDR&TXV	34,000	0.76	11.50	14.00		34,200	3.70	21,000	2.62	8.1
	ED*4X36F**	†	TXV	33,600	0.76	10.70		13.00	35,200	3.54	22,000	2.50	7.8
	ED*4X36J**	*8MPV100	TDR&TXV	34,200	0.76	11.50	14.00		34,600	3.74	21,400	2.64	8.2
	ED*4X36J**	*8MPV125	TDR&TXV	34,200	0.76	11.50	14.00		34,400	3.74	21,400	2.64	8.2
	ED*4X36J**	*9MPV100	TDR&TXV	34,000	0.76	11.50	14.00		34,600	3.70	21,600	2.60	8.1
	ED*4X36J**	*9MVX080	TDR&TXV	34,200	0.76	11.20	13.50		34,600	3.70	21,600	2.62	8.1
	ED*4X36J**	MV16J22**B*	TDR&TXV	34,000	0.76	12.00	14.50		34,200	3.72	21,000	2.64	8.1
	ED*4X36J**	†	TXV	33,600	0.76	10.70		13.00	35,200	3.54	22,000	2.50	7.8
	ED*4X42F**	*8MPV075	TDR&TXV	34,000	0.76	11.50	14.00		34,400	3.66	21,600	2.60	8.1
	ED*4X42F**	*9MPV050	TDR&TXV	33,600	0.76	11.00	13.20		34,800	3.56	21,800	2.52	7.8
	ED*4X42F**	*9MPV075	TDR&TXV	33,800	0.76	11.20	13.50		34,600	3.60	21,600	2.54	7.9
	ED*4X42F**	*9MVX040	TDR&TXV	33,600	0.76	10.80	13.20		34,600	3.56	21,800	2.52	7.8
	ED*4X42F**	*9MVX060	TDR&TXV	34,000	0.76	11.00	13.50		34,600	3.62	21,600	2.56	8.0

ENERGY STAR (Light Commercial) compliance for combinations with both: SEER 13.00 or higher and HSPF 7.7 or higher.

† 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.AHRIdirectory.org. (Occasionally, new ratings will be listed online before Specification Sheets are updated.)

- continued on next page -

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)

Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool 95° F (35° C)			SEER		Heat 47° F (8.3° C)		Heat 17° F (-8.3° F)		HSPF
				BTU/hr	S / T	EER	Factory	With Field TDR	BTU/hr	COP	BTU/hr	COP	
N4H336GHB N4H336GLB (continued)	ED*4X42F**	MV12F19**B*	TDR&TXV	34,200	0.76	11.50	14.00		34,000	3.74	21,000	2.66	8.2
	ED*4X42F**	†	TXV	33,800	0.76	10.80		13.00	35,000	3.58	22,200	2.52	7.9
	ED*4X42J**	*8MPV100	TDR&TXV	34,600	0.76	11.50	14.00		34,400	3.76	21,600	2.66	8.2
	ED*4X42J**	*8MPV125	TDR&TXV	34,600	0.76	11.50	14.00		34,200	3.78	21,400	2.66	8.3
	ED*4X42J**	*9MPV100	TDR&TXV	34,400	0.76	11.50	14.00		34,400	3.72	21,600	2.62	8.2
	ED*4X42J**	*9MVX080	TDR&TXV	34,400	0.76	11.50	14.00		34,400	3.74	21,600	2.64	8.2
	ED*4X42J**	MV16J22**B*	TDR&TXV	34,200	0.76	12.00	14.50		34,000	3.76	21,000	2.66	8.2
	ED*4X42J**	†	TXV	33,800	0.76	10.80		13.00	35,000	3.58	22,200	2.52	7.9
	ED*4X42L**	*9MPV125	TDR&TXV	34,400	0.76	11.50	14.00		34,400	3.76	21,400	2.66	8.2
	ED*4X42L**	*9MVX100	TDR&TXV	34,400	0.76	11.50	14.00		34,200	3.74	21,400	2.64	8.2
	ED*4X42L**	MV20L24**B*	TDR&TXV	34,200	0.76	12.00	14.50		34,000	3.76	21,000	2.66	8.2
	ED*4X42L**	†	TXV	33,800	0.76	10.80		13.00	35,000	3.58	22,200	2.52	7.9
	EHD4X36A**	*8MPV050	TDR&TXV	34,000	0.76	11.00	13.20		34,600	3.58	21,800	2.54	7.9
	EHD4X36A**	*8MPV075	TDR&TXV	34,600	0.76	11.50	14.00		34,200	3.72	21,600	2.62	8.2
	EHD4X36A**	*8MPV100	TDR&TXV	34,800	0.76	11.50	14.00		34,200	3.80	21,600	2.68	8.3
	EHD4X36A**	*8MPV125	TDR&TXV	34,800	0.76	11.70	14.50		34,000	3.80	21,400	2.68	8.3
	EHD4X36A**	*9MPV050	TDR&TXV	34,000	0.76	11.20	13.50		34,600	3.62	21,800	2.56	7.9
	EHD4X36A**	*9MPV075	TDR&TXV	34,200	0.76	11.20	13.50		34,400	3.64	21,600	2.58	8.0
	EHD4X36A**	*9MPV100	TDR&TXV	34,800	0.76	11.50	14.00		34,200	3.76	21,600	2.64	8.2
	EHD4X36A**	*9MPV125	TDR&TXV	34,800	0.76	11.50	14.00		34,200	3.78	21,600	2.66	8.3
	EHD4X36A**	*9MVX040	TDR&TXV	34,000	0.76	11.00	13.50		34,600	3.60	21,800	2.54	7.8
	EHD4X36A**	*9MVX060	TDR&TXV	34,400	0.76	11.20	13.50		34,400	3.68	21,800	2.60	8.1
	EHD4X36A**	*9MVX080	TDR&TXV	34,800	0.76	11.50	14.00		34,200	3.78	21,800	2.66	8.2
	EHD4X36A**	*9MVX100	TDR&TXV	34,600	0.76	11.50	14.00		34,200	3.76	21,400	2.66	8.2
	EHD4X36A**	MV08B15**B*	TDR&TXV	34,600	0.76	11.50	14.00		34,000	3.78	21,200	2.66	8.2
	EHD4X36A**	MV12F19**B*	TDR&TXV	34,600	0.76	11.50	14.00		33,800	3.80	21,200	2.70	8.3
	EHD4X36A**	MV16J22**B*	TDR&TXV	34,600	0.76	12.00	14.50		33,800	3.80	21,200	2.70	8.3
	EHD4X36A**	MV20L24**B*	TDR&TXV	34,600	0.76	12.00	14.50		33,800	3.80	21,200	2.70	8.3
	EHD4X36A**	†	TXV	34,400	0.76	11.00		13.20	34,600	3.62	22,200	2.56	8.0

ENERGY STAR (Light Commercial) compliance for combinations with both: SEER 13.00 or higher and HSPF 7.7 or higher.

† 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.AHRIdirectory.org. (Occasionally, new ratings will be listed online before Specification Sheets are updated.)

- continued on next page -

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)

Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool 95° F (35° C)			SEER		Heat 47° F (8.3° C)		Heat 17° F (-8.3° F)		HSPF
				BTU/hr	S / T	EER	Factory	With Field TDR	BTU/hr	COP	BTU/hr	COP	
N4H336GHB N4H336GLB (continued)	EHD4X42A**	*8MPV050	TDR&TXV	34,200	0.76	11.20	13.50		34,200	3.60	21,800	2.56	8.0
	EHD4X42A**	*8MPV075	TDR&TXV	34,800	0.76	11.50	14.00		34,000	3.74	21,600	2.66	8.2
	EHD4X42A**	*8MPV100	TDR&TXV	35,200	0.76	11.50	14.00		33,800	3.82	21,600	2.70	8.4
	EHD4X42A**	*8MPV125	TDR&TXV	35,200	0.76	12.00	14.50		33,600	3.84	21,600	2.72	8.4
	EHD4X42A**	*9MPV050	TDR&TXV	34,400	0.76	11.20	13.50		34,200	3.64	21,800	2.58	8.0
	EHD4X42A**	*9MPV075	TDR&TXV	34,400	0.76	11.20	13.50		34,000	3.66	21,800	2.60	8.1
	EHD4X42A**	*9MPV100	TDR&TXV	35,000	0.76	11.50	14.00		33,800	3.78	21,800	2.68	8.3
	EHD4X42A**	*9MPV125	TDR&TXV	35,000	0.76	11.50	14.00		33,800	3.80	21,600	2.70	8.4
	EHD4X42A**	*9MVX040	TDR&TXV	34,400	0.76	11.00	13.50		34,200	3.62	21,800	2.56	8.0
	EHD4X42A**	*9MVX060	TDR&TXV	34,600	0.76	11.00	13.50		34,000	3.70	21,800	2.62	8.1
	EHD4X42A**	*9MVX080	TDR&TXV	35,200	0.76	11.50	14.00		33,800	3.80	21,800	2.68	8.2
	EHD4X42A**	*9MVX100	TDR&TXV	35,000	0.76	11.50	14.50		33,800	3.78	21,600	2.68	8.2
	EHD4X42A**	MV08B15**B*	TDR&TXV	34,800	0.76	11.50	14.00		33,600	3.80	21,200	2.68	8.3
	EHD4X42A**	MV12F19**B*	TDR&TXV	35,000	0.76	12.00	14.00		33,600	3.82	21,200	2.72	8.4
	EHD4X42A**	MV16J22**B*	TDR&TXV	35,000	0.76	12.00	14.50		33,600	3.84	21,200	2.72	8.4
	EHD4X42A**	MV20L24**B*	TDR&TXV	35,000	0.76	12.00	14.50		33,600	3.82	21,200	2.72	8.4
	EHD4X42A**	†	TXV	34,600	0.76	11.00		13.20	34,200	3.64	22,200	2.58	8.0
	EMA4X36D**	†	TXV	33,600	0.76	10.70		13.00	35,400	3.54	22,000	2.50	7.8
	FEM4X36****	†	TDR&TXV	34,800	0.76	11.50	14.00		33,800	3.72	21,800	2.64	8.2
	FEM4X42****	†	TDR&TXV	34,800	0.76	11.50	14.00		33,800	3.70	21,800	2.64	8.2
	FS(M,U)4X42****	†	TDR&TXV	34,200	0.76	10.80	13.00		34,200	3.54	22,200	2.52	7.9
	FSM4X36****	†	TDR&TXV	34,200	0.76	10.80	13.00		34,200	3.56	22,200	2.54	7.9
	FVM4X24****	†	TDR&TXV	33,600	0.76	11.50	14.00		34,800	3.66	21,200	2.58	8.0
	FVM4X36****	†	TDR&TXV	34,000	0.76	11.70	14.50		34,400	3.70	21,000	2.62	8.1

ENERGY STAR (Light Commercial) compliance for combinations with both: SEER 13.00 or higher and HSPF 7.7 or higher.

† 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.AHRIdirectory.org. (Occasionally, new ratings will be listed online before Specification Sheets are updated.)

- continued on next page -

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)

Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool 95° F (35° C)			SEER		Heat 47° F (8.3° C)		Heat 17° F (-8.3° F)		HSPF
				BTU/hr	S / T	EER	Factory	With Field TDR	BTU/hr	COP	BTU/hr	COP	
N4H342GHA N4H342GLA	‡FS(M,U)4X42****	†	TDR&TXV	40,500	0.76	10.50	13.00		42,000	3.54	26,400	2.46	8.1
	ED*4X42F**	†	TXV	40,000	0.76	10.50		13.00	42,000	3.50	26,200	2.46	8.0
	ED*4X42F**	*8MPV075	TDR&TXV	40,000	0.76	11.00	13.20		41,500	3.48	25,600	2.48	8.0
	ED*4X42F**	*9MPV075	TDR&TXV	39,500	0.76	10.50	13.00		42,000	3.40	25,800	2.44	7.7
	ED*4X42F**	*9MVX060	TDR&TXV	40,000	0.76	10.50	13.00		42,000	3.44	25,800	2.46	8.0
	ED*4X42J**	*8MPV100	TDR&TXV	41,000	0.76	10.95	13.20		42,000	3.62	26,000	2.52	8.3
	ED*4X42J**	*8MPV125	TDR&TXV	41,000	0.76	11.20	13.50		42,000	3.62	25,800	2.54	8.3
	ED*4X42J**	*9MPV100	TDR&TXV	40,500	0.76	11.00	13.50		42,000	3.54	25,800	2.50	8.1
	ED*4X42J**	*9MVX080	TDR&TXV	40,500	0.76	11.00	13.50		42,000	3.56	25,600	2.52	8.0
	ED*4X42J**	MV16J22**B*	TDR&TXV	40,500	0.76	11.70	14.00		41,000	3.58	25,000	2.56	8.3
	ED*4X42J**	†	TXV	40,000	0.76	10.50		12.65	42,000	3.50	26,200	2.46	8.0
	ED*4X42L**	*9MPV125	TDR&TXV	40,500	0.76	11.20	13.50		42,000	3.58	25,600	2.54	8.3
	ED*4X42L**	*9MVX100	TDR&TXV	40,000	0.76	11.00	13.50		41,500	3.54	25,400	2.52	8.2
	ED*4X42L**	MV20L24**B*	TDR&TXV	40,500	0.76	11.70	14.00		41,000	3.60	25,000	2.58	8.3
	ED*4X42L**	†	TXV	40,000	0.76	10.50		13.00	42,000	3.50	26,200	2.46	8.0
	ED*4X48F**	*8MPV075	TDR&TXV	41,500	0.76	11.00	13.50		41,000	3.62	26,200	2.54	8.4
	ED*4X48F**	*9MPV075	TDR&TXV	41,000	0.76	11.00	13.50		41,000	3.56	26,000	2.52	8.3
	ED*4X48F**	*9MVX060	TDR&TXV	41,000	0.76	11.00	13.50		41,000	3.58	26,200	2.52	8.2
	ED*4X48F**	†	TXV	41,500	0.76	10.80		13.00	41,000	3.60	26,600	2.54	8.4
	ED*4X48J**	*8MPV100	TDR&TXV	41,500	0.76	11.20	13.50		41,500	3.72	26,200	2.58	8.6
	ED*4X48J**	*8MPV125	TDR&TXV	41,500	0.76	11.20	13.50		41,500	3.74	26,000	2.60	8.6
	ED*4X48J**	*9MPV100	TDR&TXV	41,000	0.76	11.20	13.50		41,500	3.66	26,000	2.56	8.4
	ED*4X48J**	*9MVX080	TDR&TXV	41,000	0.76	11.00	13.50		41,500	3.68	25,800	2.58	8.4
	ED*4X48J**	MV16J22**B*	TDR&TXV	41,000	0.76	11.70	14.00		41,000	3.74	25,200	2.62	8.6
	ED*4X48J**	†	TXV	41,000	0.76	10.80		13.00	42,000	3.60	26,400	2.52	8.3
	ED*4X48L**	*9MPV125	TDR&TXV	41,500	0.76	11.20	13.50		41,500	3.70	25,800	2.58	8.5
	ED*4X48L**	*9MVX100	TDR&TXV	41,000	0.76	11.20	14.00		41,000	3.68	25,600	2.58	8.3
	ED*4X48L**	MV20L24**B*	TDR&TXV	41,000	0.76	11.70	14.00		41,000	3.74	25,200	2.62	8.6
	ED*4X48L**	†	TXV	41,000	0.76	10.80		13.00	42,000	3.60	26,400	2.52	8.3
	EHD4X42A**	*8MPV075	TDR&TXV	41,000	0.76	11.00	13.50		42,000	3.66	26,200	2.52	8.4
	EHD4X42A**	*8MPV100	TDR&TXV	41,000	0.76	11.20	13.50		42,000	3.74	26,200	2.58	8.6

ENERGY STAR (Light Commercial) compliance for combinations with both: SEER 13.00 or higher and HSPF 7.7 or higher.

† 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.AHRIdirectory.org. (Occasionally, new ratings will be listed online before Specification Sheets are updated.)

- continued on next page -

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)

Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool 95° F (35° C)			SEER		Heat 47° F (8.3° C)		Heat 17° F (-8.3° F)		HSPF
				BTU/hr	S / T	EER	Factory	With Field TDR	BTU/hr	COP	BTU/hr	COP	
N4H342GHA N4H342GLA (continued)	EHD4X42A**	*8MPV125	TDR&TXV	41,000	0.76	11.50	14.00		42,000	3.76	26,000	2.58	8.6
	EHD4X42A**	*9MPV075	TDR&TXV	40,500	0.76	11.00	13.50		42,000	3.58	26,000	2.50	8.2
	EHD4X42A**	*9MPV100	TDR&TXV	40,500	0.76	11.20	13.50		42,000	3.68	26,000	2.54	8.4
	EHD4X42A**	*9MPV125	TDR&TXV	40,500	0.76	11.20	13.50		42,000	3.72	25,800	2.58	8.5
	EHD4X42A**	*9MVX060	TDR&TXV	41,000	0.76	11.00	13.50		42,000	3.60	26,000	2.52	8.2
	EHD4X42A**	*9MVX080	TDR&TXV	41,500	0.76	11.00	13.50		42,000	3.70	25,800	2.56	8.4
	EHD4X42A**	*9MVX100	TDR&TXV	41,000	0.76	11.50	14.00		42,000	3.68	25,600	2.56	8.3
	EHD4X42A**	MV16J22**B*	TDR&TXV	41,500	0.76	11.70	14.00		41,500	3.76	25,200	2.62	8.6
	EHD4X42A**	MV20L24**B*	TDR&TXV	41,500	0.76	11.70	14.00		41,500	3.76	25,200	2.62	8.6
	EHD4X42A**	†	TXV	40,000	0.76	10.80		13.00	42,000	3.64	26,400	2.52	8.3
	EHD4X48A**	*8MPV075	TDR&TXV	41,500	0.76	11.20	13.50		41,500	3.68	26,200	2.54	8.4
	EHD4X48A**	*8MPV100	TDR&TXV	41,500	0.76	11.20	13.50		41,500	3.76	26,200	2.58	8.6
	EHD4X48A**	*8MPV125	TDR&TXV	41,500	0.76	11.50	14.00		41,500	3.80	26,000	2.60	8.7
	EHD4X48A**	*9MPV075	TDR&TXV	41,000	0.76	11.00	13.50		41,500	3.62	26,000	2.52	8.3
	EHD4X48A**	*9MPV100	TDR&TXV	41,000	0.76	11.20	13.50		41,500	3.72	26,000	2.56	8.5
	EHD4X48A**	*9MPV125	TDR&TXV	41,500	0.76	11.50	14.00		41,500	3.76	26,000	2.58	8.6
	EHD4X48A**	*9MVX060	TDR&TXV	41,000	0.76	11.00	13.50		42,000	3.64	26,000	2.52	8.2
	EHD4X48A**	*9MVX080	TDR&TXV	41,500	0.76	11.00	14.00		42,000	3.74	25,800	2.58	8.4
	EHD4X48A**	*9MVX100	TDR&TXV	41,500	0.76	11.00	14.00		42,000	3.72	25,600	2.58	8.4
	EHD4X48A**	MV16J22**B*	TDR&TXV	41,500	0.76	11.70	14.00		41,500	3.80	25,200	2.64	8.6
	EHD4X48A**	MV20L24**B*	TDR&TXV	41,500	0.76	11.70	14.00		41,500	3.80	25,200	2.64	8.6
	EHD4X48A**	†	TXV	41,000	0.76	10.80		13.00	42,000	3.66	26,400	2.52	8.4
	EMA4X48D**	†	TXV	40,500	0.76	10.80		13.00	42,000	3.58	26,400	2.50	8.2
	FEM4X42****	†	TDR&TXV	41,500	0.76	11.00	14.00		42,000	3.68	25,800	2.56	8.3
	FEM4X48****	†	TDR&TXV	42,000	0.76	11.50	14.50		40,500	3.74	25,800	2.64	8.5
	FS(M,U)4X48****	†	TDR&TXV	41,500	0.76	10.80	13.20		41,000	3.54	26,600	2.50	8.2
	FSM4X36****	†	TDR&TXV	41,000	0.76	10.80	13.00		42,000	3.56	26,400	2.48	8.2
	FVM4X48****	†	TDR&TXV	41,500	0.76	12.10	14.00		40,500	3.70	25,200	2.62	8.3
	FVM4X60****	†	TDR&TXV	42,000	0.76	12.00	14.00		39,000	3.74	25,400	2.66	8.4

ENERGY STAR (Light Commercial) compliance for combinations with both: SEER 13.00 or higher and HSPF 7.7 or higher.

† 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.directory.org. (Occasionally, new ratings will be listed online before Specification Sheets are updated.)

- continued on next page -

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)

Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool 95° F (35° C)			SEER		Heat 47° F (8.3° C)		Heat 17° F (-8.3° F)		HSPF
				BTU/hr	S / T	EER	Factory	With Field TDR	BTU/hr	COP	BTU/hr	COP	
N4H348GHB N4H348GLB	‡FS(M,U)4X48****	†	TDR&TXV	47,500	0.74	11.00	13.00		48,000	3.58	30,200	2.54	8.0
	ED*4X48F**	†	TXV	46,500	0.74	11.00		13.00	48,000	3.62	29,800	2.56	8.0
	ED*4X48J**	*8MPV100	TDR&TXV	47,000	0.74	12.00	14.00		48,000	3.68	29,400	2.62	8.0
	ED*4X48J**	*8MPV125	TDR&TXV	47,000	0.74	12.00	14.00		48,000	3.70	29,400	2.62	8.0
	ED*4X48J**	*9MPV100	TDR&TXV	46,500	0.74	11.50	13.50		48,000	3.64	29,600	2.58	8.0
	ED*4X48J**	*9MVX080	TDR&TXV	46,500	0.74	11.20	13.50		48,000	3.64	29,600	2.58	8.0
	ED*4X48J**	MV16J22**B*	TDR&TXV	47,000	0.74	12.00	14.00		47,500	3.74	28,800	2.66	8.2
	ED*4X48J**	†	TXV	47,000	0.74	11.00		13.00	48,000	3.64	30,000	2.56	8.0
	ED*4X48L**	*9MPV125	TDR&TXV	46,500	0.74	12.00	14.00		48,000	3.66	29,400	2.60	8.0
	ED*4X48L**	*9MVX100	TDR&TXV	46,500	0.74	11.50	14.00		48,000	3.64	29,400	2.60	8.0
	ED*4X48L**	†	TDR&TXV	47,000	0.74	12.00	14.00		47,500	3.74	28,800	2.66	8.2
	ED*4X48L**	†	TXV	47,000	0.74	11.00		13.00	48,000	3.64	30,000	2.56	8.0
	ED*4X60J**	*8MPV100	TDR&TXV	48,000	0.74	12.00	14.00		46,000	3.66	29,600	2.66	8.2
	ED*4X60J**	*8MPV125	TDR&TXV	48,000	0.74	12.00	14.00		46,000	3.68	29,400	2.68	8.2
	ED*4X60J**	*9MPV100	TDR&TXV	48,000	0.74	12.00	14.00		46,500	3.62	29,600	2.62	8.0
	ED*4X60J**	*9MVX080	TDR&TXV	48,000	0.74	11.50	14.00		46,500	3.62	29,800	2.62	8.0
	ED*4X60J**	†	TXV	48,000	0.74	11.50		13.50	45,500	3.54	30,200	2.60	8.0
	ED*4X60L**	*9MPV125	TDR&TXV	48,000	0.74	12.00	14.00		46,500	3.64	29,600	2.64	8.0
	ED*4X60L**	*9MVX100	TDR&TXV	48,000	0.74	11.50	14.00		46,500	3.64	29,400	2.62	8.0
	ED*4X60L**	†	TXV	48,000	0.74	11.50		13.50	45,500	3.54	30,200	2.60	8.0
	EHD4X48A**	*8MPV100	TDR&TXV	47,500	0.74	12.00	14.00		48,000	3.72	29,400	2.62	8.0
	EHD4X48A**	*8MPV125	TDR&TXV	47,500	0.74	12.00	14.00		48,000	3.74	29,400	2.64	8.2
	EHD4X48A**	*9MPV100	TDR&TXV	47,000	0.74	11.50	13.50		48,000	3.66	29,600	2.58	8.0
	EHD4X48A**	*9MPV125	TDR&TXV	47,000	0.74	12.00	14.00		48,000	3.68	29,400	2.60	8.0
	EHD4X48A**	*9MVX080	TDR&TXV	47,000	0.74	11.20	13.50		48,000	3.68	29,600	2.60	8.1
	EHD4X48A**	*9MVX100	TDR&TXV	47,000	0.74	11.50	14.00		48,000	3.66	29,400	2.60	8.1
	EHD4X48A**	MV16J22**B*	TDR&TXV	47,500	0.74	12.00	14.00		48,000	3.78	29,000	2.68	8.2
	EHD4X48A**	MV20L24**B*	TDR&TXV	47,500	0.74	12.00	14.00		48,000	3.78	29,000	2.68	8.2
	EHD4X48A**	†	TXV	47,500	0.74	11.00		13.00	48,000	3.70	30,000	2.58	8.0

ENERGY STAR (Light Commercial) compliance for combinations with both: SEER 13.00 or higher and HSPF 7.7 or higher.

† 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.AHRIdirectory.org. (Occasionally, new ratings will be listed online before Specification Sheets are updated.)

- continued on next page -

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)

Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool 95° F (35° C)			SEER		Heat 47° F (8.3° C)		Heat 17° F (-8.3° F)		HSPF
				BTU/hr	S / T	EER	Factory	With Field TDR	BTU/hr	COP	BTU/hr	COP	
N4H348GHB N4H348GLB (continued)	EHD4X60A**	*8MPV100	TDR&TXV	48,000	0.74	12.00	14.00		47,500	3.78	29,600	2.68	8.2
	EHD4X60A**	*8MPV125	TDR&TXV	48,000	0.74	12.00	14.00		47,500	3.78	29,400	2.68	8.2
	EHD4X60A**	*9MPV100	TDR&TXV	48,000	0.74	12.00	14.00		47,500	3.72	29,800	2.64	8.2
	EHD4X60A**	*9MPV125	TDR&TXV	48,000	0.74	12.00	14.00		47,500	3.74	29,600	2.66	8.2
	EHD4X60A**	*9MVX080	TDR&TXV	48,000	0.74	11.50	14.00		47,500	3.72	29,800	2.64	8.1
	EHD4X60A**	*9MVX100	TDR&TXV	48,000	0.74	11.50	14.00		47,500	3.72	29,600	2.64	8.1
	EHD4X60A**	MV16J22**B*	TDR&TXV	48,000	0.74	12.00	14.00		47,000	3.82	29,000	2.72	8.4
	EHD4X60A**	MV20L24**B*	TDR&TXV	48,000	0.74	12.00	14.00		47,000	3.82	29,000	2.72	8.4
	EHD4X60A**	†	TXV	48,000	0.74	11.50		13.50	48,000	3.68	30,200	2.62	8.2
	EMA4X48D**	†	TXV	46,000	0.74	11.00		13.00	48,000	3.46	29,600	2.52	7.7
	FEM4X48****	†	TDR&TXV	48,000	0.74	12.00	14.00		47,500	3.72	29,600	2.64	8.2
	FEM4X60****	†	TDR&TXV	48,000	0.74	12.00	14.00		46,000	3.76	29,600	2.72	8.2
	FS(M,U)4X60****	†	TDR&TXV	48,000	0.74	11.50	13.50		46,500	3.60	30,400	2.60	8.0
	FVM4X48****	†	TDR&TXV	47,500	0.74	12.00	14.00		47,000	3.72	29,000	2.66	8.2
	FVM4X60****	†	TDR&TXV	48,000	0.74	12.00	14.00		46,500	3.82	29,000	2.72	8.2
N4H360GHB N4H360GLB	‡FS(M,U)4X60****	†	TDR&TXV	58,500	0.75	10.80	13.00		58,000	3.52	37,000	2.50	7.7
	ED*4X60J**	*8MPV125	TDR&TXV	58,500	0.75	11.00	13.20		57,500	3.56	36,600	2.54	7.7
	ED*4X60J**	MV16J22**B*	TDR&TXV	59,000	0.75	11.20	13.50		57,000	3.62	36,000	2.58	7.7
	ED*4X60J**	†	TXV	58,000	0.75	10.80		13.00	57,500	3.52	36,600	2.50	7.7
	ED*4X60L**	MV20L24**B*	TDR&TXV	59,000	0.75	11.20	13.50		57,000	3.62	36,000	2.58	7.7
	ED*4X60L**	†	TXV	58,000	0.75	10.80		13.00	57,500	3.52	36,600	2.50	7.7
	EHD4X60A**	*8MPV125	TDR&TXV	58,500	0.75	11.00	13.20		58,500	3.62	36,600	2.54	7.7
	EHD4X60A**	MV16J22**B*	TDR&TXV	59,000	0.75	11.20	13.50		57,500	3.68	36,000	2.60	8.0
	EHD4X60A**	MV20L24**B*	TDR&TXV	59,000	0.75	11.20	13.50		57,500	3.68	36,000	2.60	8.0
	EHD4X60A**	†	TXV	58,500	0.75	10.80		13.00	58,000	3.56	36,600	2.52	7.7
	FEM4X60****	†	TDR&TXV	59,000	0.75	11.20	13.50		57,000	3.66	36,200	2.58	7.7
	FVM4X60****	†	TDR&TXV	59,500	0.75	11.50	14.00		57,000	3.68	36,000	2.60	8.0

ENERGY STAR (Light Commercial) compliance for combinations with both: SEER 13.00 or higher and HSPF 7.7 or higher.

† 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.AHRIdirectory.org. (Occasionally, new ratings will be listed online before Specification Sheets are updated.)



This product has been designed and manufactured to meet ENERGY STAR criteria for energy efficiency when matched with appropriate coil components. However, proper refrigerant charge and proper air flow are critical to achieve rated capacity and efficiency. Installation of this product should follow the manufacturer's refrigerant charging and air flow instructions. Failure to confirm proper charge and airflow may reduce energy efficiency and shorten equipment life.

OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE (3-phase)											
Digit Position:	1	2	3	4	5, 6	7	8	9	10	11	12
Example Part Number:	N	4	H	3	36	G	H	A	1	0	0
Product Family											
4 = R-410A		REFRIGERANT									
A = Air Conditioner											
H = Heat Pump		TYPE									
3 = 13 SEER		NOMINAL EFFICIENCY									
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									
G = Coil Guard Grille		FEATURES									
H = 208/230-3-60											
L = 460-3-60		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)									