TEMPSTAR®
Heating and Cooling Products

N2H4

Performance Series

Product Specifications

HIGH EFFICIENCY 14 SEER HEAT PUMP

1½ THRU 5 TONS SPLIT SYSTEM

208 / 230 Volt, 1−phase, 60 Hz



REFRIGERATION CIRCUIT

- Copeland® compressors on all models
- Suction line accumulator factory installed
- Bi−flow filter−drier supplied with every unit for field installation
- Integrated solid state control with Time−Temperature Defrost
- Low pressure switch
- 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−22 refrigerant

BUILT TO LAST

- Baked−on powder coat finish over galvanized steel
- Post−painted (black) coil fins
- Coated, weather−resistant cabinet screws
- Coated inlet grille with 2” spacing standard, alternate models available with ⅜” grille spacing for extra protection

WARRANTY

- 5 year parts limited warranty (including compressor and coil)

ENERGY STAR PARTNER

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.

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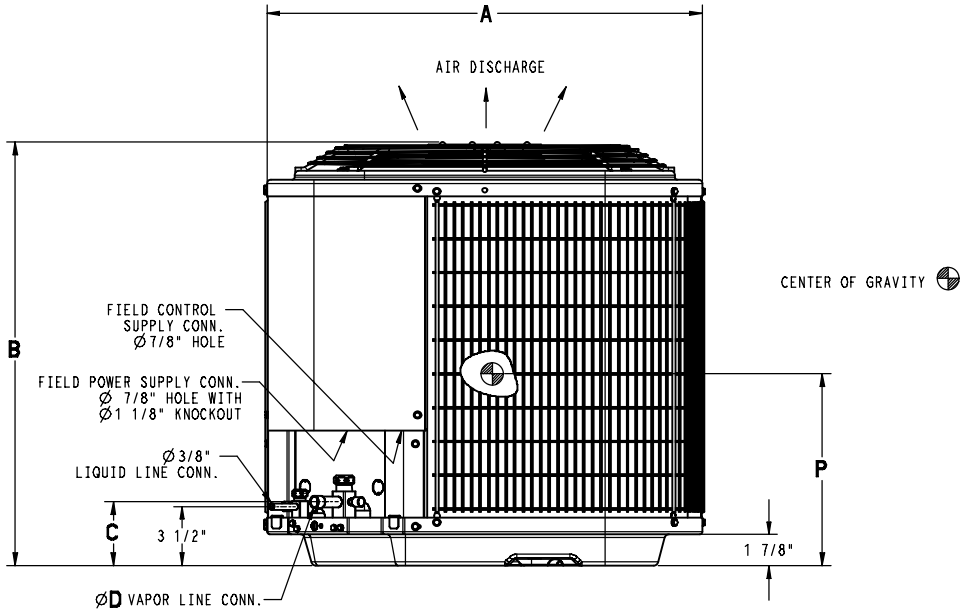
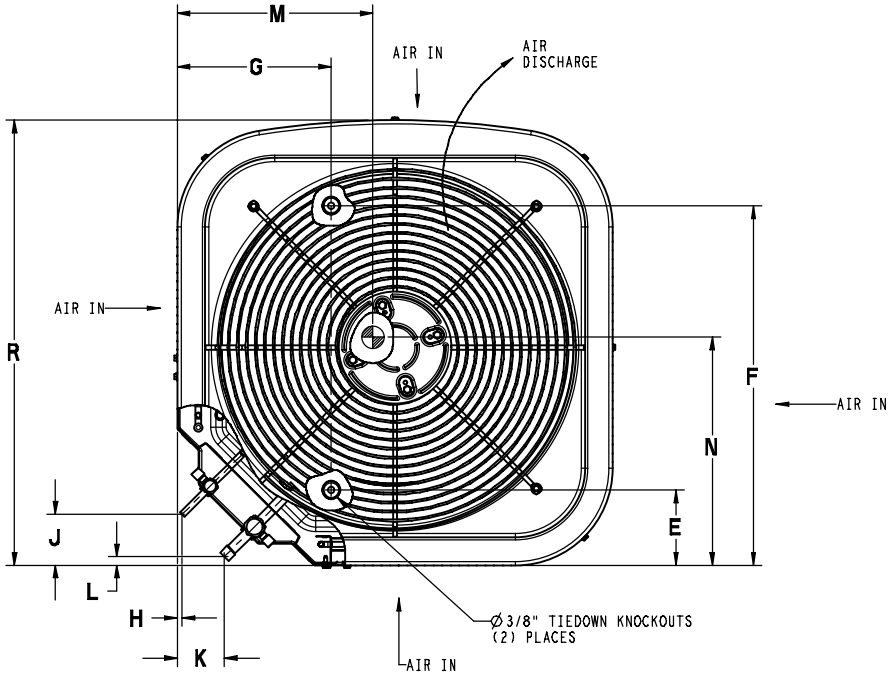
ARI PERFORMANCE CERTIFIED
ARI Standard 210/240
Unitary Heat Pumps

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

Model Number	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x width x depth (in)	Ship / Operating Weight (lbs)
N2H418AKA	1½	18,000	14.9	25	28 15/16 x 31 3/16 x 32 5/16	174 / 149
18GKA	same model with 3/8” spacing inlet grille					
N2H424AKA	2	24,000	14.41	25	32 5/16 x 31 3/16 x 32 5/16	180 / 152
24GKA	same model with 3/8” spacing inlet grille					
N2H430AKA	2½	30,000	20.15	30	32 5/16 x 35 x 36 9/16	254 / 224
30GKA	same model with 3/8” spacing inlet grille					
N2H436AKA	3	36,000	21.25	30	32 5/16 x 35 x 36 9/16	259 / 229
36GKA	same model with 3/8” spacing inlet grille					
N2H442AKA	3½	42,000	28.47	40	35¾ x 35 x 36 9/16	274 / 243
42GKA	same model with 3/8” spacing inlet grille					
N2H448AKA	4	48,000	27.64	40	39⅛ x 35 x 36 9/16	302 / 270
48GKA	same model with 3/8” spacing inlet grille					
N2H460AKA	5	60,000	39.43	60	45 15/16 x 35 x 36 9/16	355 / 321
60GKA	same model with 3/8” spacing inlet grille					

Specifications subject to change without notice.





Model (* = A or G)	All Dimensions Inches																
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	Minimum Mounting Pad Size	Crated Dimensions B(h) x A(w) x R(d)
N2H418*KA	31 3/16	28 15/16	3 3/4	5/8	6 9/16	24 11/16	9 1/8	1 1/8	3 13/16	2 13/16	1/2	14 1/2	14 3/4	11 9/16	32 5/16	31 1/2 x 32 1/2	32 5/8 x 32 3/8 x 33 7/16
N2H424*KA	31 3/16	32 5/16	3 3/4	5/8	6 9/16	24 11/16	9 1/8	1 1/8	3 13/16	2 13/16	1/2	15	15 1/8	13 1/4	32 5/16	31 1/2 x 32 1/2	36 1/16 x 32 3/8 x 33 7/16
N2H430*KA	35	32 5/16	3 3/4	3/4	6 9/16	28 7/16	9 1/8	1 1/8	3 13/16	2 13/16	1/2	16 7/8	16 3/4	13 1/8	36 9/16	35 x 36 1/2	36 1/16 x 36 1/8 x 37 3/4
N2H436*KA	35	32 5/16	3 3/4	3/4	6 9/16	28 7/16	9 1/8	1 1/8	3 13/16	2 13/16	1/2	16 7/8	16 3/4	13 1/8	36 9/16	35 x 36 1/2	36 1/16 x 36 1/8 x 37 3/4
N2H442*KA	35	35 3/4	3 7/8	7/8	6 9/16	28 7/16	9 1/8	1 1/8	3 13/16	2 15/16	5/8	16	17 7/16	15 3/8	36 9/16	35 x 36 1/2	39 7/16 x 36 1/8 x 37 3/4
N2H448*KA	35	39 1/8	3 7/8	7/8	6 9/16	28 7/16	9 1/8	1 1/8	3 13/16	2 15/16	5/8	16 1/2	17 7/16	16 1/8	36 9/16	35 x 36 1/2	42 7/8 x 36 1/8 x 37 3/4
N2H460*KA	35	45 15/16	3 7/8	7/8	6 9/16	28 7/16	9 1/8	1 1/8	3 13/16	2 15/16	5/8	17	17 1/2	18 1/4	36 9/16	35 x 36 1/2	49 5/8 x 36 1/8 x 37 3/4

Specifications subject to change without notice.

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	58,500
Nominal SEER	14.0	14.0	14.0	14.0	14.0	14.0	13.5
Sound Rating (dBA)**	76	77	75	75	76	74	74
PSC Fan Motor HP	1/12	1/10	1/8	1/8	1/8	1/5	1/5
Fan RPM (single speed)	800	1100	1100	800	800	800	800
Fan CFM	2233	2614	2614	3334	3334	4046	4046
Coil Face Area (ft^2)	15.09	17.29	20.12	20.12	22.63	25.15	30.18
Coil Rows − fins per inch	1 − 20	1 − 20	2 − 20	2 − 20	2 − 20	2 − 20	2 − 20
Low Pressure Switch Open Pressure Close Pressure	7 ± 3 PSIG 22 ± 5 PSIG	7 ± 3 PSIG 22 ± 5 PSIG	7 ± 3 PSIG 22 ± 5 PSIG	7 ± 3 PSIG 22 ± 5 PSIG	7 ± 3 PSIG 22 ± 5 PSIG	7 ± 3 PSIG 22 ± 5 PSIG	7 ± 3 PSIG 22 ± 5 PSIG
Liquid Line Connection Size (in.)	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Vapor Line Connection Size (in.)	5/8	5/8	3/4	3/4	7/8	7/8	7/8
Recommended Line Set Liquid Tube Diameter (in.)	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Recommended Line Set Vapor Tube Diameter (in.)	5/8 *	5/8 *	3/4 *	3/4 *	7/8 *	7/8 *	1⅛ *
* 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 or there is more than 20 feet vertical separation between indoor and outdoor units, consult the Long Line Application Guideline document before purchasing/installing line sets.							
Factory Charge R−22 (lbs.)	6.50	7.00	12.50	12.50	13.50	15.00	18.00
Required Subcooling (° F)	11	12	11	12	11	9	10
Weight, shipping (lbs.)	174	180	254	259	274	302	355
Weight, operating (lbs.)	149	152	224	229	243	270	321

ELECTRICAL DATA (208/230−1−60, voltage range 197V − 253V)							
Model Size	**18**	**24**	**30**	**36**	**42**	**48**	**60**
Minimum Circuit Ampacity − **MCA** (amps)	14.9	14.41	20.15	21.25	28.47	27.64	39.43
Maximum OverCurrent Protective device − **MOCP** (amps)	25	25	30	30	40	40	60
Compressor **RLA** (Rated Load Amps) **LRA** (Locked Rotor Amps)	11.52 41.0	10.93 54.0	15.40 72.5	16.28 88.0	22.06 104.0	21.15 137.0	30.58 148.0
Fan Motor **FLA** (Full Load Amps)	0.5	0.75	0.9	0.9	0.9	1.2	1.2

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

R−22 COOLING CAPACITY LOSS FOR VARIOUS LINE LENGTHS & TUBE DIAMETERS

Model Size	Liquid Line (in.)	Acceptable Vapor Line Sizes (in.)	Cooling Capacity Loss (%) at Total Equivalent Line Length (ft.)										
			Standard Application			Long Line Application (Requires Accessories) *							
			25’	50’	80’	81’	100’	125’	150’	175’	200’	225’	250’
18	3/8	5/8	0	1	1	1	2	3	3	4	5	5	6
		3/4	0	0	0	0	0	1	1	1	1	2	2
24		5/8	0	1	3	3	3	5	6	7	8	9	10
		3/4	0	0	0	0	1	1	1	2	2	3	3
30		3/4	0	1	1	1	2	3	3	4	5	5	6
		7/8	0	0	0	0	1	1	1	2	2	2	3
36		3/4	0	1	2	2	3	4	5	6	7	8	9
		7/8	0	0	1	1	1	2	2	3	3	4	4
42		3/4	1	2	3	3	4	5	7	8	9	10	11
		7/8	0	1	1	1	2	2	3	4	4	5	5
48		3/4	1	2	4	4	5	7	8	10	11	13	14
		7/8	0	1	2	2	2	3	4	5	5	6	7
		1 1/8	0	0	0	0	0	0	1	1	1	1	1
60		7/8	1	2	3	3	4	5	7	8	9	10	11
		1 1/8	0	0	1	1	1	1	2	2	2	3	3

* Applications are considered “Long Line” if the total equivalent tubing length exceeds 80 feet or there is more than 20 foot vertical separation between indoor and outdoor units). These applications require additional accessories and system modifications for reliable system operation. Refer to the Long Line Application Guideline document for required piping and system modifications. Refer to Accessory Usage Guidelines below for required accessories.

Applications in this shaded area may have height restrictions that limit allowable total equivalent length when outdoor unit is below indoor unit. Refer to the Long Line Application Guideline document for instructions.

The maximum allowable total equivalent length is 250 feet.

ACCESSORY USAGE GUIDELINES

Accessory	REQUIRED FOR APPLICATIONS IN SNOW−BELT REGION	REQUIRED FOR LOW−AMBIENT APPLICATIONS (Below 55° F)	REQUIRED FOR LONG−LINE APPLICATIONS* (Over 80 Ft.)
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” tall	**Yes**	Recommended	No
Liquid Line Solenoid Valve	No	No	See Long−Line Application Guideline

* For Line Set lengths between 80 and 200 ft horizontal. or more than 20 ft indoor−outdoor vertical separation, refer to the Long Line Application Guideline document.

ACCESSORIES		
Part Number	**Description**	**Used On Model Size**
NASA001CH	Crankcase Heater for Scroll Compressor (208/230 V)	factory installed on 30, 36, 42, 48, 60
NASA003CH	Crankcase Heater for Scroll Compressor (208/230 V)	18, 24
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
NASA202PS	High Pressure Switch, AC or HP, R−22*	ALL
NASA003SC	Hard Start Kit (Capacitor & Relay)	18, 24, 30, 36, 42, 48
NASA004SC	Hard Start Kit (Capacitor & Relay)	60
NASA201LA	Low Ambient Kit (Pressure Switch), R−22	ALL
NASA001SF	Support Feet, 4” tall	ALL
NASA001SJ	Sound Jacket, Compressor	30, 36, 42, 48
NASA002SJ	Sound Jacket, Compressor	18, 24
NASA003SJ	Sound Jacket, Compressor	60
AMF153TKB	TXV Kit, R−22 (converts R−22 piston coils to R−22 TXV)	18, 24, 30, 36
AMF355TKB	TXV Kit, R−22 (converts R−22 piston coils to R−22 TXV)	42, 48, 60
AXWR01DFC	Fossil Fuel Kit	ALL

*Dual Fuel applications require High Pressure Switch.

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS
Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool (95 °F)			SEER				Heat (47 °F)		Heat (17 °F)		HSPF
				BTU/hr	S / T	EER	factory	with field TDR	with field R−22 TXV	with field R−22 TXV + TDR	BTU/hr	COP	BTU/hr	COP	
N2H418AKA N2H418GKA	‡FEM2X18****	†	TDR&TXV	17,400	0.76	12.00	14.00				17,600	3.72	10,100	2.46	8.4
	EB*2X18B**	†	TXV	16,800	0.76	10.80		13.00			18,000	3.38	10,500	2.28	7.8
	EB*2X18B**	MV08B15****	TDR&TXV	17,200	0.76	12.00	14.50				18,000	3.66	9,900	2.46	8.2
	ED*2X18B**	†	TXV	16,800	0.76	10.80		13.00			18,200	3.38	10,500	2.28	7.8
	ED*2X18B**	MV08B15****	TDR&TXV	17,200	0.76	12.00	14.50				18,200	3.66	9,900	2.46	8.2
	FS(M,U)2X18****	†	TDR&TXV	17,000	0.76	10.80	13.00				18,000	3.46	10,500	2.28	7.9
	FSA2X18****	†	TDR&TXV	17,100	0.76	10.80	13.00				18,100	3.48	10,500	2.28	7.9
	FVM2X24****	†	TDR&TXV	17,700	0.76	12.50	15.00				14,600	3.52	9,900	2.50	8.5
N2H424AKA N2H424GKA	‡FEM2X30****	†	TDR&TXV	23,000	0.78	11.70	14.00				23,600	3.70	13,300	2.44	8.4
	EB*2X24B**	†	TXV	22,400	0.78	10.50		13.00			23,400	3.62	13,800	2.30	8.2
	EB*2X24B**	*8MPV050	TDR&TXV	22,800	0.78	11.20	14.00				23,400	3.76	13,400	2.38	8.3
	EB*2X24B**	MV08B15****	TDR&TXV	22,800	0.78	11.80	14.50				23,800	3.86	13,200	2.44	8.4
	EB*2X24F**	†	TXV	22,400	0.78	10.50		13.00			23,400	3.62	13,800	2.30	8.2
	EB*2X24F**	*9MPV050	TDR&TXV	22,800	0.78	11.40	14.00				23,600	3.78	13,400	2.40	8.3
	EB*2X24F**	*9MPV075	TDR&TXV	22,800	0.78	11.40	14.00				23,200	3.80	13,300	2.40	8.3
	EB*2X24F**	MV12F19****	TDR&TXV	23,000	0.78	11.90	14.50				20,400	3.90	13,200	2.48	8.4
	ED*2X24B**	†	TXV	22,400	0.78	10.50		13.00			23,400	3.62	13,800	2.30	8.2
	ED*2X24B**	*8MPV050	TDR&TXV	22,800	0.78	11.20	14.00				23,400	3.76	13,400	2.38	8.3
	ED*2X24B**	MV08B15****	TDR&TXV	22,800	0.78	11.80	14.50				23,800	3.86	13,200	2.44	8.4
	ED*2X24F**	†	TXV	22,400	0.78	10.50		13.00			23,400	3.62	13,800	2.30	8.2
	ED*2X24F**	*9MPV050	TDR&TXV	22,800	0.78	11.40	14.00				23,600	3.78	13,400	2.40	8.3
	ED*2X24F**	*9MPV075	TDR&TXV	22,800	0.78	11.40	14.00				23,200	3.80	13,300	2.40	8.3
	ED*2X24F**	MV12F19****	TDR&TXV	23,000	0.78	11.90	14.50				19,800	3.90	13,200	2.48	8.5
	EHD2X24A**	†	TXV	22,800	0.78	10.70		13.20			21,800	3.56	13,800	2.32	8.2
	EHD2X24A**	*8MPV050	TDR&TXV	23,200	0.78	11.20	14.00				22,200	3.66	13,600	2.40	8.2
	EHD2X24A**	*9MPV050	TDR&TXV	23,000	0.78	11.30	14.00				22,400	3.70	13,500	2.40	8.3
	EHD2X24A**	*9MPV075	TDR&TXV	23,000	0.78	11.30	14.00				21,400	3.74	13,500	2.40	8.3
	EHD2X24A**	*9MPV100	TDR&TXV	23,200	0.78	11.50	14.00				21,800	3.70	13,500	2.42	8.3
	EHD2X24A**	MV08B15****	TDR&TXV	23,200	0.78	11.80	14.50				21,600	3.80	13,300	2.46	8.5
	EHD2X24A**	MV12F19****	TDR&TXV	23,400	0.78	11.90	14.50				21,600	3.80	13,300	2.48	8.5
	EHD2X24A**	MV16J22****	TDR&TXV	23,400	0.78	12.00	14.50				22,400	3.82	13,300	2.48	8.5
	EHD2X24A**	MV20N26****	TDR&TXV	23,200	0.78	12.00	15.00				19,500	3.88	13,200	2.48	8.3
	EMA2X24D**	†	TXV	22,400	0.78	10.50		13.00			22,200	3.72	13,800	2.30	8.2
	FEM2X24****	†	TDR&TXV	22,800	0.78	11.40	14.00				24,000	3.76	13,300	2.40	8.3

2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.

† For coils not listed with a matching furnace or blower, coil rating applies with any indoor blower device.

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Specifications subject to change without notice.

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)
Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool (95 °F)			SEER				Heat (47 °F)		Heat (17 °F)		HSPF
				BTU/hr	S / T	EER	factory	with field TDR	with field R−22 TXV	with field R−22 TXV + TDR	BTU/hr	COP	BTU/hr	COP	
N2H424AKA N2H424GKA (continued)	FS(M,U)2X24****	†	TDR&TXV	22,400	0.78	10.50	13.00				22,200	3.58	13,700	2.28	7.9
	FS(M,U)2X30****	†	TDR&TXV	22,600	0.78	10.70	13.20				23,400	3.48	13,700	2.30	7.9
	FSA2X30****	†	TDR&TXV	22,400	0.78	10.50	13.00				23,600	3.58	13,700	2.28	7.9
	FVM2X24****	†	TDR&TXV	23,000	0.78	11.50	14.50				24,200	3.86	13,100	2.44	8.3
N2H430AKA N2H430GKA	‡FEM2X35****	†	TDR&TXV	30,000	0.75	11.70	14.00				30,000	3.56	19,200	2.48	8.7
	EB*2X30B**	*8MPV050	TDR&TXV	30,000	0.75	11.00	13.20				30,000	3.46	19,300	2.42	8.3
	EB*2X30B**	MV08B15****	TDR&TXV	30,000	0.75	11.50	14.00				30,000	3.54	19,000	2.48	8.6
	EB*2X30F**	*8MPV075	TDR&TXV	30,000	0.75	11.50	14.00				30,000	3.38	19,100	2.46	8.6
	EB*2X30F**	*9MPV050	TDR&TXV	30,000	0.75	11.00	13.20				30,000	3.44	19,200	2.40	8.4
	EB*2X30F**	*9MPV075	TDR&TXV	30,000	0.75	11.20	13.50				30,000	3.46	19,300	2.42	8.5
	EB*2X30F**	MV12F19****	TDR&TXV	30,000	0.75	12.00	14.00				30,000	3.54	18,700	2.50	8.7
	EB*2X36B**	†	TXV	30,000	0.75	10.80		13.00			30,000	3.42	19,600	2.38	8.3
	EB*2X36B**	*8MPV050	TDR&TXV	30,000	0.75	11.20	13.50				30,000	3.50	19,300	2.44	8.4
	EB*2X36B**	MV08B15****	TDR&TXV	30,000	0.75	11.80	14.00				30,000	3.58	19,000	2.48	8.7
	EB*2X36F**	†	TXV	30,000	0.75	10.80		13.00			30,000	3.42	19,600	2.38	8.3
	EB*2X36F**	*8MPV075	TDR&TXV	30,000	0.75	11.70	14.00				30,000	3.56	19,100	2.48	8.7
	EB*2X36F**	*9MPV050	TDR&TXV	30,000	0.75	11.20	13.50				30,000	3.48	19,300	2.42	8.4
	EB*2X36F**	*9MPV075	TDR&TXV	30,000	0.75	11.20	13.50				30,000	3.50	19,300	2.44	8.4
	EB*2X36F**	MV12F19****	TDR&TXV	30,000	0.75	12.00	14.50				30,000	3.60	18,700	2.52	8.8
	EB*2X36J**	†	TXV	30,000	0.75	10.80		13.00			30,000	3.42	19,600	2.38	8.3
	EB*2X36J**	*8MPV100	TDR&TXV	30,000	0.75	12.00	14.00				30,000	3.62	18,900	2.52	8.8
	EB*2X36J**	*8MPV125	TDR&TXV	30,000	0.75	12.00	14.50				30,000	3.62	18,800	2.52	8.8
	EB*2X36J**	*9MPV100	TDR&TXV	30,000	0.75	11.90	14.00				30,000	3.60	19,000	2.50	8.8
	EB*2X36J**	MV16J22****	TDR&TXV	30,000	0.75	12.00	14.50				30,000	3.70	18,900	2.58	9.0
	ED*2X30B**	*8MPV050	TDR&TXV	30,000	0.75	11.00	13.20				30,000	3.46	19,300	2.42	8.3
	ED*2X30B**	MV08B15****	TDR&TXV	30,000	0.75	11.70	14.00				30,000	3.54	19,000	2.48	8.6
	ED*2X30F**	*8MPV075	TDR&TXV	30,000	0.75	11.70	14.00				30,000	3.52	19,100	2.46	8.6
	ED*2X30F**	*9MPV050	TDR&TXV	30,000	0.75	11.00	13.20				30,000	3.44	19,200	2.40	8.4
	ED*2X30F**	*9MPV075	TDR&TXV	30,000	0.75	11.20	13.50				30,000	3.46	19,300	2.42	8.5
	ED*2X30F**	MV12F19****	TDR&TXV	30,000	0.75	12.00	14.00				30,000	3.62	19,000	2.52	8.8
	ED*2X36B**	†	TXV	30,000	0.75	10.80		13.00			30,000	3.42	19,600	2.38	8.3
	ED*2X36B**	*8MPV050	TDR&TXV	30,000	0.75	11.20	13.50				30,000	3.50	19,300	2.44	8.4

2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.

† For coils not listed with a matching furnace or blower, coil rating applies with any indoor blower device.

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Specifications subject to change without notice.

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)
Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool (95 °F)			SEER				Heat (47 °F)		Heat (17 °F)		HSPF
				BTU/hr	S / T	EER	factory	with field TDR	with field R−22 TXV	with field R−22 TXV + TDR	BTU/hr	COP	BTU/hr	COP	
N2H430AKA N2H430GKA (continued)	ED*2X36B**	MV08B15****	TDR&TXV	30,000	0.75	11.80	14.00				30,000	3.58	19,000	2.48	8.7
	ED*2X36F**	†	TXV	30,000	0.75	10.80		13.00			30,000	3.42	19,600	2.38	8.3
	ED*2X36F**	*8MPV075	TDR&TXV	30,000	0.75	11.70	14.00				30,000	3.56	19,100	2.48	8.7
	ED*2X36F**	*9MPV050	TDR&TXV	30,000	0.75	11.20	13.50				30,000	3.48	19,300	2.42	8.4
	ED*2X36F**	*9MPV075	TDR&TXV	30,000	0.75	11.20	13.50				30,000	3.50	19,300	2.44	8.4
	ED*2X36F**	MV12F19****	TDR&TXV	30,000	0.75	12.00	14.50				30,000	3.66	19,000	2.54	8.9
	ED*2X36J**	†	TXV	30,000	0.75	10.80		13.00			30,000	3.42	19,600	2.38	8.3
	ED*2X36J**	*8MPV100	TDR&TXV	30,000	0.75	12.00	14.00				30,000	3.62	18,900	2.52	8.8
	ED*2X36J**	*8MPV125	TDR&TXV	30,000	0.75	12.00	14.50				30,000	3.62	18,800	2.52	8.8
	ED*2X36J**	*9MPV100	TDR&TXV	30,000	0.75	11.90	14.00				30,000	3.60	19,000	2.50	8.8
	ED*2X36J**	MV16J22****	TDR&TXV	30,000	0.75	12.00	14.50				30,000	3.70	18,900	2.58	9.0
	EHD2X30A**	†	TXV	30,000	0.75	10.80		13.00			30,000	3.42	19,600	2.38	8.3
	EHD2X30A**	*8MPV050	TDR&TXV	30,000	0.75	11.20	13.50				30,000	3.50	19,300	2.42	8.4
	EHD2X30A**	*8MPV075	TDR&TXV	30,000	0.75	11.20	13.50				30,000	3.52	19,100	2.46	8.6
	EHD2X30A**	*8MPV100	TDR&TXV	30,000	0.75	11.80	14.00				30,000	3.60	19,200	2.50	8.6
	EHD2X30A**	*8MPV125	TDR&TXV	30,000	0.75	11.90	14.00				30,000	3.60	19,100	2.50	8.8
	EHD2X30A**	*9MPV050	TDR&TXV	30,000	0.75	11.00	13.20				30,000	3.44	19,300	2.40	8.4
	EHD2X30A**	*9MPV075	TDR&TXV	30,000	0.75	11.20	13.50				30,000	3.46	19,300	2.42	8.5
	EHD2X30A**	*9MPV100	TDR&TXV	30,000	0.75	11.20	13.50				30,000	3.56	19,400	2.46	8.5
	EHD2X30A**	*9MPV125	TDR&TXV	30,000	0.75	11.80	14.00				30,000	3.54	19,000	2.46	8.7
	EHD2X30A**	MV08B15****	TDR&TXV	30,000	0.75	11.90	14.00				30,000	3.58	19,000	2.48	8.8
	EHD2X30A**	MV12F19****	TDR&TXV	30,000	0.75	12.00	14.00				30,000	3.62	19,000	2.52	8.8
	EHD2X30A**	MV16J22****	TDR&TXV	30,000	0.75	12.00	14.50				30,000	3.62	18,800	2.52	8.8
	EHD2X30A**	MV20N26****	TDR&TXV	30,000	0.75	12.00	14.50				30,000	3.64	18,800	2.52	8.9
	EHD2X36A**	†	TXV	30,000	0.75	11.00		13.20			30,000	3.54	19,600	2.42	8.5
	EHD2X36A**	*8MPV050	TDR&TXV	30,000	0.75	11.70	14.00				30,000	3.64	19,400	2.48	8.7
	EHD2X36A**	*8MPV075	TDR&TXV	30,000	0.75	12.00	14.00				30,000	3.70	19,200	2.52	8.8
	EHD2X36A**	*8MPV100	TDR&TXV	30,000	0.75	12.00	14.50				30,000	3.70	19,000	2.54	9.0
	EHD2X36A**	*8MPV125	TDR&TXV	30,000	0.75	12.00	14.50				30,000	3.70	18,900	2.54	9.0
	EHD2X36A**	*9MPV050	TDR&TXV	30,000	0.75	11.20	13.50				30,000	3.60	19,400	2.46	8.6
	EHD2X36A**	*9MPV075	TDR&TXV	30,000	0.75	11.70	14.00				30,000	3.64	19,400	2.48	8.6

2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.

† For coils not listed with a matching furnace or blower, coil rating applies with any indoor blower device.

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Specifications subject to change without notice.

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)
Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool (95 °F)			SEER				Heat (47 °F)		Heat (17 °F)		HSPF
				BTU/hr	S / T	EER	factory	with field TDR	with field R−22 TXV	with field R−22 TXV + TDR	BTU/hr	COP	BTU/hr	COP	
N2H430AKA N2H430GKA (continued)	EHD2X36A**	*9MPV100	TDR&TXV	30,000	0.75	12.00	14.00				30,000	3.68	19,100	2.52	8.7
	EHD2X36A**	*9MPV125	TDR&TXV	30,000	0.75	12.00	14.50				30,000	3.72	19,100	2.54	8.8
	EHD2X36A**	MV08B15****	TDR&TXV	30,000	0.75	12.00	14.50				30,000	3.74	19,100	2.54	8.8
	EHD2X36A**	MV12F19****	TDR&TXV	30,000	0.75	12.00	14.50				30,000	3.72	18,800	2.54	9.0
	EHD2X36A**	MV16J22****	TDR&TXV	30,000	0.75	12.00	15.00				30,000	3.82	19,000	2.60	9.2
	EHD2X36A**	MV20N26****	TDR&TXV	30,000	0.75	12.00	15.00				30,000	3.82	18,900	2.60	9.2
	EMA2X36D**	†	TXV	30,000	0.75	10.80		13.00			30,000	3.40	19,600	2.38	8.2
	FEM2X30****	†	TDR&TXV	30,000	0.75	11.70	14.00				30,000	3.50	19,000	2.46	8.6
	FEM2X36****	†	TDR&TXV	30,000	0.75	12.00	14.00				30,000	3.68	19,300	2.52	8.8
	FSA2X36****	†	TDR&TXV	30,000	0.75	10.80	13.00				30,000	3.40	19,500	2.38	8.2
	FSM2X36****	†	TDR&TXV	30,000	0.75	11.00	13.20				30,000	3.52	19,600	2.40	8.4
	FVM2X24****	†	TDR&TXV	30,000	0.75	12.00	14.00				30,000	3.56	18,700	2.46	8.7
	FVM2X36****	†	TDR&TXV	30,000	0.75	12.00	14.50				30,000	3.52	18,500	2.48	8.6
	FVM2X48****	†	TDR&TXV	30,000	0.75	12.00	15.00				30,000	3.78	18,600	2.56	9.1
N2H436AKA N2H436GKA	‡FEM2X42****	†	TDR&TXV	35,600	0.76	11.90	14.00				36,000	3.64	21,800	2.52	8.5
	EB*2X36B**	†	TXV	34,000	0.76	10.80		13.00			35,800	3.38	22,000	2.38	8.0
	EB*2X36B**	*8MPV050	TDR&TXV	33,800	0.76	10.80	13.00				35,600	3.36	21,800	2.38	7.9
	EB*2X36B**	MV08B15****	TDR&TXV	34,600	0.76	11.50	13.50				35,800	3.50	21,800	2.46	8.2
	EB*2X36F**	†	TXV	34,200	0.76	10.80		13.00			36,000	3.42	22,200	2.40	8.0
	EB*2X36F**	*8MPV075	TDR&TXV	34,400	0.76	11.50	13.50				35,800	3.50	21,800	2.46	8.2
	EB*2X36F**	*9MPV050	TDR&TXV	33,800	0.76	10.80	13.00				35,600	3.38	21,800	2.40	8.0
	EB*2X36F**	*9MPV075	TDR&TXV	34,200	0.76	10.80	13.00				35,800	3.44	22,000	2.42	8.2
	EB*2X36F**	MV12F19****	TDR&TXV	34,800	0.76	11.90	14.00				35,400	3.56	21,400	2.52	8.4
	EB*2X36J**	†	TXV	34,200	0.76	10.80		13.00			36,000	3.42	22,200	2.40	8.0
	EB*2X36J**	*8MPV100	TDR&TXV	34,600	0.76	11.90	14.00				35,400	3.56	21,400	2.52	8.4
	EB*2X36J**	*8MPV125	TDR&TXV	34,800	0.76	12.00	14.00				35,200	3.58	21,400	2.52	8.4
	EB*2X36J**	*9MPV100	TDR&TXV	34,600	0.76	11.50	13.50				35,600	3.54	21,600	2.48	8.3
	EB*2X36J**	MV16J22****	TDR&TXV	34,600	0.76	12.00	14.50				35,000	3.58	21,000	2.54	8.4
	EB*2X42J**	†	TXV	34,600	0.76	10.80		13.00			36,000	3.46	22,200	2.42	8.2
	EB*2X42J**	*8MPV100	TDR&TXV	35,000	0.76	12.00	14.00				35,400	3.60	21,400	2.52	8.4
	EB*2X42J**	*8MPV125	TDR&TXV	35,000	0.76	12.00	14.00				35,400	3.62	21,400	2.54	8.5
	EB*2X42J**	*9MPV100	TDR&TXV	34,800	0.76	11.80	14.00				35,600	3.58	21,600	2.50	8.4
	EB*2X42J**	MV16J22****	TDR&TXV	34,800	0.76	12.00	14.50				35,000	3.62	21,200	2.56	8.4
	EB*2X42L**	†	TXV	34,600	0.76	10.80		13.00			36,000	3.46	22,200	2.42	8.2

2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.

† For coils not listed with a matching furnace or blower, coil rating applies with any indoor blower device.

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Specifications subject to change without notice.

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)
Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool (95 °F)			SEER				Heat (47 °F)		Heat (17 °F)		HSPF
				BTU/hr	S / T	EER	factory	with field TDR	with field R−22 TXV	with field R−22 TXV + TDR	BTU/hr	COP	BTU/hr	COP	
N2H436AKA N2H436GKA (continued)	EB*2X42L**	*9MPV125	TDR&TXV	35,200	0.76	11.90	14.00				35,800	3.62	21,600	2.52	8.5
	ED*2X36B**	†	TXV	34,000	0.76	10.80		13.00			35,800	3.38	22,000	2.38	8.0
	ED*2X36B**	*8MPV050	TDR&TXV	33,800	0.76	10.80	13.00				35,600	3.36	21,800	2.38	7.9
	ED*2X36B**	MV08B15****	TDR&TXV	34,400	0.76	11.50	13.50				35,400	3.50	21,400	2.48	8.2
	ED*2X36F**	†	TXV	34,200	0.76	10.80		13.00			36,000	3.42	22,200	2.40	8.0
	ED*2X36F**	*8MPV075	TDR&TXV	34,400	0.76	11.50	13.50				35,800	3.50	21,800	2.46	8.2
	ED*2X36F**	*9MPV050	TDR&TXV	33,800	0.76	10.80	13.00				35,600	3.38	21,800	2.40	8.0
	ED*2X36F**	*9MPV075	TDR&TXV	34,200	0.76	10.80	13.00				35,800	3.44	22,000	2.42	8.2
	ED*2X36F**	MV12F19****	TDR&TXV	34,800	0.76	11.90	14.00				35,400	3.56	21,400	2.52	8.4
	ED*2X36J**	†	TXV	34,200	0.76	10.80		13.00			36,000	3.42	22,200	2.40	8.0
	ED*2X36J**	*8MPV100	TDR&TXV	34,600	0.76	11.90	14.00				35,400	3.56	21,400	2.52	8.4
	ED*2X36J**	*8MPV125	TDR&TXV	34,800	0.76	12.00	14.00				35,200	3.58	21,400	2.52	8.4
	ED*2X36J**	*9MPV100	TDR&TXV	34,600	0.76	11.50	13.50				35,600	3.54	21,600	2.48	8.3
	ED*2X36J**	MV16J22****	TDR&TXV	34,600	0.76	12.00	14.50				35,000	3.58	21,000	2.54	8.4
	ED*2X42J**	†	TXV	34,600	0.76	10.80		13.00			36,000	3.46	22,200	2.42	8.2
	ED*2X42J**	*8MPV100	TDR&TXV	35,000	0.76	12.00	14.00				35,400	3.60	21,400	2.52	8.4
	ED*2X42J**	*8MPV125	TDR&TXV	35,000	0.76	12.00	14.00				35,400	3.62	21,400	2.54	8.5
	ED*2X42J**	*9MPV100	TDR&TXV	34,800	0.76	11.80	14.00				35,600	3.58	21,600	2.50	8.4
	ED*2X42J**	MV16J22****	TDR&TXV	34,800	0.76	12.00	14.50				35,000	3.62	21,200	2.56	8.4
	ED*2X42L**	†	TXV	34,600	0.76	10.80		13.00			36,000	3.46	22,200	2.42	8.2
	ED*2X42L**	*9MPV125	TDR&TXV	35,200	0.76	11.90	14.00				35,800	3.62	21,600	2.52	8.5
	EHD2X36A**	†	TXV	35,200	0.76	11.00		13.20			36,000	3.54	22,200	2.44	8.3
	EHD2X36A**	*8MPV050	TDR&TXV	34,800	0.76	11.20	13.50				36,000	3.50	21,800	2.44	8.2
	EHD2X36A**	*8MPV075	TDR&TXV	35,400	0.76	11.80	14.00				36,000	3.62	21,800	2.50	8.4
	EHD2X36A**	*8MPV100	TDR&TXV	35,400	0.76	12.00	14.00				35,600	3.66	21,600	2.54	8.5
	EHD2X36A**	*8MPV125	TDR&TXV	35,400	0.76	12.00	14.50				35,600	3.66	21,400	2.54	8.5
	EHD2X36A**	*9MPV050	TDR&TXV	34,800	0.76	11.00	13.20				35,800	3.48	21,800	2.44	8.2
	EHD2X36A**	*9MPV075	TDR&TXV	35,200	0.76	11.50	13.50				36,000	3.56	22,000	2.46	8.3
	EHD2X36A**	*9MPV100	TDR&TXV	35,400	0.76	11.90	14.00				35,800	3.62	21,600	2.52	8.4
	EHD2X36A**	*9MPV125	TDR&TXV	35,600	0.76	12.00	14.00				35,800	3.66	21,600	2.54	8.5
	EHD2X36A**	MV08B15****	TDR&TXV	35,400	0.76	12.00	14.00				35,600	3.64	21,600	2.54	8.5
	EHD2X36A**	MV12F19****	TDR&TXV	35,600	0.76	12.00	14.50				35,800	3.70	21,600	2.56	8.6
	EHD2X36A**	MV16J22****	TDR&TXV	36,000	0.76	12.00	14.50				35,800	3.80	21,600	2.60	8.8
	EHD2X36A**	MV20N26****	TDR&TXV	36,000	0.76	12.00	14.50				35,800	3.80	21,600	2.60	8.8

2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.

† For coils not listed with a matching furnace or blower, coil rating applies with any indoor blower device.

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COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)
Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool (95 °F)			SEER				Heat (47 °F)		Heat (17 °F)		HSPF
				BTU/hr	S / T	EER	factory	with field TDR	with field R−22 TXV	with field R−22 TXV + TDR	BTU/hr	COP	BTU/hr	COP	
N2H436AKA N2H436GKA (continued)	EHD2X42A**	†	TXV	35,600	0.76	11.00		13.20			36,000	3.58	22,400	2.46	8.3
	EHD2X42A**	*8MPV050	TDR&TXV	35,200	0.76	11.50	13.50				36,000	3.54	22,000	2.46	8.3
	EHD2X42A**	*8MPV075	TDR&TXV	35,800	0.76	11.90	14.00				36,000	3.66	21,800	2.52	8.5
	EHD2X42A**	*8MPV100	TDR&TXV	35,800	0.76	12.00	14.50				35,600	3.70	21,600	2.56	8.6
	EHD2X42A**	*8MPV125	TDR&TXV	35,800	0.76	12.00	14.50				35,600	3.72	21,400	2.56	8.6
	EHD2X42A**	*9MPV050	TDR&TXV	35,200	0.76	11.50	13.50				36,000	3.52	22,000	2.46	8.2
	EHD2X42A**	*9MPV075	TDR&TXV	35,600	0.76	11.50	13.50				36,000	3.60	22,000	2.48	8.4
	EHD2X42A**	*9MPV100	TDR&TXV	35,800	0.76	12.00	14.00				35,800	3.68	21,800	2.54	8.5
	EHD2X42A**	*9MPV125	TDR&TXV	36,000	0.76	12.00	14.00				36,000	3.72	21,800	2.56	8.6
	EHD2X42A**	MV08B15****	TDR&TXV	35,800	0.76	12.00	14.50				35,800	3.70	21,600	2.56	8.6
	EHD2X42A**	MV12F19****	TDR&TXV	36,000	0.76	12.00	14.50				35,800	3.74	21,600	2.58	8.7
	EHD2X42A**	MV16J22****	TDR&TXV	36,000	0.76	12.00	14.50				36,000	3.86	21,600	2.64	8.9
	EHD2X42A**	MV20N26****	TDR&TXV	36,000	0.76	12.00	14.50				36,000	3.86	21,600	2.64	8.9
	EMA2X36D**	†	TXV	34,200	0.76	10.80		13.00			36,000	3.40	22,200	2.40	8.0
	FEM2X35****	†	TDR&TXV	34,800	0.76	11.50	13.50				35,600	3.52	21,600	2.48	8.3
	FEM2X36****	†	TDR&TXV	35,800	0.76	12.00	14.00				36,000	3.70	21,800	2.54	8.6
	FS(M,U)2X42****	†	TDR&TXV	34,600	0.76	10.80	13.00				36,000	3.42	22,200	2.40	8.0
	FSA2X36****	†	TDR&TXV	34,000	0.76	10.80	13.00				35,600	3.38	21,800	2.40	8.0
	FSM2X36****	†	TDR&TXV	34,800	0.76	11.00	13.20				36,000	3.46	22,000	2.42	8.2
	FVM2X24****	†	TDR&TXV	34,200	0.76	11.50	13.50				35,200	3.52	21,400	2.48	8.2
	FVM2X36****	†	TDR&TXV	34,400	0.76	12.00	14.00				34,800	3.50	21,000	2.50	8.2
	FVM2X48****	†	TDR&TXV	35,800	0.76	12.50	15.00				35,200	3.72	21,200	2.60	8.6
	FVM2X60****	†	TDR&TXV	36,000	0.76	12.50	15.00				35,400	3.82	21,200	2.64	8.8
N2H442AKA N2H442GKA	‡FEM2X48****	†	TDR&TXV	41,500	0.77	12.00	14.00				42,000	3.74	26,600	2.64	8.7
	EB*2X42J**	*8MPV100	TDR&TXV	39,500	0.77	11.50	13.50				42,000	3.48	26,400	2.56	8.2
	EB*2X42J**	*8MPV125	TDR&TXV	39,500	0.77	11.50	13.50				42,000	3.50	26,200	2.58	8.2
	EB*2X42J**	*9MPV100	TDR&TXV	39,500	0.77	11.00	13.20				42,000	3.46	26,800	2.52	8.0
	EB*2X42J**	MV16J22****	TDR&TXV	39,500	0.77	12.00	14.00				42,000	3.56	26,000	2.62	8.3
	EB*2X42L**	*9MPV125	TDR&TXV	39,500	0.77	11.20	13.50				42,000	3.50	26,600	2.56	8.2
	EB*2X48F**	†	TXV	40,500	0.77	10.80		13.00			42,000	3.60	27,400	2.54	8.3
	EB*2X48F**	*8MPV075	TDR&TXV	40,000	0.77	11.20	13.50				42,000	3.58	26,800	2.56	8.3

2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.

† For coils not listed with a matching furnace or blower, coil rating applies with any indoor blower device.

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COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)
Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool (95 °F)			SEER				Heat (47 °F)		Heat (17 °F)		HSPF
				BTU/hr	S / T	EER	factory	with field TDR	with field R−22 TXV	with field R−22 TXV + TDR	BTU/hr	COP	BTU/hr	COP	
N2H442AKA N2H442GKA (continued)	EB*2X48F**	*9MPV075	TDR&TXV	40,000	0.77	11.00	13.20				42,000	3.52	27,000	2.52	8.2
	EB*2X48J**	†	TXV	40,000	0.77	10.80		13.00			42,000	3.54	27,200	2.52	8.2
	EB*2X48J**	*8MPV100	TDR&TXV	40,000	0.77	11.50	13.50				42,000	3.60	26,400	2.60	8.3
	EB*2X48J**	*8MPV125	TDR&TXV	40,000	0.77	11.80	14.00				42,000	3.62	26,400	2.62	8.4
	EB*2X48J**	*9MPV100	TDR&TXV	40,000	0.77	11.00	13.20				42,000	3.56	26,800	2.56	8.3
	EB*2X48J**	MV16J22****	TDR&TXV	40,500	0.77	12.00	14.00				42,000	3.68	26,200	2.66	8.5
	EB*2X48L**	†	TXV	40,000	0.77	10.80		13.00			42,000	3.52	27,200	2.52	8.2
	EB*2X48L**	*9MPV125	TDR&TXV	40,500	0.77	11.50	13.50				42,000	3.64	26,800	2.60	8.4
	ED*2X42J**	*8MPV100	TDR&TXV	39,500	0.77	11.50	13.50				42,000	3.48	26,400	2.56	8.2
	ED*2X42J**	*8MPV125	TDR&TXV	39,500	0.77	11.50	13.50				42,000	3.50	26,200	2.58	8.2
	ED*2X42J**	*9MPV100	TDR&TXV	39,500	0.77	11.00	13.20				42,000	3.46	26,800	2.52	8.0
	ED*2X42J**	MV16J22****	TDR&TXV	39,500	0.77	12.00	14.00				42,000	3.56	26,000	2.62	8.3
	ED*2X42L**	*9MPV125	TDR&TXV	39,500	0.77	11.20	13.50				42,000	3.50	26,600	2.56	8.2
	ED*2X48F**	†	TXV	40,500	0.77	10.80		13.00			42,000	3.60	27,400	2.54	8.3
	ED*2X48F**	*8MPV075	TDR&TXV	40,500	0.77	11.00	13.20				42,000	3.60	27,000	2.54	8.3
	ED*2X48F**	*9MPV075	TDR&TXV	40,000	0.77	11.00	13.20				42,000	3.52	27,000	2.52	8.2
	ED*2X48J**	†	TXV	40,000	0.77	10.80		13.00			42,000	3.54	27,200	2.52	8.2
	ED*2X48J**	*8MPV100	TDR&TXV	40,000	0.77	11.20	13.50				42,000	3.60	26,400	2.60	8.3
	ED*2X48J**	*8MPV125	TDR&TXV	40,000	0.77	11.80	14.00				42,000	3.62	26,400	2.62	8.4
	ED*2X48J**	*9MPV100	TDR&TXV	40,000	0.77	11.00	13.20				42,000	3.56	26,800	2.56	8.3
	ED*2X48J**	MV16J22****	TDR&TXV	40,500	0.77	12.00	14.00				42,000	3.68	26,200	2.66	8.5
	ED*2X48L**	†	TXV	40,000	0.77	10.80		13.00			42,000	3.52	27,200	2.52	8.2
	ED*2X48L**	*9MPV125	TDR&TXV	40,500	0.77	11.50	13.50				42,000	3.64	26,800	2.60	8.4
	EHD2X42A**	†	TXV	40,500	0.77	10.80		13.00			42,000	3.52	27,200	2.52	8.2
	EHD2X42A**	*8MPV075	TDR&TXV	40,500	0.77	10.80	13.20				42,000	3.54	27,000	2.54	8.2
	EHD2X42A**	*8MPV100	TDR&TXV	40,500	0.77	11.50	13.50				42,000	3.60	26,400	2.60	8.3
	EHD2X42A**	*8MPV125	TDR&TXV	40,500	0.77	11.80	14.00				42,000	3.60	26,400	2.62	8.4
	EHD2X42A**	*9MPV075	TDR&TXV	40,000	0.77	11.00	13.20				42,000	3.46	26,800	2.52	8.2
	EHD2X42A**	*9MPV100	TDR&TXV	40,500	0.77	11.20	13.50				42,000	3.56	26,800	2.56	8.3
	EHD2X42A**	*9MPV125	TDR&TXV	40,500	0.77	11.50	13.50				42,000	3.60	26,800	2.60	8.3
	EHD2X42A**	MV16J22****	TDR&TXV	41,000	0.77	12.00	14.00				42,000	3.74	26,600	2.66	8.6

2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.

† For coils not listed with a matching furnace or blower, coil rating applies with any indoor blower device.

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Specifications subject to change without notice.

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)
Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool (95 °F)			SEER				Heat (47 °F)		Heat (17 °F)		HSPF
				BTU/hr	S / T	EER	factory	with field TDR	with field R−22 TXV	with field R−22 TXV + TDR	BTU/hr	COP	BTU/hr	COP	
N2H442AKA N2H442GKA (continued)	EHD2X42A**	MV20N26****	TDR&TXV	40,500	0.77	12.00	14.50				42,000	3.66	26,200	2.66	8.5
	EHD2X48A**	†	TXV	40,500	0.77	10.80		13.00			42,000	3.54	27,400	2.54	8.2
	EHD2X48A**	*8MPV075	TDR&TXV	40,500	0.77	11.00	13.20				42,000	3.56	27,000	2.56	8.3
	EHD2X48A**	*8MPV100	TDR&TXV	40,500	0.77	11.80	14.00				42,000	3.62	26,600	2.62	8.4
	EHD2X48A**	*8MPV125	TDR&TXV	40,500	0.77	11.90	14.00				42,000	3.62	26,400	2.62	8.4
	EHD2X48A**	*9MPV075	TDR&TXV	40,000	0.77	11.00	13.20				42,000	3.48	26,800	2.52	8.1
	EHD2X48A**	*9MPV100	TDR&TXV	40,500	0.77	11.20	13.50				42,000	3.58	26,800	2.58	8.3
	EHD2X48A**	*9MPV125	TDR&TXV	40,500	0.77	11.50	13.50				42,000	3.62	26,800	2.60	8.4
	EHD2X48A**	MV16J22****	TDR&TXV	41,000	0.77	12.00	14.50				42,000	3.70	26,200	2.68	8.5
	EHD2X48A**	MV20N26****	TDR&TXV	41,000	0.77	12.00	14.50				42,000	3.70	26,200	2.68	8.5
	EMA2X48D**	†	TXV	40,000	0.77	10.80		13.00			42,000	3.46	27,200	2.50	8.2
	FEM2X42****	†	TDR&TXV	40,500	0.77	11.50	13.50				42,000	3.56	26,800	2.58	8.3
	FS(M,U)2X48****	†	TDR&TXV	40,000	0.77	10.80	13.00				42,000	3.46	27,200	2.48	8.0
	FVM2X36****	†	TDR&TXV	39,000	0.77	11.50	13.50				42,000	3.40	26,000	2.54	8.0
	FVM2X48****	†	TDR&TXV	41,000	0.77	12.00	14.00				42,000	3.68	26,000	2.66	8.2
	FVM2X60****	†	TDR&TXV	41,500	0.77	12.00	14.50				42,000	3.78	26,000	2.70	8.5
N2H448AKA N2H448GKA	‡FEM2X60****	†	TDR&TXV	48,000	0.77	12.00	14.00				48,000	3.70	30,200	2.66	8.6
	EB*2X48F**	†	TXV	45,500	0.77	10.80		13.00			48,000	3.46	30,400	2.52	8.2
	EB*2X48J**	*8MPV100	TDR&TXV	46,000	0.77	11.50	13.20				48,000	3.48	30,000	2.56	8.2
	EB*2X48J**	*8MPV125	TDR&TXV	46,000	0.77	11.00	13.20				48,000	3.54	30,200	2.56	8.3
	EB*2X48J**	MV16J22****	TDR&TXV	46,500	0.77	11.50	13.50				48,000	3.62	30,200	2.62	8.4
	EB*2X48L**	*9MPV125	TDR&TXV	46,000	0.77	10.80	13.00				48,000	3.50	30,200	2.54	8.2
	EB*2X60J**	†	TXV	47,500	0.77	10.80		13.00			48,000	3.50	30,800	2.56	8.3
	EB*2X60J**	*8MPV100	TDR&TXV	47,500	0.77	11.50	13.20				48,000	3.54	30,600	2.58	8.3
	EB*2X60J**	*8MPV125	TDR&TXV	47,500	0.77	11.50	13.50				48,000	3.58	30,400	2.60	8.4
	EB*2X60J**	*9MPV100	TDR&TXV	47,000	0.77	10.80	13.00				48,000	3.50	30,600	2.56	8.2
	EB*2X60J**	MV16J22****	TDR&TXV	48,000	0.77	12.00	14.00				46,500	3.62	30,200	2.66	8.5
	EB*2X60L**	†	TXV	47,500	0.77	10.80		13.00			48,000	3.50	30,800	2.56	8.3
	EB*2X60L**	*9MPV125	TDR&TXV	47,000	0.77	11.50	13.20				48,000	3.54	30,400	2.58	8.3
	EBV48****	†	TDR&TXV	47,500	0.77	11.50	13.50				48,000	3.60	30,400	2.58	8.4
	EBV60****	†	TDR&TXV	48,000	0.77	12.00	14.00				48,000	3.70	30,200	2.66	8.6

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† For coils not listed with a matching furnace or blower, coil rating applies with any indoor blower device.

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Specifications subject to change without notice.

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)
Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool (95 °F)			SEER				Heat (47 °F)		Heat (17 °F)		HSPF
				BTU/hr	S / T	EER	factory	with field TDR	with field R−22 TXV	with field R−22 TXV + TDR	BTU/hr	COP	BTU/hr	COP	
N2H448AKA N2H448GKA (continued)	EBX60****	†	TDR&TXV	47,000	0.77	10.80	13.00				48,000	3.52	30,800	2.52	8.2
	ED*2X48F**	†	TXV	45,500	0.77	10.80		13.00			48,000	3.46	30,400	2.52	8.2
	ED*2X48J**	*8MPV100	TDR&TXV	46,000	0.77	10.80	13.00				48,000	3.50	30,600	2.54	8.2
	ED*2X48J**	*8MPV125	TDR&TXV	46,000	0.77	11.00	13.20				48,000	3.54	30,200	2.56	8.3
	ED*2X48J**	MV16J22****	TDR&TXV	46,500	0.77	11.50	13.50				48,000	3.62	30,200	2.62	8.4
	ED*2X48L**	*9MPV125	TDR&TXV	46,000	0.77	10.80	13.00				48,000	3.50	30,200	2.54	8.2
	ED*2X60J**	†	TXV	47,500	0.77	10.80		13.00			48,000	3.50	30,800	2.56	8.3
	ED*2X60J**	*8MPV100	TDR&TXV	47,500	0.77	11.50	13.20				48,000	3.54	30,600	2.58	8.3
	ED*2X60J**	*8MPV125	TDR&TXV	47,500	0.77	11.50	13.50				48,000	3.58	30,400	2.60	8.4
	ED*2X60J**	*9MPV100	TDR&TXV	47,000	0.77	10.80	13.00				48,000	3.50	30,600	2.56	8.2
	ED*2X60J**	MV16J22****	TDR&TXV	48,000	0.77	12.00	14.00				46,500	3.62	30,200	2.66	8.5
	ED*2X60L**	†	TXV	47,500	0.77	10.80		13.00			48,000	3.50	30,800	2.56	8.3
	ED*2X60L**	*9MPV125	TDR&TXV	47,000	0.77	11.50	13.20				48,000	3.54	30,400	2.58	8.3
	EHD2X48A**	†	TXV	46,500	0.77	10.80		13.00			48,000	3.52	30,800	2.54	8.2
	EHD2X48A**	*8MPV100	TDR&TXV	46,500	0.77	10.80	13.00				48,000	3.54	30,600	2.56	8.3
	EHD2X48A**	*8MPV125	TDR&TXV	46,500	0.77	11.50	13.20				48,000	3.56	30,400	2.58	8.3
	EHD2X48A**	*9MPV125	TDR&TXV	46,500	0.77	10.80	13.00				48,000	3.50	30,400	2.56	8.2
	EHD2X48A**	MV16J22****	TDR&TXV	47,500	0.77	11.50	13.50				48,000	3.66	30,200	2.64	8.5
	EHD2X48A**	MV20N26****	TDR&TXV	47,500	0.77	11.50	13.50				48,000	3.66	30,200	2.64	8.5
	EHD2X60A**	†	TXV	47,500	0.77	10.80		13.00			48,000	3.58	30,800	2.56	8.4
	EHD2X60A**	*8MPV100	TDR&TXV	48,000	0.77	11.50	13.20				48,000	3.64	30,600	2.60	8.5
	EHD2X60A**	*8MPV125	TDR&TXV	48,000	0.77	11.50	13.50				48,000	3.68	30,400	2.62	8.5
	EHD2X60A**	*9MPV100	TDR&TXV	47,500	0.77	11.00	13.20				48,000	3.58	30,600	2.56	8.4
	EHD2X60A**	*9MPV125	TDR&TXV	47,500	0.77	11.50	13.50				48,000	3.62	30,400	2.60	8.4
	EHD2X60A**	MV16J22****	TDR&TXV	48,000	0.77	12.00	14.00				48,000	3.76	30,200	2.68	8.7
	EHD2X60A**	MV20N26****	TDR&TXV	48,000	0.77	12.00	14.00				48,000	3.76	30,200	2.68	8.7
	FEM2X48****	†	TDR&TXV	47,000	0.77	11.50	13.50				48,000	3.62	30,200	2.60	8.4
	FS(M,U)2X60****	†	TDR&TXV	47,000	0.77	10.80	13.00				48,000	3.54	30,800	2.54	8.3
	FVM2X48****	†	TDR&TXV	47,000	0.77	12.00	14.00				48,000	3.54	29,600	2.62	8.3
	FVM2X60****	†	TDR&TXV	47,500	0.77	12.20	14.50				48,000	3.72	29,600	2.68	8.6

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† For coils not listed with a matching furnace or blower, coil rating applies with any indoor blower device.

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COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued)
Indoor Models

Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cool (95 °F)			SEER				Heat (47 °F)		Heat (17 °F)		HSPF
				BTU/hr	S / T	EER	factory	with field TDR	with field R−22 TXV	with field R−22 TXV + TDR	BTU/hr	COP	BTU/hr	COP	
N2H460AKA N2H460GKA	‡FEM2X60****	†	TDR&TXV	58,000	0.77	11.00	13.20				59,000	3.46	35,000	2.32	8.0
	EB*2X60J**	MV16J22****	TDR&TXV	58,500	0.77	10.80	13.00				58,000	3.38	35,200	2.30	7.7
	EBV60****	†	TDR&TXV	58,000	0.77	11.00	13.20				59,000	3.46	35,000	2.32	7.8
	ED*2X60J**	MV16J22****	TDR&TXV	58,500	0.77	10.80	13.00				58,000	3.38	35,200	2.30	7.7
	EHD2X60A**	MV16J22****	TDR&TXV	58,500	0.77	10.80	13.00				59,500	3.48	35,400	2.32	7.8
	EHD2X60A**	MV20N26****	TDR&TXV	58,500	0.77	11.00	13.20				59,000	3.48	35,200	2.32	7.9
	FVM2X60****	†	TDR&TXV	58,500	0.77	11.00	13.20				58,500	3.48	35,000	2.32	7.8

2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.

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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**	**2**	**H**	**4**	**18**	**A**	**K**	**A**	**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**	**0 1**	**01**	**C H**

- 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)