

EFFICIENT 13 SEER AIR CONDITIONER

1½ THRU 5 TONS SPLIT SYSTEM

208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Copeland Scroll™ compressors on all models
- Filter-Drier supplied with every unit for field installation
- High and Low pressure switches
- Copper tube / aluminum fin coil

PERFORMANCE

- 2-speed Fan Motors factory wired on all models
- Compressor Sound Jacket standard

EASY TO INSTALL AND SERVICE

- Comfort Alert™ Diagnostics device on all models
- Easy Access service valves on all models
- Innovative control box design
- External high and low refrigerant service ports
- Fan motor in-line disconnect plug
- Only two screws to access control panel
- Factory charged with R-22 refrigerant

BUILT TO LAST

- High gloss, 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
- Corner Posts for extra strength and style

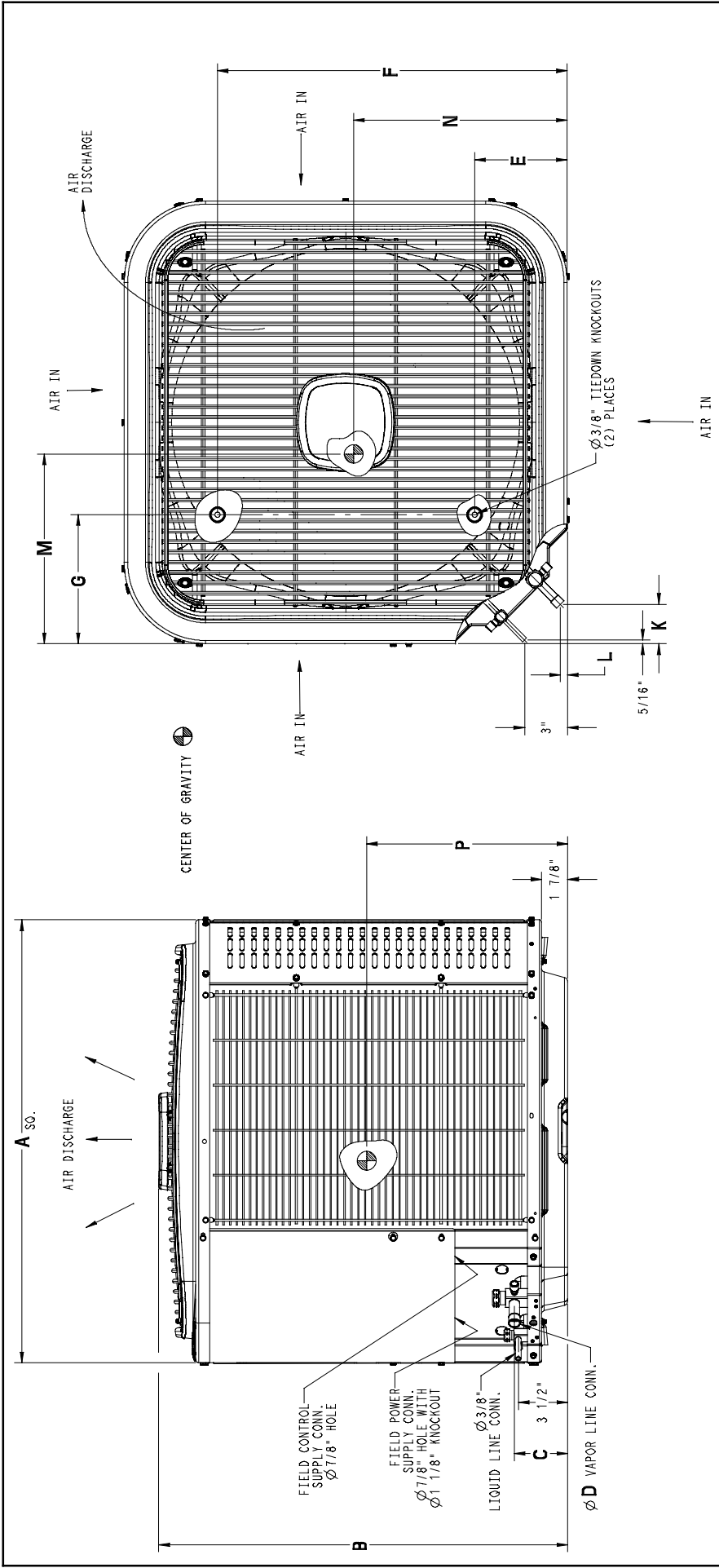
WARRANTY

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



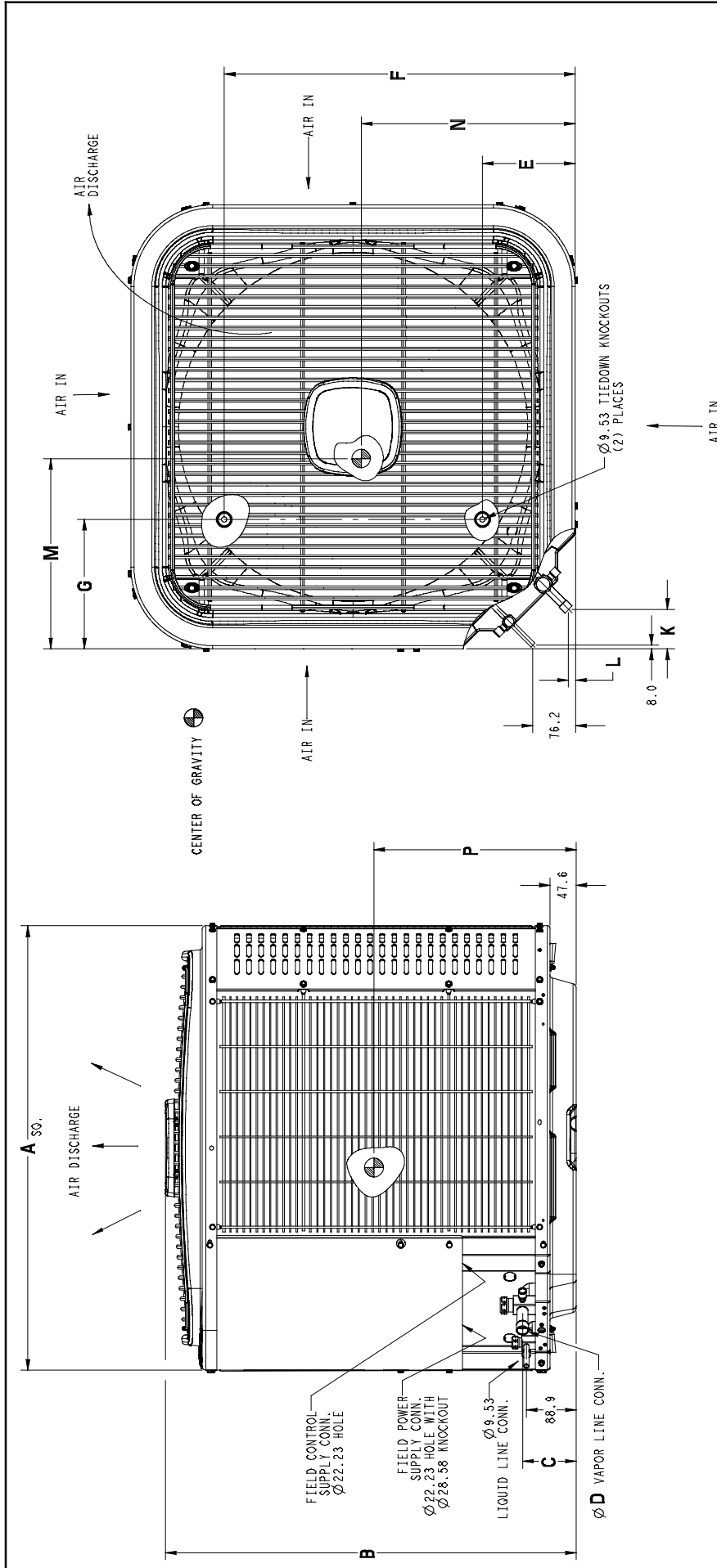
Rated in accordance with ARI Standard 210/240. Certification applies only when used with proper components as listed with ARI.

Model Number	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x width x depth in. (mm)	Ship / Operating Weight lbs. (kg)
T2A318GKD	1½	18,000	10.1	20	25 ⁵ / ₁₆ × 23 ¹ / ₈ × 23 ¹ / ₈ (643 × 587 × 587)	144 / 120 (65 / 54)
T2A324GKD	2	24,000	13.6	20	28 ¹¹ / ₁₆ × 23 ¹ / ₈ × 23 ¹ / ₈ (729 × 587 × 587)	147 / 125 (67 / 57)
T2A330GKD	2½	30,000	18.4	30	28 ¹¹ / ₁₆ × 23 ¹ / ₈ × 23 ¹ / ₈ (729 × 587 × 587)	152 / 128 (69 / 58)
T2A336GKD	3	36,000	19.1	30	25 ⁵ / ₁₆ × 31 ³ / ₁₆ × 31 ³ / ₁₆ (643 × 793 × 793)	193 / 159 (88 / 72)
T2A342GKD	3½	42,000	25.2	40	38 ¹⁵ / ₁₆ × 31 ³ / ₁₆ × 31 ³ / ₁₆ (988 × 793 × 793)	241 / 203 (109 / 92)
T2A348GKD	4	48,000	26.4	40	36 ⁷ / ₈ × 35 × 35 (937 × 889 × 889)	287 / 248 (130 / 112)
T2A360GKD	5	60,000	32.9	50	40 ¹ / ₄ × 35 × 35 (1023 × 889 × 889)	279 / 235 (127 / 107)



Dimensions Inches

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Minimum Mounting Pad Size	Crated Dimensions B(h) x A(w) x R(d)
T2A318GKD	23 ^{3/8}	25 ^{5/16}	3 ^{3/4}	3/4	4 ^{7/16}	18 ^{1/16}	7 ^{13/16}	2 ^{9/16}	1/2	11	11	11	11	11	11	11	23 ^{1/2} x 23 ^{1/2}	32 ^{9/16} x 27 ^{3/8} x 24 ^{1/4}
T2A324GKD	23 ^{3/8}	28 ^{11/16}	3 ^{3/4}	3/4	4 ^{7/16}	18 ^{1/16}	7 ^{13/16}	2 ^{9/16}	1/2	12	12	12	12	12	12	12	23 ^{1/2} x 23 ^{1/2}	35 ^{15/16} x 27 ^{3/8} x 24 ^{1/4}
T2A330GKD	23 ^{3/8}	28 ^{11/16}	3 ^{3/4}	3/4	4 ^{7/16}	18 ^{1/16}	7 ^{13/16}	2 ^{9/16}	1/2	12	12	12	12	12	12	12	23 ^{1/2} x 23 ^{1/2}	35 ^{15/16} x 27 ^{3/8} x 24 ^{1/4}
T2A336GKD	31 ^{13/16}	25 ^{5/8}	3 ^{7/8}	7/8	6 ^{9/16}	24 ^{11/16}	9 ^{1/8}	2 ^{5/16}	5/8	12	12	15	15	14	12	12	31 ^{1/2} x 31 ^{1/2}	32 ^{9/16} x 35 ^{1/2} x 32 ^{5/16}
T2A342GKD	31 ^{13/16}	38 ^{15/16}	3 ^{7/8}	7/8	6 ^{9/16}	24 ^{11/16}	9 ^{1/8}	2 ^{5/16}	5/8	14	14	15	15	15	14	14	31 ^{1/2} x 31 ^{1/2}	46 ^{1/8} x 35 ^{1/2} x 32 ^{5/16}
T2A348GKD	35	36 ^{7/8}	3 ^{7/8}	7/8	6 ^{9/16}	28 ^{7/16}	9 ^{1/8}	2 ^{5/16}	5/8	16	16	16	16	17	16	16	35 x 35	42 ^{3/4} x 39 ^{1/4} x 36 ^{1/8}
T2A360GKD	35	40 ^{1/4}	3 ^{7/8}	7/8	6 ^{9/16}	28 ^{7/16}	9 ^{1/8}	2 ^{5/16}	5/8	20 ^{1/2}	20 ^{1/2}	16	16	15 ^{1/2}	20 ^{1/2}	20 ^{1/2}	35 x 35	46 ^{1/8} x 39 ^{1/4} x 36 ^{1/8}



Model	Dimensions MM														Crated Dimensions B(h) x A(w) x R(d)
	A	B	C	D	E	F	G	K	L	M	N	P	Minimum Mounting Pad Size		
T2A318GKD	587	643	95	19	113	459	198	71	13	279	279	279	279	597 x 597	827 x 696 x 616
T2A324GKD	587	729	95	19	113	459	198	71	13	305	279	305	305	597 x 597	913 x 696 x 616
T2A330GKD	587	729	95	19	113	459	198	71	13	305	305	292	305	597 x 597	913 x 696 x 616
T2A336GKD	793	643	98	22	167	626	232	75	16	381	356	305	356	800 x 800	827 x 901 x 821
T2A342GKD	793	988	98	22	167	626	232	75	16	381	381	356	356	800 x 800	1172 x 901 x 821
T2A348GKD	889	937	98	22	167	722	232	75	16	406	432	406	406	889 x 889	1086 x 998 x 918
T2A360GKD	889	1023	98	22	167	722	232	75	16	406	394	521	406	889 x 889	1172 x 998 x 918

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	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Sound Rating, High Speed Fan** (dBA)	72	73	75	75	73	75	74
Low Speed Fan, (dBA)	72	73	74	71	71	75	74
PSC Fan Motor HP	1/12	1/12	1/10	1/5	1/4	1/4	1/4
Fan RPM High	1097	1099	1094	837	832	816	822
Fan RPM Low	997	1010	993	789	773	738	753
Fan CFM (High)	1747	1747	2191	3359	3937	4121	4121
Coil Face Area ft ² (m ²)	8.40 (.78)	9.80 (.91)	9.80 (.91)	12.93 (1.2)	21.56 (2.0)	22.63 (2.1)	25.15 (2.3)
Coil Rows - fins per inch	1 - 25	1 - 25	1 - 25	1 - 25	1 - 25	1 - 25	1 - 25
Low Pressure Switch Open Pressure (psig)	27 ± 4	27 ± 4	27 ± 4	27 ± 4	27 ± 4	27 ± 4	27 ± 4
Close Pressure (psig)	67 ± 7	67 ± 7	67 ± 7	67 ± 7	67 ± 7	67 ± 7	67 ± 7
High Pressure Switch Open Pressure (psig)	426 ± 7	426 ± 7	426 ± 7	426 ± 7	426 ± 7	426 ± 7	426 ± 7
Close Pressure (psig)	272 ± 26	272 ± 26	272 ± 26	272 ± 26	272 ± 26	272 ± 26	272 ± 26
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)	3/4 (19)	3/4 (19)	3/4 (19)	7/8 (22)	7/8 (22)	7/8 (22)	7/8 (22)
Recommended Line Set Liquid Tube Diameter in. (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Recommended Line Set Vapor Tube Diameter in. (mm)	3/4 (19)*	3/4 (19)*	3/4 (19)*	7/8 (22)*	7/8 (22)*	7/8 (22)*	1 1/8 (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-22 lbs. (kg)	3.50 (1.59)	3.75 (1.70)	4.25 (1.93)	5.40 (2.45)	6.84 (3.10)	7.54 (3.42)	9.20 (4.17)
Required Subcooling °F (°C)	10 (6)	10 (6)	10 (6)	7 (4)	11 (6)	10 (6)	10 (6)
Weight, shipping lbs. (kg)	144 (65)	147 (67)	152 (69)	193 (88)	241 (109)	287 (130)	279 (127)
Weight, operating lbs. (kg)	120 (54)	125 (57)	128 (58)	159 (72)	203 (92)	248 (112)	235 (107)

ELECTRICAL DATA (208/230-1-60, voltage range 197V - 253V)							
Model Size	18	24	30	36	42	48	60
Minimum Circuit Ampacity - MCA (amps)	10.1	13.6	18.4	19.1	25.2	26.4	32.9
Maximum OverCurrent Protective device - MOCP (amps)	20	20	30	30	40	40	50
Compressor RLA (Rated Load Amps)	7.7	10.4	14.1	14.4	19.2	20.2	25.3
LRA (Locked Rotor Amps)	40.3	54.0	68.0	77.0	104.0	137.0	141.0
Fan Motor FLA (Full Load Amps)	0.5	0.5	0.8	1.1	1.2	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.(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)	5/8 (16)	0	1	1	1	2	3	3	4	5	5	6
		3/4 (19)	0	0	0	0	0	1	1	1	1	2	2
24		5/8 (16)	0	1	3	3	3	5	6	7	8	9	10
		3/4 (19)	0	0	0	0	1	1	1	2	2	3	3
30		3/4 (19)	0	1	1	1	2	3	3	4	5	5	6
		7/8 (22)	0	0	0	0	1	1	1	2	2	2	3
36		3/4 (19)	0	1	2	2	3	4	5	6	7	8	9
		7/8 (22)	0	0	1	1	1	2	2	3	3	4	4
42		3/4 (19)	1	2	3	3	4	5	7	8	9	10	11
		7/8 (22)	0	1	1	1	2	2	3	4	4	5	5
48		3/4 (19)	1	2	4	4	5	7	8	10	11	13	14
		7/8 (22)	0	1	2	2	2	3	4	5	5	6	7
60	1 1/8 (29)	0	0	0	0	0	0	1	1	1	1	1	
	7/8 (22)	1	2	3	3	4	5	7	8	9	10	11	
		1 1/8 (29)	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 (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 LOW-AMBIENT APPLICATIONS {Below 55°F (13°C)}	REQUIRED FOR LONG LINE APPLICATIONS* {Over 80 Ft.(24.4m)}
Crankcase Heater	Yes	Yes
Evaporator Freeze Thermostat	Yes	No
Winter Start Control	Yes	No
Hard Start Kit	Yes	Yes
Low Ambient Kit (Pressure Switch)	Yes	No
Support Feet, 4" (102mm) tall	Recommended	No
Liquid Line Solenoid Valve	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
NASA001CH	Crankcase Heater for Scroll Compressor (208/230 V)	42 (factory installed on 48, 60)
NASA003CH	Crankcase Heater for Scroll Compressor (208/230 V)	18, 24, 30, 36
NASA001SC	Start Component - PTC Device	ALL
NASA001FS	Evaporator Freeze Thermostat	ALL
NASA201LS	Liquid Line Solenoid Valve, R-22	ALL
NASA001TD	Time Delay Relay, Indoor Blower	ALL
NASA001WS	Winter Start Control	ALL
NASA001AC	Anti-Cycle Timer (5 minute delay)	ALL
NASA003SC	Hard Start Kit (Capacitor & Relay)	18, 36, 42, 48, 60
NASA005SC	Hard Start Kit (Capacitor & Relay)	24, 30
NASA201LA	Low Ambient Kit (Pressure Switch), R-22	ALL
NASA001SF	Support Feet, 4" (102mm) tall	ALL
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

COOLING PERFORMANCE FOR COMBINATION RATINGS								
Indoor Models								
Outdoor Model	Current Indoor Model († tested combo)	Furnace Model	Factory Installed	Cooling 95° F (35° C)			SEER	
				BTU/hr	S/T	EER	Factory	w/ Field TDR
T2A318GKD	‡EB*2X18B**	†	TXV	17,200	0.74	11.50		13.00
	EB*2X18B**	*8MPV050	TDR&TXV	17,200	0.74	12.20	14.50	
	EB*2X18B**	MV08B15**B*	TDR&TXV	17,200	0.74	12.20	14.50	
	EB*2X24B**	*8MPV050	TDR&TXV	17,400	0.74	12.50	15.00	
	EB*2X24B**	MV08B15**B*	TDR&TXV	17,200	0.74	12.50	15.00	
	EB*2X24B**	†	TXV	17,200	0.74	11.50		13.20
	EB*2X24F**	*9MPV050	TDR&TXV	18,300	0.74	12.50	15.00	
	EB*2X24F**	*9MPV075	TDR&TXV	18,500	0.74	12.50	15.00	
	EB*2X24F**	†	TXV	17,200	0.74	11.50		13.20
	ED*2X18B**	*8MPV050	TDR&TXV	17,200	0.74	12.20	14.50	
	ED*2X18B**	MV08B15**B*	TDR&TXV	17,200	0.74	12.20	14.50	
	ED*2X18B**	†	TXV	17,200	0.74	11.50		13.00
	ED*2X24B**	*8MPV050	TDR&TXV	18,000	0.74	12.50	15.00	
	ED*2X24B**	MV08B15**B*	TDR&TXV	17,200	0.74	12.50	15.00	
	ED*2X24B**	†	TXV	17,200	0.74	11.50		13.20
	ED*2X24F**	*9MPV050	TDR&TXV	18,300	0.74	12.50	15.00	
	ED*2X24F**	*9MPV075	TDR&TXV	18,500	0.74	12.50	15.00	
	ED*2X24F**	†	TXV	17,200	0.74	11.50		13.20
	EHD2X24A**	*8MPV050	TDR&TXV	17,200	0.74	12.50	15.00	
	EHD2X24A**	*9MPV050	TDR&TXV	17,200	0.74	12.50	15.00	
	EHD2X24A**	*9MPV075	TDR&TXV	17,200	0.74	12.50	15.00	
	EHD2X24A**	*9MVX040	TDR&TXV	18,000	0.74	12.20	14.50	
	EHD2X24A**	*9MVX060	TDR&TXV	18,000	0.74	12.50	15.00	
	EHD2X24A**	MV08B15**B*	TDR&TXV	17,200	0.74	12.50	15.00	
	EHD2X24A**	†	TXV	17,200	0.74	11.50		13.20
	EMA2X24D**	†	TXV	17,200	0.74	11.50		13.20
	FEM2X18****	†	TDR&TXV	17,200	0.74	12.20	14.50	
	FEM2X24****	†	TDR&TXV	17,200	0.74	12.50	15.00	
	FS(M,U)2X18****	†	TDR&TXV	17,200	0.74	11.50	13.20	
	FS(M,U)2X24****	†	TDR&TXV	17,200	0.74	11.50	13.20	
FSA2X18****	†	TDR&TXV	17,200	0.74	11.50	13.20		
FSA2X24****	†	TDR&TXV	17,200	0.74	11.70	13.50		
FVM2X24****	†	TDR&TXV	17,100	0.74	12.50	15.00		
T2A324GKD	‡EB*2X24B**	†	TXV	23,200	0.74	11.20		13.00
	EB*2X24B**	*8MPV050	TDR&TXV	23,200	0.74	11.70	13.50	
	EB*2X24B**	MV08B15**B*	TDR&TXV	23,200	0.74	12.20	14.50	
	EB*2X24F**	*8MPV075	TDR&TXV	23,200	0.74	12.00	14.00	
	EB*2X24F**	*9MPV050	TDR&TXV	23,200	0.74	12.00	14.00	
	EB*2X24F**	*9MPV075	TDR&TXV	23,200	0.74	12.00	14.00	
	EB*2X24F**	*9MVX040	TDR&TXV	23,000	0.74	12.00	14.00	
	EB*2X24F**	*9MVX060	TDR&TXV	23,200	0.74	12.00	14.00	
	EB*2X24F**	MV12F19**B*	TDR&TXV	23,200	0.74	12.20	14.50	
	EB*2X24F**	†	TXV	23,200	0.74	11.20		13.00
EB*2X30B**	*8MPV050	TDR&TXV	23,200	0.74	11.70	13.50		

2009 ENERGY STAR compliance for combinations with both: SEER 14.50 or higher and EER 12.00 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 PERFORMANCE FOR COMBINATION RATINGS (continued)								
Indoor Models								
Outdoor Model	Current Indoor Model († tested combo)	Furnace Model	Factory Installed	Cooling 95° F (35° C)			SEER	
				BTU/hr	S/T	EER	Factory	w/ Field TDR
T2A324GKD (continued)	EB*2X30B**	MV08B15**B*	TDR&TXV	23,200	0.74	12.20	14.50	
	EB*2X30B**	†	TXV	23,200	0.74	11.20		13.00
	EB*2X30F**	*8MPV075	TDR&TXV	23,200	0.74	12.00	14.00	
	EB*2X30F**	*9MPV050	TDR&TXV	23,200	0.74	12.00	14.00	
	EB*2X30F**	*9MPV075	TDR&TXV	23,200	0.74	12.00	14.00	
	EB*2X30F**	*9MVX040	TDR&TXV	23,200	0.74	12.00	14.00	
	EB*2X30F**	*9MVX060	TDR&TXV	23,400	0.74	12.00	14.00	
	EB*2X30F**	MV12F19**B*	TDR&TXV	23,200	0.74	12.20	14.50	
	EB*2X30F**	†	TXV	23,200	0.74	11.20		13.00
	ED*2X24B**	*8MPV050	TDR&TXV	23,200	0.74	11.70	13.50	
	ED*2X24B**	MV08B15**B*	TDR&TXV	23,200	0.74	12.20	14.50	
	ED*2X24B**	†	TXV	23,200	0.74	11.20		13.00
	ED*2X24F**	*8MPV075	TDR&TXV	23,200	0.74	12.00	14.00	
	ED*2X24F**	*9MPV050	TDR&TXV	23,200	0.74	12.00	14.00	
	ED*2X24F**	*9MPV075	TDR&TXV	23,200	0.74	12.00	14.00	
	ED*2X24F**	*9MVX040	TDR&TXV	23,000	0.74	12.00	14.00	
	ED*2X24F**	*9MVX060	TDR&TXV	23,200	0.74	12.00	14.00	
	ED*2X24F**	MV12F19**B*	TDR&TXV	23,200	0.74	12.20	14.50	
	ED*2X24F**	†	TXV	23,200	0.74	11.20		13.00
	ED*2X30B**	*8MPV050	TDR&TXV	23,200	0.74	11.70	13.50	
	ED*2X30B**	MV08B15**B*	TDR&TXV	23,200	0.74	12.20	14.50	
	ED*2X30B**	†	TXV	23,200	0.74	11.20		13.00
	ED*2X30F**	*8MPV075	TDR&TXV	23,200	0.74	12.00	14.00	
	ED*2X30F**	*9MPV050	TDR&TXV	23,200	0.74	12.00	14.00	
	ED*2X30F**	*9MPV075	TDR&TXV	23,200	0.74	12.00	14.00	
	ED*2X30F**	*9MVX040	TDR&TXV	23,200	0.74	12.00	14.00	
	ED*2X30F**	*9MVX060	TDR&TXV	23,400	0.74	12.00	14.00	
	ED*2X30F**	MV12F19**B*	TDR&TXV	23,200	0.74	12.20	14.50	
	ED*2X30F**	†	TXV	23,200	0.74	11.20		13.00
	EHD2X24A**	*8MPV050	TDR&TXV	23,200	0.74	11.70	13.50	
	EHD2X24A**	*8MPV075	TDR&TXV	23,200	0.74	12.00	14.00	
	EHD2X24A**	*8MPV100	TDR&TXV	23,200	0.74	12.00	14.00	
	EHD2X24A**	*8MPV125	TDR&TXV	23,200	0.74	12.20	14.50	
	EHD2X24A**	*9MPV050	TDR&TXV	23,200	0.74	12.00	14.00	
	EHD2X24A**	*9MPV075	TDR&TXV	23,200	0.74	12.00	14.00	
	EHD2X24A**	*9MPV100	TDR&TXV	23,200	0.74	12.00	14.00	
	EHD2X24A**	*9MPV125	TDR&TXV	23,200	0.74	12.00	14.00	
	EHD2X24A**	*9MVX040	TDR&TXV	23,000	0.74	12.00	14.00	
	EHD2X24A**	*9MVX060	TDR&TXV	23,200	0.74	12.00	14.00	
	EHD2X24A**	*9MVX080	TDR&TXV	23,400	0.74	12.00	14.00	
	EHD2X24A**	*9MVX100	TDR&TXV	23,400	0.74	12.20	14.50	
	EHD2X24A**	MV08B15**B*	TDR&TXV	23,200	0.74	12.20	14.50	
	EHD2X24A**	MV12F19**B*	TDR&TXV	23,200	0.74	12.20	14.50	
	EHD2X24A**	†	TXV	23,200	0.74	11.20		13.00
	EHD2X30A**	*8MPV050	TDR&TXV	23,200	0.74	11.70	13.50	

2009 ENERGY STAR compliance for combinations with both: SEER 14.50 or higher and EER 12.00 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 PERFORMANCE FOR COMBINATION RATINGS (continued)								
Indoor Models								
Outdoor Model	Current Indoor Model († tested combo)	Furnace Model	Factory Installed	Cooling 95° F (35° C)			SEER	
				BTU/hr	S/T	EER	Factory	w/ Field TDR
T2A324GKD (continued)	EHD2X30A**	*8MPV075	TDR&TXV	23,200	0.74	12.00	14.00	
	EHD2X30A**	*8MPV100	TDR&TXV	23,200	0.74	12.20	14.50	
	EHD2X30A**	*8MPV125	TDR&TXV	23,200	0.74	12.20	14.50	
	EHD2X30A**	*9MPV050	TDR&TXV	23,200	0.74	12.00	14.00	
	EHD2X30A**	*9MPV075	TDR&TXV	23,200	0.74	12.00	14.00	
	EHD2X30A**	*9MPV100	TDR&TXV	23,200	0.74	12.00	14.00	
	EHD2X30A**	*9MPV125	TDR&TXV	23,200	0.74	12.20	14.50	
	EHD2X30A**	*9MVX040	TDR&TXV	23,200	0.74	12.00	14.00	
	EHD2X30A**	*9MVX060	TDR&TXV	23,400	0.74	12.00	14.00	
	EHD2X30A**	*9MVX080	TDR&TXV	23,400	0.74	12.20	14.50	
	EHD2X30A**	*9MVX100	TDR&TXV	23,400	0.74	12.20	14.50	
	EHD2X30A**	MV08B15**B*	TDR&TXV	23,200	0.74	12.20	14.50	
	EHD2X30A**	MV12F19**B*	TDR&TXV	23,200	0.74	12.20	14.50	
	EHD2X30A**	†	TXV	23,200	0.74	11.20		13.00
	EMA2X24D**	†	TXV	23,200	0.74	11.20		13.00
	FEM2X24****	†	TDR&TXV	23,200	0.74	12.00	14.00	
	FEM2X30****	†	TDR&TXV	23,200	0.74	12.20	14.50	
	FS(M,U)2X24****	†	TDR&TXV	23,000	0.74	11.20	13.00	
	FS(M,U)2X30****	†	TDR&TXV	23,200	0.74	11.50	13.00	
	FSA2X24****	†	TDR&TXV	22,800	0.74	11.00	13.00	
FSA2X30****	†	TDR&TXV	23,000	0.74	11.00	13.00		
FVM2X24****	†	TDR&TXV	22,800	0.74	12.00	14.00		
FVM2X36****	†	TDR&TXV	23,200	0.74	12.20	14.50		
T2A330GKD	†EB*2X36F**	†	TXV	28,200	0.76	11.00		13.00
	EB*2X30B**	*8MPV050	TDR&TXV	28,000	0.76	11.00	13.00	
	EB*2X30B**	MV08B15**B*	TDR&TXV	28,200	0.76	12.00	14.00	
	EB*2X30B**	†	TXV	27,600	0.76	11.00		13.00
	EB*2X30F**	*8MPV075	TDR&TXV	28,200	0.76	11.70	14.00	
	EB*2X30F**	*9MPV050	TDR&TXV	28,000	0.76	11.50	13.50	
	EB*2X30F**	*9MPV075	TDR&TXV	28,000	0.76	11.50	13.50	
	EB*2X30F**	*9MVX040	TDR&TXV	28,000	0.76	11.50	13.50	
	EB*2X30F**	*9MVX060	TDR&TXV	28,000	0.76	11.50	13.50	
	EB*2X30F**	MV12F19**B*	TDR&TXV	28,200	0.76	12.20	14.50	
	EB*2X30F**	†	TXV	27,600	0.76	11.00		13.00
	EB*2X36B**	*8MPV050	TDR&TXV	28,200	0.76	11.00	13.00	
	EB*2X36B**	MV08B15**B*	TDR&TXV	28,200	0.76	12.00	14.00	
	EB*2X36B**	†	TXV	28,200	0.76	11.00		13.00
	EB*2X36F**	*8MPV075	TDR&TXV	28,200	0.76	11.70	14.00	
	EB*2X36F**	*9MPV050	TDR&TXV	28,200	0.76	11.50	13.50	
	EB*2X36F**	*9MPV075	TDR&TXV	28,200	0.76	11.50	13.50	
	EB*2X36F**	*9MVX040	TDR&TXV	28,200	0.76	11.50	13.50	
	EB*2X36F**	*9MVX060	TDR&TXV	28,200	0.76	11.50	13.50	
	EB*2X36F**	MV12F19**B*	TDR&TXV	28,200	0.76	12.20	14.50	
EB*2X36J**	*8MPV100	TDR&TXV	28,200	0.76	12.00	14.00		

2009 ENERGY STAR compliance for combinations with both: SEER 14.50 or higher and EER 12.00 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 PERFORMANCE FOR COMBINATION RATINGS (continued)								
Indoor Models								
Outdoor Model	Current Indoor Model († tested combo)	Furnace Model	Factory Installed	Cooling 95° F (35° C)			SEER	
				BTU/hr	S/T	EER	Factory	w/ Field TDR
T2A330GKD (continued)	EB*2X36J**	*8MPV125	TDR&TXV	28,200	0.76	12.00	14.00	
	EB*2X36J**	*9MPV100	TDR&TXV	28,200	0.76	12.00	14.00	
	EB*2X36J**	*9MVX080	TDR&TXV	28,200	0.76	12.00	14.00	
	EB*2X36J**	†	TXV	28,200	0.76	11.00		13.00
	ED*2X30B**	*8MPV050	TDR&TXV	28,000	0.76	11.00	13.00	
	ED*2X30B**	MV08B15**B*	TDR&TXV	28,200	0.76	12.00	14.00	
	ED*2X30B**	†	TXV	27,600	0.76	11.00		13.00
	ED*2X30F**	*8MPV075	TDR&TXV	28,200	0.76	11.70	14.00	
	ED*2X30F**	*9MPV050	TDR&TXV	28,000	0.76	11.50	13.50	
	ED*2X30F**	*9MPV075	TDR&TXV	28,000	0.76	11.50	13.50	
	ED*2X30F**	*9MVX040	TDR&TXV	28,000	0.76	11.50	13.50	
	ED*2X30F**	*9MVX060	TDR&TXV	28,000	0.76	11.50	13.50	
	ED*2X30F**	MV12F19**B*	TDR&TXV	28,200	0.76	12.20	14.50	
	ED*2X30F**	†	TXV	27,600	0.76	11.00		13.00
	ED*2X36B**	*8MPV050	TDR&TXV	28,200	0.76	11.00	13.00	
	ED*2X36B**	MV08B15**B*	TDR&TXV	28,200	0.76	12.00	14.00	
	ED*2X36B**	†	TXV	28,200	0.76	11.00		13.00
	ED*2X36F**	*8MPV075	TDR&TXV	28,200	0.76	11.70	14.00	
	ED*2X36F**	*9MPV050	TDR&TXV	28,200	0.76	11.50	13.50	
	ED*2X36F**	*9MPV075	TDR&TXV	28,200	0.76	11.50	13.50	
	ED*2X36F**	*9MVX040	TDR&TXV	28,200	0.76	11.50	13.50	
	ED*2X36F**	*9MVX060	TDR&TXV	28,200	0.76	11.50	13.50	
	ED*2X36F**	MV12F19**B*	TDR&TXV	28,200	0.76	12.20	14.50	
	ED*2X36F**	†	TXV	28,200	0.76	11.00		13.00
	ED*2X36J**	*8MPV100	TDR&TXV	28,200	0.76	12.00	14.00	
	ED*2X36J**	*8MPV125	TDR&TXV	28,200	0.76	12.00	14.00	
	ED*2X36J**	*9MPV100	TDR&TXV	28,200	0.76	12.00	14.00	
	ED*2X36J**	*9MVX080	TDR&TXV	28,200	0.76	12.00	14.00	
	ED*2X36J**	†	TXV	28,200	0.76	11.00		13.00
	EHD2X30A**	*8MPV050	TDR&TXV	28,200	0.76	11.00	13.00	
	EHD2X30A**	*8MPV075	TDR&TXV	28,200	0.76	11.70	14.00	
	EHD2X30A**	*8MPV100	TDR&TXV	28,200	0.76	12.00	14.00	
	EHD2X30A**	*8MPV125	TDR&TXV	28,200	0.76	12.00	14.00	
	EHD2X30A**	*9MPV050	TDR&TXV	28,000	0.76	11.50	13.50	
	EHD2X30A**	*9MPV075	TDR&TXV	28,000	0.76	11.50	13.50	
	EHD2X30A**	*9MPV100	TDR&TXV	28,200	0.76	11.70	14.00	
	EHD2X30A**	*9MPV125	TDR&TXV	28,200	0.76	11.70	14.00	
	EHD2X30A**	*9MVX040	TDR&TXV	28,000	0.76	11.50	13.50	
	EHD2X30A**	*9MVX060	TDR&TXV	28,000	0.76	11.50	13.50	
	EHD2X30A**	*9MVX080	TDR&TXV	28,000	0.76	11.50	13.50	
	EHD2X30A**	*9MVX100	TDR&TXV	28,000	0.76	11.70	14.00	
	EHD2X30A**	MV08B15**B*	TDR&TXV	28,200	0.76	12.00	14.00	
EHD2X30A**	MV12F19**B*	TDR&TXV	28,200	0.76	12.20	14.50		
EHD2X30A**	†	TXV	28,000	0.76	11.00		13.00	
EHD2X36A**	*8MPV050	TDR&TXV	28,200	0.76	11.50	13.50		

2009 ENERGY STAR compliance for combinations with both: SEER 14.50 or higher and EER 12.00 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 PERFORMANCE FOR COMBINATION RATINGS (continued)									
Indoor Models									
Outdoor Model	Current Indoor Model († tested combo)	Furnace Model	Factory Installed	Cooling 95° F (35° C)			SEER		
				BTU/hr	S/T	EER	Factory	w/ Field TDR	
T2A330GKD (continued)	EHD2X36A**	*8MPV075	TDR&TXV	28,200	0.76	12.00	14.00		
	EHD2X36A**	*8MPV100	TDR&TXV	28,200	0.76	12.20	14.50		
	EHD2X36A**	*8MPV125	TDR&TXV	28,200	0.76	12.20	14.50		
	EHD2X36A**	*9MPV050	TDR&TXV	28,200	0.76	11.70	13.50		
	EHD2X36A**	*9MPV075	TDR&TXV	28,200	0.76	11.70	13.50		
	EHD2X36A**	*9MPV100	TDR&TXV	28,200	0.76	12.00	14.00		
	EHD2X36A**	*9MPV125	TDR&TXV	28,200	0.76	12.00	14.00		
	EHD2X36A**	*9MVX040	TDR&TXV	28,200	0.76	11.50	13.50		
	EHD2X36A**	*9MVX060	TDR&TXV	28,200	0.76	11.50	13.50		
	EHD2X36A**	*9MVX080	TDR&TXV	28,200	0.76	12.00	14.00		
	EHD2X36A**	*9MVX100	TDR&TXV	28,200	0.76	12.00	14.00		
	EHD2X36A**	MV08B15**B*	TDR&TXV	28,200	0.76	12.20	14.50		
	EHD2X36A**	MV12F19**B*	TDR&TXV	28,200	0.76	12.20	14.50		
	EHD2X36A**	†	TXV	28,200	0.76	11.00		13.00	
	EMA2X36D**	†	TXV	28,200	0.76	11.00		13.00	
	FEM2X30****	†	TDR&TXV	27,800	0.76	11.20	13.20		
	FEM2X35****	†	TDR&TXV	28,200	0.76	11.50	13.50		
	FEM2X36****	†	TDR&TXV	28,200	0.76	11.70	13.50		
	FS(M,U)2X30****	†	TDR&TXV	27,600	0.76	11.00	13.00		
	FSA2X36****	†	TDR&TXV	28,200	0.76	11.00	13.00		
	FSM2X36****	†	TDR&TXV	28,200	0.76	11.00	13.00		
	FVM2X24****	†	TDR&TXV	27,600	0.76	11.70	13.50		
	FVM2X36****	†	TDR&TXV	28,200	0.76	12.20	14.50		
	FVM2X48****	†	TDR&TXV	28,200	0.76	12.20	14.50		
	T2A336GKD	‡EB*2X36F**	†	TXV	33,800	0.75	11.20		13.00
		EB*2X36B**	MV08B15**B*	TDR&TXV	33,800	0.75	12.00	14.00	
		EB*2X36B**	†	TXV	33,600	0.75	11.20		13.00
		EB*2X36F**	*8MPV075	TDR&TXV	33,800	0.75	11.70	13.50	
EB*2X36F**		*9MPV050	TDR&TXV	33,400	0.75	11.20	13.00		
EB*2X36F**		*9MPV075	TDR&TXV	33,600	0.75	11.50	13.20		
EB*2X36F**		*9MVX040	TDR&TXV	34,400	0.75	11.20	13.20		
EB*2X36F**		*9MVX060	TDR&TXV	34,400	0.75	11.70	13.50		
EB*2X36F**		MV12F19**B*	TDR&TXV	34,000	0.75	12.20	14.50		
EB*2X36J**		*8MPV100	TDR&TXV	34,400	0.75	12.00	14.00		
EB*2X36J**		*8MPV125	TDR&TXV	34,400	0.75	12.00	14.00		
EB*2X36J**		*9MPV100	TDR&TXV	34,200	0.75	12.00	14.00		
EB*2X36J**		*9MVX080	TDR&TXV	34,400	0.75	11.70	13.50		
EB*2X36J**		MV16J22**B*	TDR&TXV	34,000	0.75	12.20	14.50		
EB*2X36J**		†	TXV	33,800	0.75	11.20		13.00	
EB*2X42F**		*8MPV075	TDR&TXV	34,000	0.75	11.70	13.50		
EB*2X42F**		*9MPV050	TDR&TXV	33,800	0.75	11.50	13.20		
EB*2X42F**		*9MPV075	TDR&TXV	33,800	0.75	11.70	13.50		
EB*2X42F**		*9MVX040	TDR&TXV	34,800	0.75	11.50	13.20		
EB*2X42F**		*9MVX060	TDR&TXV	35,000	0.75	11.70	13.50		

2009 ENERGY STAR compliance for combinations with both: SEER 14.50 or higher and EER 12.00 or higher.

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COOLING PERFORMANCE FOR COMBINATION RATINGS (continued)								
Indoor Models								
Outdoor Model	Current Indoor Model († tested combo)	Furnace Model	Factory Installed	Cooling 95° F (35° C)			SEER	
				BTU/hr	S/T	EER	Factory	w/ Field TDR
T2A336GKD (continued)	EB*2X42F**	MV12F19**B*	TDR&TXV	33,800	0.75	12.20	14.50	
	EB*2X42F**	†	TXV	34,000	0.75	11.20		13.00
	EB*2X42J**	*8MPV100	TDR&TXV	34,600	0.75	12.00	14.00	
	EB*2X42J**	*8MPV125	TDR&TXV	34,600	0.75	12.00	14.00	
	EB*2X42J**	*9MPV100	TDR&TXV	34,600	0.75	11.70	13.50	
	EB*2X42J**	*9MVX080	TDR&TXV	35,000	0.75	11.70	13.50	
	EB*2X42J**	MV16J22**B*	TDR&TXV	34,200	0.75	12.20	14.50	
	EB*2X42J**	†	TXV	34,200	0.75	11.20		13.00
	EB*2X42L**	*9MPV125	TDR&TXV	34,600	0.75	12.00	14.00	
	EB*2X42L**	*9MVX100	TDR&TXV	35,000	0.75	12.00	14.00	
	EB*2X42L**	MV20L24**B*	TDR&TXV	34,200	0.75	12.20	14.50	
	EB*2X42L**	†	TXV	34,200	0.75	11.20		13.00
	ED*2X36B**	MV08B15**B*	TDR&TXV	33,800	0.75	12.00	14.00	
	ED*2X36B**	†	TXV	33,600	0.75	11.20		13.00
	ED*2X36F**	*8MPV075	TDR&TXV	33,800	0.75	11.70	13.50	
	ED*2X36F**	*9MPV050	TDR&TXV	33,400	0.75	11.20	13.00	
	ED*2X36F**	*9MPV075	TDR&TXV	33,600	0.75	11.50	13.20	
	ED*2X36F**	*9MVX040	TDR&TXV	34,400	0.75	11.20	13.20	
	ED*2X36F**	*9MVX060	TDR&TXV	34,400	0.75	11.70	13.50	
	ED*2X36F**	MV12F19**B*	TDR&TXV	34,000	0.75	12.20	14.50	
	ED*2X36F**	†	TXV	33,800	0.75	11.20		13.00
	ED*2X36J**	*8MPV100	TDR&TXV	34,400	0.75	12.00	14.00	
	ED*2X36J**	*8MPV125	TDR&TXV	34,400	0.75	12.00	14.00	
	ED*2X36J**	*9MPV100	TDR&TXV	34,200	0.75	12.00	14.00	
	ED*2X36J**	*9MVX080	TDR&TXV	34,400	0.75	11.70	13.50	
	ED*2X36J**	MV16J22**B*	TDR&TXV	34,000	0.75	12.20	14.50	
	ED*2X36J**	†	TXV	33,800	0.75	11.20		13.00
	ED*2X42F**	*8MPV075	TDR&TXV	34,200	0.75	11.70	13.50	
	ED*2X42F**	*9MPV050	TDR&TXV	33,800	0.75	11.50	13.20	
	ED*2X42F**	*9MPV075	TDR&TXV	33,800	0.75	11.70	13.50	
	ED*2X42F**	*9MVX040	TDR&TXV	34,800	0.75	11.50	13.20	
	ED*2X42F**	*9MVX060	TDR&TXV	35,000	0.75	11.70	13.50	
	ED*2X42F**	MV12F19**B*	TDR&TXV	34,200	0.75	12.20	14.50	
	ED*2X42F**	†	TXV	34,200	0.75	11.20		13.00
	ED*2X42J**	*8MPV100	TDR&TXV	34,600	0.75	12.00	14.00	
	ED*2X42J**	*8MPV125	TDR&TXV	34,600	0.75	12.00	14.00	
	ED*2X42J**	*9MPV100	TDR&TXV	34,600	0.75	11.70	13.50	
	ED*2X42J**	*9MVX080	TDR&TXV	35,000	0.75	11.70	13.50	
	ED*2X42J**	MV16J22**B*	TDR&TXV	34,200	0.75	12.20	14.50	
	ED*2X42J**	†	TXV	34,200	0.75	11.20		13.00
	ED*2X42L**	*9MPV125	TDR&TXV	34,600	0.75	12.00	14.00	
	ED*2X42L**	*9MVX100	TDR&TXV	35,000	0.75	12.00	14.00	
ED*2X42L**	MV20L24**B*	TDR&TXV	34,200	0.75	12.20	14.50		
ED*2X42L**	†	TXV	34,200	0.75	11.20		13.00	
EHD2X36A**	*8MPV050	TDR&TXV	33,400	0.75	11.50	13.20		

2009 ENERGY STAR compliance for combinations with both: SEER 14.50 or higher and EER 12.00 or higher.

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COOLING PERFORMANCE FOR COMBINATION RATINGS (continued)								
Indoor Models								
Outdoor Model	Current Indoor Model († tested combo)	Furnace Model	Factory Installed	Cooling 95° F (35° C)			SEER	
				BTU/hr	S/T	EER	Factory	w/ Field TDR
T2A336GKD (continued)	EHD2X36A**	*8MPV075	TDR&TXV	34,000	0.75	12.00	14.00	
	EHD2X36A**	*8MPV100	TDR&TXV	34,200	0.75	12.00	14.00	
	EHD2X36A**	*8MPV125	TDR&TXV	34,000	0.75	12.00	14.00	
	EHD2X36A**	*9MPV050	TDR&TXV	33,400	0.75	11.70	13.50	
	EHD2X36A**	*9MPV075	TDR&TXV	33,400	0.75	11.70	13.50	
	EHD2X36A**	*9MPV100	TDR&TXV	34,000	0.75	12.00	14.00	
	EHD2X36A**	*9MPV125	TDR&TXV	34,000	0.75	12.00	14.00	
	EHD2X36A**	*9MVX040	TDR&TXV	34,400	0.75	11.20	13.20	
	EHD2X36A**	*9MVX060	TDR&TXV	34,400	0.75	11.70	13.50	
	EHD2X36A**	*9MVX080	TDR&TXV	34,400	0.75	11.70	13.50	
	EHD2X36A**	*9MVX100	TDR&TXV	35,000	0.75	12.00	14.00	
	EHD2X36A**	MV08B15**B*	TDR&TXV	33,600	0.75	12.00	14.00	
	EHD2X36A**	MV12F19**B*	TDR&TXV	33,800	0.75	12.20	14.50	
	EHD2X36A**	MV16J22**B*	TDR&TXV	33,800	0.75	12.20	14.50	
	EHD2X36A**	MV20L24**B*	TDR&TXV	33,800	0.75	12.20	14.50	
	EHD2X36A**	†	TXV	33,800	0.75	11.20		13.00
	EHD2X42A**	*8MPV050	TDR&TXV	33,600	0.75	11.70	13.50	
	EHD2X42A**	*8MPV075	TDR&TXV	34,200	0.75	11.70	14.00	
	EHD2X42A**	*8MPV100	TDR&TXV	34,600	0.75	12.00	14.00	
	EHD2X42A**	*8MPV125	TDR&TXV	34,600	0.75	12.00	14.00	
	EHD2X42A**	*9MPV050	TDR&TXV	33,800	0.75	11.70	13.50	
	EHD2X42A**	*9MPV075	TDR&TXV	34,000	0.75	11.70	13.50	
	EHD2X42A**	*9MPV100	TDR&TXV	34,400	0.75	11.70	13.50	
	EHD2X42A**	*9MPV125	TDR&TXV	34,600	0.75	12.00	14.00	
	EHD2X42A**	*9MVX040	TDR&TXV	34,800	0.75	11.50	13.20	
	EHD2X42A**	*9MVX060	TDR&TXV	35,000	0.75	11.70	13.50	
	EHD2X42A**	*9MVX080	TDR&TXV	35,000	0.75	11.70	13.50	
	EHD2X42A**	*9MVX100	TDR&TXV	35,000	0.75	12.00	14.00	
	EHD2X42A**	MV08B15**B*	TDR&TXV	34,200	0.75	12.20	14.50	
	EHD2X42A**	MV12F19**B*	TDR&TXV	34,200	0.75	12.20	14.50	
	EHD2X42A**	MV16J22**B*	TDR&TXV	34,200	0.75	12.20	14.50	
	EHD2X42A**	MV20L24**B*	TDR&TXV	34,200	0.75	12.20	14.50	
	EHD2X42A**	†	TXV	34,200	0.75	11.20		13.00
	EMA2X36D**	†	TXV	33,800	0.75	11.20		13.00
	FEM2X35****	†	TDR&TXV	34,600	0.75	11.70	13.50	
	FEM2X36****	†	TDR&TXV	35,200	0.75	12.00	14.00	
	FEM2X42****	†	TDR&TXV	35,200	0.75	12.00	14.00	
	FS(M,U)2X42****	†	TDR&TXV	34,400	0.75	11.20	13.00	
	FSA2X36****	†	TDR&TXV	33,800	0.75	11.20	13.00	
	FSM2X36****	†	TDR&TXV	34,400	0.75	11.50	13.20	
FSU2X36****	†	TDR&TXV	34,000	0.75	11.00	13.00		
FVM2X24****	†	TDR&TXV	33,800	0.75	11.70	13.50		
FVM2X36****	†	TDR&TXV	34,200	0.75	12.00	14.00		
FVM2X48****	†	TDR&TXV	35,400	0.75	12.20	14.50		
FVM2X60****	†	TDR&TXV	35,600	0.75	12.50	15.00		

2009 ENERGY STAR compliance for combinations with both: SEER 14.50 or higher and EER 12.00 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 PERFORMANCE FOR COMBINATION RATINGS (continued)								
Indoor Models								
Outdoor Model	Current Indoor Model († tested combo)	Furnace Model	Factory Installed	Cooling 95° F (35° C)			SEER	
				BTU/hr	S/T	EER	Factory	w/ Field TDR
T2A342GKD	‡EB*2X42J**	†	TXV	40,500	0.77	11.00		13.00
	EB*2X42F**	*8MPV075	TDR&TXV	40,000	0.77	11.20	13.20	
	EB*2X42F**	*9MVX060	TDR&TXV	39,500	0.77	11.00	13.00	
	EB*2X42F**	†	TXV	39,500	0.77	11.00		13.00
	EB*2X42J**	*8MPV100	TDR&TXV	40,500	0.77	11.20	13.50	
	EB*2X42J**	*8MPV125	TDR&TXV	40,500	0.77	11.20	13.50	
	EB*2X42J**	*9MPV100	TDR&TXV	40,500	0.77	11.00	13.20	
	EB*2X42J**	*9MVX080	TDR&TXV	40,000	0.77	11.50	13.20	
	EB*2X42J**	MV16J22**B*	TDR&TXV	40,500	0.77	12.00	14.00	
	EB*2X42L**	*9MPV125	TDR&TXV	40,500	0.77	11.20	13.50	
	EB*2X42L**	*9MVX100	TDR&TXV	40,000	0.77	11.70	13.50	
	EB*2X42L**	†	TXV	40,500	0.77	11.00		13.00
	EB*2X48F**	*8MPV075	TDR&TXV	40,500	0.77	11.00	13.20	
	EB*2X48F**	*9MPV075	TDR&TXV	40,000	0.77	11.00	13.20	
	EB*2X48F**	*9MVX060	TDR&TXV	41,000	0.77	11.20	13.20	
	EB*2X48F**	†	TXV	40,500	0.77	11.00		13.00
	EB*2X48J**	*8MPV100	TDR&TXV	40,500	0.77	12.00	14.00	
	EB*2X48J**	*8MPV125	TDR&TXV	41,000	0.77	12.00	14.00	
	EB*2X48J**	*9MPV100	TDR&TXV	41,000	0.77	11.20	13.50	
	EB*2X48J**	*9MVX080	TDR&TXV	41,000	0.77	11.70	13.50	
	EB*2X48J**	MV16J22**B*	TDR&TXV	41,000	0.77	12.20	14.50	
	EB*2X48J**	†	TXV	41,000	0.77	11.00		13.00
	EB*2X48L**	*9MPV125	TDR&TXV	40,500	0.77	12.00	14.00	
	EB*2X48L**	*9MVX100	TDR&TXV	41,000	0.77	11.70	13.50	
	EB*2X48L**	†	TXV	41,000	0.77	11.00		13.00
	ED*2X42F**	*8MPV075	TDR&TXV	40,000	0.77	11.20	13.20	
	ED*2X42F**	*9MVX060	TDR&TXV	39,500	0.77	11.00	13.00	
	ED*2X42F**	†	TXV	39,500	0.77	11.00		13.00
	ED*2X42J**	*8MPV100	TDR&TXV	40,500	0.77	11.20	13.50	
	ED*2X42J**	*8MPV125	TDR&TXV	40,500	0.77	11.20	13.50	
	ED*2X42J**	*9MPV100	TDR&TXV	40,500	0.77	11.00	13.20	
	ED*2X42J**	*9MVX080	TDR&TXV	40,000	0.77	11.50	13.20	
	ED*2X42J**	MV16J22**B*	TDR&TXV	40,500	0.77	12.20	14.50	
	ED*2X42J**	†	TXV	40,500	0.77	11.00		13.00
	ED*2X42L**	*9MPV125	TDR&TXV	40,500	0.77	11.20	13.50	
	ED*2X42L**	*9MVX100	TDR&TXV	40,000	0.77	11.70	13.50	
	ED*2X42L**	†	TXV	40,500	0.77	11.00		13.00
	ED*2X48F**	*8MPV075	TDR&TXV	40,500	0.77	11.00	13.20	
	ED*2X48F**	*9MPV075	TDR&TXV	40,000	0.77	11.00	13.20	
	ED*2X48F**	*9MVX060	TDR&TXV	41,000	0.77	11.20	13.20	
	ED*2X48F**	†	TXV	40,500	0.77	11.00		13.00
	ED*2X48J**	*8MPV100	TDR&TXV	40,500	0.77	12.00	14.00	
ED*2X48J**	*8MPV125	TDR&TXV	41,000	0.77	12.00	14.00		

2009 ENERGY STAR compliance for combinations with both: SEER 14.50 or higher and EER 12.00 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 PERFORMANCE FOR COMBINATION RATINGS (continued)								
Indoor Models								
Outdoor Model	Current Indoor Model († tested combo)	Furnace Model	Factory Installed	Cooling 95° F (35° C)			SEER	
				BTU/hr	S/T	EER	Factory	w/ Field TDR
T2A342GKD (continued)	ED*2X48J**	*9MPV100	TDR&TXV	41,000	0.77	11.20	13.50	
	ED*2X48J**	*9MVX080	TDR&TXV	41,000	0.77	11.70	13.50	
	ED*2X48J**	MV16J22**B*	TDR&TXV	41,000	0.77	12.00	14.00	
	ED*2X48J**	†	TXV	41,000	0.77	11.00		13.00
	ED*2X48L**	*9MPV125	TDR&TXV	40,500	0.77	12.00	14.00	
	ED*2X48L**	*9MVX100	TDR&TXV	41,000	0.77	11.70	13.50	
	ED*2X48L**	†	TXV	41,000	0.77	11.00		13.00
	EHD2X42A**	*8MPV075	TDR&TXV	40,500	0.77	11.00	13.20	
	EHD2X42A**	*8MPV100	TDR&TXV	40,500	0.77	11.20	13.50	
	EHD2X42A**	*8MPV125	TDR&TXV	40,500	0.77	11.20	13.50	
	EHD2X42A**	*9MPV075	TDR&TXV	40,500	0.77	11.00	13.20	
	EHD2X42A**	*9MPV100	TDR&TXV	40,500	0.77	11.20	13.50	
	EHD2X42A**	*9MPV125	TDR&TXV	40,500	0.77	11.20	13.50	
	EHD2X42A**	*9MVX060	TDR&TXV	39,500	0.77	11.00	13.00	
	EHD2X42A**	*9MVX080	TDR&TXV	40,000	0.77	11.50	13.20	
	EHD2X42A**	*9MVX100	TDR&TXV	40,000	0.77	11.70	13.50	
	EHD2X42A**	MV16J22**B*	TDR&TXV	40,500	0.77	12.00	14.00	
	EHD2X42A**	MV20L24**B*	TDR&TXV	40,500	0.77	12.20	14.50	
	EHD2X42A**	†	TXV	40,500	0.77	11.00		13.00
	EHD2X48A**	*8MPV075	TDR&TXV	40,000	0.77	11.00	13.20	
	EHD2X48A**	*8MPV100	TDR&TXV	40,500	0.77	12.00	14.00	
	EHD2X48A**	*8MPV125	TDR&TXV	41,000	0.77	12.00	14.00	
	EHD2X48A**	*9MPV075	TDR&TXV	40,000	0.77	11.00	13.20	
	EHD2X48A**	*9MPV100	TDR&TXV	40,000	0.77	11.20	13.50	
	EHD2X48A**	*9MPV125	TDR&TXV	40,500	0.77	12.00	14.00	
	EHD2X48A**	*9MVX060	TDR&TXV	41,000	0.77	11.20	13.20	
	EHD2X48A**	*9MVX080	TDR&TXV	41,000	0.77	11.70	13.50	
	EHD2X48A**	*9MVX100	TDR&TXV	41,000	0.77	11.70	13.50	
	EHD2X48A**	MV16J22**B*	TDR&TXV	40,000	0.77	12.20	14.50	
	EHD2X48A**	MV20L24**B*	TDR&TXV	40,000	0.77	12.20	14.50	
	EHD2X48A**	†	TXV	40,000	0.77	11.00		13.00
	EMA2X48D**	†	TXV	40,000	0.77	11.00		13.00
	FEM2X42****	†	TDR&TXV	41,500	0.77	11.20	13.50	
	FEM2X48****	†	TDR&TXV	42,000	0.77	11.50	14.00	
FS(M,U)2X42****	†	TDR&TXV	40,500	0.77	11.00	13.00		
FS(M,U)2X48****	†	TDR&TXV	41,000	0.77	11.00	13.00		
FVM2X48****	†	TDR&TXV	41,500	0.77	12.20	14.50		
FVM2X60****	†	TDR&TXV	42,000	0.77	12.20	14.50		
T2A348GKD	†EB*2X48J**	†	TXV	46,000	0.76	11.00		13.00
	EB*2X48F**	†	TXV	45,000	0.76	11.00		13.00
	EB*2X48J**	*8MPV100	TDR&TXV	46,000	0.76	11.00	13.20	
	EB*2X48J**	*8MPV125	TDR&TXV	46,500	0.76	11.00	13.20	
	EB*2X48J**	*9MPV100	TDR&TXV	45,000	0.76	11.00	13.20	
	EB*2X48J**	MV16J22**B*	TDR&TXV	46,000	0.76	12.00	14.00	

2009 ENERGY STAR compliance for combinations with both: SEER 14.50 or higher and EER 12.00 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 PERFORMANCE FOR COMBINATION RATINGS (continued)								
Indoor Models								
Outdoor Model	Current Indoor Model († tested combo)	Furnace Model	Factory Installed	Cooling 95° F (35° C)			SEER	
				BTU/hr	S/T	EER	Factory	w/ Field TDR
T2A348GKD (continued)	EB*2X48L**	*9MPV125	TDR&TXV	46,000	0.76	11.00	13.20	
	EB*2X48L**	†	TXV	46,000	0.76	11.00		13.00
	EB*2X60J**	*8MPV100	TDR&TXV	48,000	0.76	11.50	13.20	
	EB*2X60J**	*8MPV125	TDR&TXV	48,000	0.76	11.20	13.50	
	EB*2X60J**	*9MPV100	TDR&TXV	47,500	0.76	11.00	13.20	
	EB*2X60J**	MV16J22**B*	TDR&TXV	47,000	0.76	12.00	14.00	
	EB*2X60J**	†	TXV	47,500	0.76	11.50		13.20
	EB*2X60L**	*9MPV125	TDR&TXV	47,500	0.76	11.20	13.50	
	EB*2X60L**	†	TXV	47,500	0.76	11.50		13.20
	ED*2X48F**	†	TXV	45,000	0.76	11.00		13.00
	ED*2X48J**	*8MPV100	TDR&TXV	46,000	0.76	11.00	13.20	
	ED*2X48J**	*8MPV125	TDR&TXV	46,500	0.76	11.00	13.20	
	ED*2X48J**	*9MPV100	TDR&TXV	45,000	0.76	11.00	13.20	
	ED*2X48J**	MV16J22**B*	TDR&TXV	46,000	0.76	12.00	14.00	
	ED*2X48J**	†	TXV	46,000	0.76	11.00		13.00
	ED*2X48L**	*9MPV125	TDR&TXV	46,000	0.76	11.00	13.20	
	ED*2X48L**	†	TXV	46,000	0.76	11.00		13.00
	ED*2X60J**	*8MPV100	TDR&TXV	48,000	0.76	11.50	13.20	
	ED*2X60J**	*8MPV125	TDR&TXV	48,000	0.76	11.20	13.50	
	ED*2X60J**	*9MPV100	TDR&TXV	47,500	0.76	11.00	13.20	
	ED*2X60J**	MV16J22**B*	TDR&TXV	47,000	0.76	12.00	14.00	
	ED*2X60J**	†	TXV	47,500	0.76	11.50		13.20
	ED*2X60L**	*9MPV125	TDR&TXV	47,500	0.76	11.20	13.50	
	ED*2X60L**	†	TXV	47,500	0.76	11.50		13.20
	EHD2X48A**	*8MPV100	TDR&TXV	45,500	0.76	11.20	13.50	
	EHD2X48A**	*8MPV125	TDR&TXV	45,500	0.76	11.50	13.20	
	EHD2X48A**	*9MPV100	TDR&TXV	45,500	0.76	11.50	13.20	
	EHD2X48A**	*9MPV125	TDR&TXV	45,500	0.76	11.00	13.20	
	EHD2X48A**	MV16J22**B*	TDR&TXV	45,500	0.76	12.00	14.00	
	EHD2X48A**	MV20L24**B*	TDR&TXV	45,500	0.76	12.00	14.00	
	EHD2X48A**	†	TXV	46,000	0.76	11.00		13.00
	EHD2X60A**	*8MPV100	TDR&TXV	47,000	0.76	11.50	13.50	
	EHD2X60A**	*8MPV125	TDR&TXV	47,000	0.76	11.20	13.50	
	EHD2X60A**	*9MPV100	TDR&TXV	47,000	0.76	11.00	13.20	
	EHD2X60A**	*9MPV125	TDR&TXV	47,000	0.76	11.20	13.50	
	EHD2X60A**	MV16J22**B*	TDR&TXV	47,000	0.76	12.00	14.00	
	EHD2X60A**	MV20L24**B*	TDR&TXV	47,000	0.76	12.20	14.50	
	EHD2X60A**	†	TXV	47,500	0.76	11.50		13.20
	EMA2X48D**	†	TXV	45,000	0.76	11.00		13.00
	FEM2X48****	†	TDR&TXV	47,500	0.76	11.70	13.50	
FEM2X60****	†	TDR&TXV	48,500	0.76	11.50	14.00		
FS(M,U)2X48****	†	TDR&TXV	47,000	0.76	11.00	13.00		
FS(M,U)2X60****	†	TDR&TXV	48,000	0.76	11.00	13.00		
FVM2X48****	†	TDR&TXV	47,000	0.76	12.00	14.00		
FVM2X60****	†	TDR&TXV	47,500	0.76	12.20	14.50		

2009 ENERGY STAR compliance for combinations with both: SEER 14.50 or higher and EER 12.00 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 PERFORMANCE FOR COMBINATION RATINGS (continued)								
Indoor Models								
Outdoor Model	Current Indoor Model († tested combo)	Furnace Model	Factory Installed	Cooling 95° F (35° C)			SEER	
				BTU/hr	S/T	EER	Factory	w/ Field TDR
T2A360GKD	‡EB*2X60L**	†	TXV	56,000	0.75	11.00		13.00
	EB*2X60J**	MV16J22**B*	TDR&TXV	56,000	0.75	11.50	13.50	
	EB*2X60J**	†	TXV	56,000	0.75	11.00		13.00
	EB*2X60L**	MV20L24**B*	TDR&TXV	56,000	0.75	11.50	13.50	
	ED*2X60J**	MV16J22**B*	TDR&TXV	56,000	0.75	11.50	13.50	
	ED*2X60J**	†	TXV	56,000	0.75	11.00		13.00
	ED*2X60L**	MV20L24**B*	TDR&TXV	56,000	0.75	11.50	13.50	
	ED*2X60L**	†	TXV	56,000	0.75	11.00		13.00
	EHD2X60A**	MV16J22**B*	TDR&TXV	56,000	0.75	11.50	13.50	
	EHD2X60A**	MV20L24**B*	TDR&TXV	56,000	0.75	11.50	13.50	
	EHD2X60A**	†	TXV	56,000	0.75	11.00		13.00
	FEM2X60****	†	TDR&TXV	56,000	0.75	11.50	13.20	
	FS(M,U)2X60****	†	TDR&TXV	56,000	0.75	11.00	13.00	
	FVM2X60****	†	TDR&TXV	56,500	0.75	11.70	13.50	

2009 ENERGY STAR compliance for combinations with both: SEER 14.50 or higher and EER 12.00 or higher.
 † For coils not listed with a matching furnace or blower, coil rating applies with any indoor blower device.



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 (single phase)											
Digit Position:	1	2	3	4	5, 6	7	8	9	10	11	12
Example Part Number:	T	2	A	3	18	G	K	D	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 5 = 15 SEER 6 = 16 SEER 7 = 17 SEER 8 = 18 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)									