



H2A3

Product Specifications

EFFICIENT 13 SEER 3-PHASE AIR CONDITIONER

3 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
- Filter-Drier supplied with every unit for field installation
- Copper tube / aluminum fin coil
- Low ambient feature allows safe operation down to 20° F outdoor temperature*
- High and Low pressure switches

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
- Compressor access panel
- New, 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
- Weather-resistant, coated cabinet screws
- Coated inlet grille with 3/8" spacing for extra protection
- Corner Posts for extra - strength and style
- 5 year compressor, 1 year coil and parts limited warranties

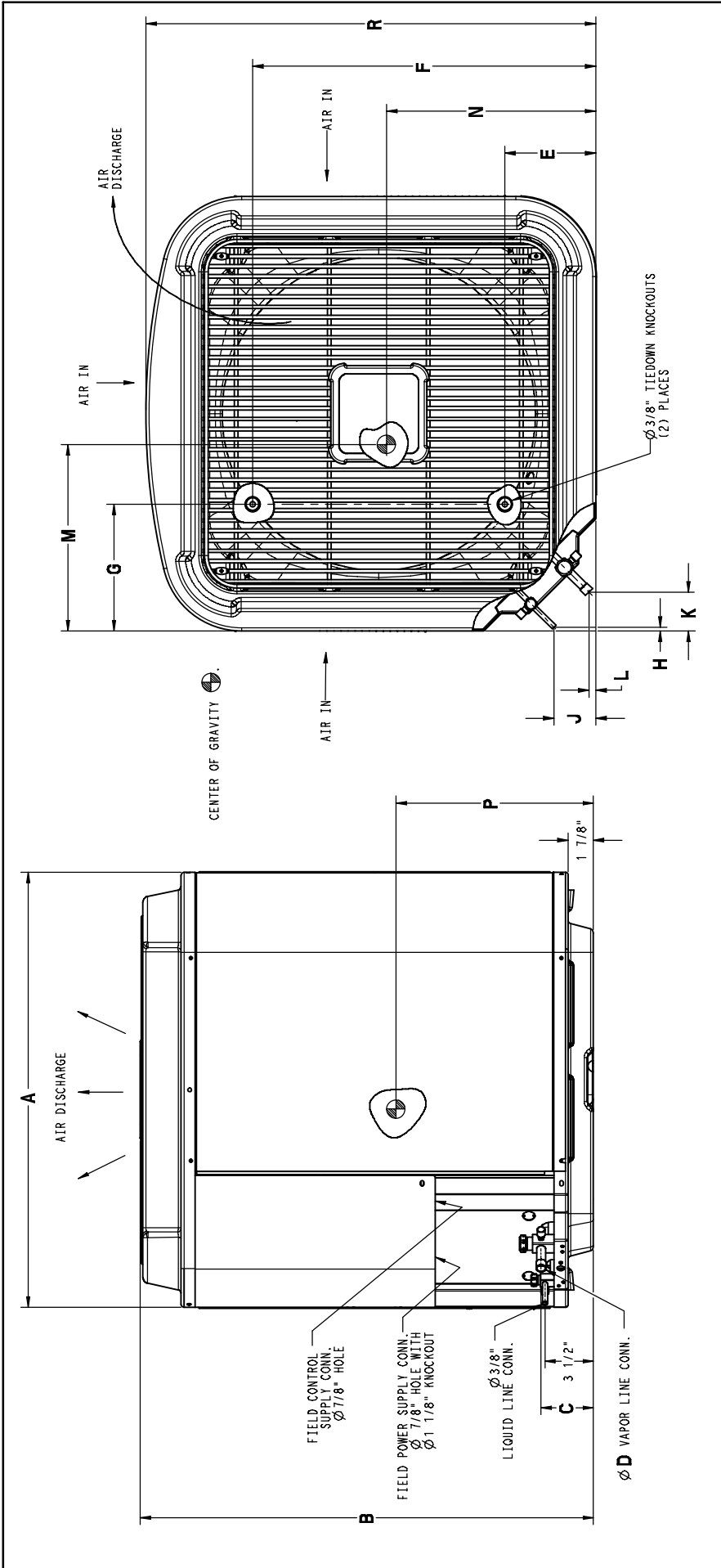


Rated in accordance with ARI Standard 210. Certification applies only when used with proper components as listed with ARI.



Model Number	Voltage	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dim's h x w x d (in)	Ship / Operating Weight (lbs)
H2A336GHC	208/230	3	36,000	13.6	20	39 ⁵ / ₁₆ x 31 ³ / ₁₆ x 32 ⁵ / ₁₆	235 / 193
H2A336GLC	460			7.8	10		
H2A342GHB	208/230	3½	42,000	16.9	25	33 ⁵ / ₁₆ x 35 x 36 ⁹ / ₁₆	280 / 247
H2A342GLB	460			7.8	15		
H2A348GHB	208/230	4	48,000	17.8	25	36 ³ / ₄ x 35 x 36 ⁹ / ₁₆	300 / 266
H2A348GLB	460			8.2	15		
H2A360GHB	208/230	5	60,000	21.2	30	46 ¹⁵ / ₁₆ x 35 x 36 ⁹ / ₁₆	314 / 279
H2A360GLB	460			9.7	15		

*NOTE: Previous GHA/GLA models do not feature the Comfort Alert™ Diagnostics device or low ambient control.



All Dimensions Inches

Model * = H or L	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)
H2A336G*C	31 ⁹ / ₁₆	39 ⁵ / ₁₆	3 ³ / ₄	3 ³ / ₄	6 ⁹ / ₁₆	24 ¹ / ₁₆	9 ¹ / ₈	5 ¹ / ₁₆	3	2 ¹³ / ₁₆	1/2	16	15 ¹ / ₂	18 ¹ / ₂	32 ⁵ / ₁₆	31 ¹ / ₂ x 32 ¹ / ₂	46 ¹ / ₈ x 35 ¹ / ₂ x 32 ³ / ₈
H2A342G*B	35	33 ⁵ / ₁₆	3 ⁷ / ₈	7 ⁷ / ₈	6 ⁹ / ₁₆	24 ¹ / ₁₆	9 ¹ / ₈	5 ¹ / ₁₆	3	2 ¹⁵ / ₁₆	5/8	17 ³ / ₈	18 ⁷ / ₈	14 ³ / ₄	36 ⁹ / ₁₆	35 x 36 ¹ / ₂	39 ³ / ₈ x 39 ⁵ / ₁₆ x 36 ¹ / ₈
H2A348G*B	35	36 ³ / ₄	3 ⁷ / ₈	7 ⁷ / ₈	6 ⁹ / ₁₆	28 ⁷ / ₁₆	9 ¹ / ₈	5 ¹ / ₁₆	3	2 ¹⁵ / ₁₆	5/8	19	18	15 ¹ / ₄	36 ⁹ / ₁₆	35 x 36 ¹ / ₂	42 ³ / ₄ x 39 ⁵ / ₁₆ x 36 ¹ / ₈
H2A360G*B	35	46 ¹⁵ / ₁₆	3 ⁷ / ₈	7 ⁷ / ₈	6 ⁹ / ₁₆	28 ⁷ / ₁₆	9 ¹ / ₈	5 ¹ / ₁₆	3	2 ¹⁵ / ₁₆	5/8	20 ¹ / ₂	19 ³ / ₄	18 ¹ / ₂	36 ⁹ / ₁₆	35 x 36 ¹ / ₂	50 ¹³ / ₁₆ x 39 ⁵ / ₁₆ x 36 ¹ / ₈

PHYSICAL DATA								
Model Size	36GH	36GL	42GH	42GL	48GH	48GL	60GH	60GL
Nominal Cooling Capacity (BTU/hr)	36,000		42,000		48,000		60,000	
Nominal SEER	13.0		13.0		13.0		13.0	
Sound Rating, High Spd Fan (dBA)	75		76		76		76	
Low Spd Fan (dBA)	73		75		72		72	
PSC Fan Motor HP	1/5		1/4		1/4		1/4	
Fan RPM High	825		825		825		825	
Fan RPM Low	750		750		750		750	
Fan CFM (High)	2800		3670		3670		3670	
Coil Face Area (ft ²)	16.08		16.26		18.30		24.40	
Coil Rows - fins per inch	1 - 25		2 - 20		2 - 20		2 - 20	
Low Pressure Switch	Open Pressure	7 ± 3 PSIG	7 ± 3 PSIG	7 ± 3 PSIG	7 ± 3 PSIG	7 ± 3 PSIG	7 ± 3 PSIG	7 ± 3 PSIG
	Close Pressure	22 ± 5 PSIG	22 ± 5 PSIG	22 ± 5 PSIG	22 ± 5 PSIG	22 ± 5 PSIG	22 ± 5 PSIG	22 ± 5 PSIG
High Pressure Switch	Open Pressure	426±7 PSIG	426±7 PSIG	426±7 PSIG	426±7 PSIG	426±7 PSIG	426±7 PSIG	426±7 PSIG
	Close Pressure	272±26 PSIG	272±26 PSIG	272±26 PSIG	272±26 PSIG	272±26 PSIG	272±26 PSIG	272±26 PSIG
Liquid Line Connection Size (in.)	3/8		3/8		3/8		3/8	
Vapor Line Connection Size (in.)	3/4		7/8		7/8		7/8	
Recommended Line Set Liquid Tube Diameter (in.)	3/8		3/8		3/8		3/8	
Recommended Line Set Vapor Tube Diameter (in.) *	3/4 *		7/8 *		7/8 *		1 1/8 *	
* 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.)	6.1		8.3		10.6		13.6	
Required Subcooling (°F)	12		9		12		13	
Weight, shipping (lbs.)	235		280		300		314	
Weight, operating (lbs.)	193		247		266		279	

ELECTRICAL DATA								
Model Size	36GH	36GL	42GH	42GL	48GH	48GL	60GH	60GL
Supply Voltage, 3-phase 60 Hz.	208/230	460	208/230	460	208/230	460	208/230	460
Acceptable Voltage Range, min-max	197-253	414-506	197-253	414-506	197-253	414-506	197-253	414-506
Minimum Circuit Ampacity - MCA (amps)	13.6	7.8	16.9	7.8	17.8	8.2	21.2	9.7
Maximum OverCurrent Protective device - MOCP (amps)	20	10	25	15	25	15	30	15
Compressor RLA (Rated Load Amps)	10.0	5.8	12.4	5.8	13.1	6.1	15.8	7.3
LRA (Locked Rotor Amps)	73	38	88	44	83.1	41	110	52
Fan Motor FLA (Full Load Amps)	1.1	0.6	1.4	0.6	1.4	0.6	1.4	0.6

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'
36	3/8	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.

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)	REQUIRED FOR LONG LINE APPLICATIONS* (Over 80 Ft.)
Evaporator Freeze Thermostat	Yes	No
Winter Start Control	Yes	No
Support Feet, 4" tall	Recommended	No
Liquid Line Solenoid Valve	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
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
NASA001SF	Support Feet, 4" tall	ALL
AMF153TKB	TXV Kit, R-22 (converts R-22 piston coils to R-22 TXV)	36
AMF355TKB	TXV Kit, R-22 (converts R-22 piston coils to R-22 TXV)	42, 48, 60

COOLING PERFORMANCE FOR COMBINATION RATINGS										
Current Indoor Models										
Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cooling (95 °F)			SEER			
				BTU/hr	S/T	EER	factory	w/ field TDR	w/ field R-22 TXV	w/ field R-22 TXV + TDR
H2A336GHC H2A336GLC	‡EB*2X36F**		TXV	35,000	0.75	11.00		13.00		
	EB*2X36B**		TXV	34,600	0.75	11.00		13.00		
	EB*2X36B**	MV08B15****	TDR&TXV	35,200	0.75	11.50	13.50			
	EB*2X36F**	*8MPV075	TDR&TXV	34,800	0.75	11.70	13.50			
	EB*2X36F**	*9MPV050	TDR&TXV	34,600	0.75	11.20	13.20			
	EB*2X36F**	*9MPV075	TDR&TXV	34,600	0.75	11.20	13.20			
	^EB*2X36F**	MV12F19****	TDR&TXV	35,200	0.75	12.00	14.00			
	EB*2X36J**		TXV	35,000	0.75	11.00		13.00		
	^EB*2X36J**	*8MPV100	TDR&TXV	35,400	0.75	12.00	14.00			
	^EB*2X36J**	*8MPV125	TDR&TXV	35,400	0.75	12.00	14.00			
	EB*2X36J**	*9MPV100	TDR&TXV	35,200	0.75	11.70	13.50			
	EB*2X42F**		TXV	35,200	0.75	11.20		13.00		
	EB*2X42F**	*8MPV075	TDR&TXV	35,200	0.75	11.70	13.50			
	EB*2X42F**	*9MPV050	TDR&TXV	34,800	0.75	11.20	13.20			
	EB*2X42F**	*9MPV075	TDR&TXV	35,000	0.75	11.50	13.50			
	^EB*2X42F**	MV12F19****	TDR&TXV	35,600	0.75	12.00	14.00			
	EB*2X42J**		TXV	35,200	0.75	11.20		13.00		
	^EB*2X42J**	*8MPV100	TDR&TXV	35,800	0.75	12.00	14.00			
	^EB*2X42J**	*8MPV125	TDR&TXV	35,800	0.75	12.00	14.00			
	EB*2X42J**	*9MPV100	TDR&TXV	35,600	0.75	11.70	13.50			
	EB*2X42L**		TXV	35,200	0.75	11.20		13.00		
	^EB*2X42L**	*9MPV125	TDR&TXV	35,600	0.75	12.00	14.00			
	ED*2X36B**		TXV	34,600	0.75	11.00		13.00		
	ED*2X36B**	MV08B15****	TDR&TXV	35,200	0.75	11.50	13.50			
	ED*2X36F**		TXV	35,000	0.75	11.00		13.00		
	ED*2X36F**	*8MPV075	TDR&TXV	34,800	0.75	11.70	13.50			
	ED*2X36F**	*9MPV050	TDR&TXV	34,600	0.75	11.20	13.20			
	ED*2X36F**	*9MPV075	TDR&TXV	34,600	0.75	11.20	13.20			
	^ED*2X36F**	MV12F19****	TDR&TXV	35,200	0.75	12.00	14.00			
	ED*2X36J**		TXV	35,000	0.75	11.00		13.00		
	^ED*2X36J**	*8MPV100	TDR&TXV	35,400	0.75	12.00	14.00			
	^ED*2X36J**	*8MPV125	TDR&TXV	35,400	0.75	12.00	14.00			
	ED*2X36J**	*9MPV100	TDR&TXV	35,200	0.75	11.70	13.50			
	ED*2X42F**		TXV	35,200	0.75	11.20		13.00		
	ED*2X42F**	*8MPV075	TDR&TXV	35,200	0.75	11.70	13.50			
	ED*2X42F**	*9MPV050	TDR&TXV	34,800	0.75	11.20	13.20			
	ED*2X42F**	*9MPV075	TDR&TXV	35,000	0.75	11.50	13.50			
	^ED*2X42F**	MV12F19****	TDR&TXV	35,600	0.75	12.00	14.00			
	ED*2X42J**		TXV	35,200	0.75	11.20		13.00		
	^ED*2X42J**	*8MPV100	TDR&TXV	35,800	0.75	12.00	14.00			
	^ED*2X42J**	*8MPV125	TDR&TXV	35,800	0.75	12.00	14.00			
	ED*2X42J**	*9MPV100	TDR&TXV	35,600	0.75	11.70	13.50			
ED*2X42L**		TXV	35,200	0.75	11.20		13.00			
^ED*2X42L**	*9MPV125	TDR&TXV	35,600	0.75	12.00	14.00				
EHD2X36A**		TXV	35,000	0.75	11.20		13.00			
EHD2X36A**	*8MPV050	TDR&TXV	35,000	0.75	11.50	13.20				
EHD2X36A**	*8MPV075	TDR&TXV	35,400	0.75	11.70	13.50				
^EHD2X36A**	*8MPV100	TDR&TXV	36,000	0.75	12.00	14.00				
^EHD2X36A**	*8MPV125	TDR&TXV	36,000	0.75	12.00	14.00				
EHD2X36A**	*9MPV050	TDR&TXV	35,400	0.75	11.50	13.20				
EHD2X36A**	*9MPV075	TDR&TXV	35,400	0.75	11.50	13.20				
^EHD2X36A**	*9MPV100	TDR&TXV	36,000	0.75	12.00	14.00				
^EHD2X36A**	*9MPV125	TDR&TXV	36,000	0.75	12.00	14.00				
^EHD2X36A**	MV08B15****	TDR&TXV	36,000	0.75	12.00	14.00				

^ Indicates ENERGY STAR compliance for combinations with both: SEER 14.0 or higher and EER 11.5 or higher.

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COOLING PERFORMANCE FOR COMBINATION RATINGS (continued)										
Current Indoor Models										
Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cooling (95 ° F)			SEER			
				BTU/hr	S/T	EER	factory	w/ field TDR	w/ field R-22 TXV	w/ field R-22 TXV + TDR
H2A336GHC H2A336GLC (continued)	^EHD2X36A**	MV12F19****	TDR&TXV	36,000	0.75	12.00	14.00			
	^EHD2X36A**	MV16J22****	TDR&TXV	35,600	0.75	12.00	14.00			
	EHD2X42A**		TXV	36,000	0.75	11.20		13.00		
	EHD2X42A**	*8MPV050	TDR&TXV	35,600	0.75	11.50	13.50			
	^EHD2X42A**	*8MPV075	TDR&TXV	36,000	0.75	12.00	14.00			
	^EHD2X42A**	*8MPV100	TDR&TXV	36,000	0.75	12.00	14.00			
	^EHD2X42A**	*8MPV125	TDR&TXV	36,000	0.75	12.00	14.00			
	EHD2X42A**	*9MPV050	TDR&TXV	35,600	0.75	11.50	13.50			
	EHD2X42A**	*9MPV075	TDR&TXV	35,800	0.75	11.70	13.50			
	^EHD2X42A**	*9MPV100	TDR&TXV	36,000	0.75	12.00	14.00			
	^EHD2X42A**	*9MPV125	TDR&TXV	36,000	0.75	12.00	14.00			
	^EHD2X42A**	MV08B15****	TDR&TXV	36,000	0.75	12.00	14.00			
	^EHD2X42A**	MV12F19****	TDR&TXV	36,000	0.75	12.00	14.00			
	EMA2X36D**		TXV	34,800	0.75	11.00		13.00		
	FEM2X35****		TDR&TXV	35,400	0.75	11.70	13.50			
	^FEM2X36****		TDR&TXV	36,000	0.75	12.00	14.00			
	FEM2X42****		TDR&TXV	36,000	0.75	11.70	13.50			
	FS(M,U)2X42****		TDR&TXV	35,600	0.75	11.20	13.00			
	FSA2X36****		TDR&TXV	35,000	0.75	11.00	13.00			
	FSM2X36****		TDR&TXV	35,600	0.75	11.20	13.20			
	FVM2X24****		TDR&TXV	34,600	0.75	11.70	13.50			
	^FVM2X36****		TDR&TXV	35,000	0.75	12.00	14.00			
	H2A342GHB H2A342GLB	*ED*2X42J**		TXV	41,500	0.75	11.00		13.00	
EB*2X42F**			TXV	41,000	0.75	11.00	13.00			
EB*2X42F**		*8MPV075	TDR&TXV	41,000	0.75	11.00	13.00			
EB*2X42F**		*9MPV075	TDR&TXV	40,500	0.75	11.00	13.00			
EB*2X42J**			TXV	41,500	0.75	11.00		13.00		
EB*2X42J**		*8MPV100	TDR&TXV	41,500	0.75	11.20	13.50			
EB*2X42J**		*8MPV125	TDR&TXV	41,500	0.75	11.20	13.50			
EB*2X42J**		*9MPV100	TDR&TXV	41,500	0.75	11.00	13.20			
^EB*2X42J**		MV16J22****	TDR&TXV	41,500	0.75	11.50	14.00			
EB*2X42L**			TXV	41,500	0.75	11.00		13.00		
EB*2X42L**		*9MPV125	TDR&TXV	41,500	0.75	11.20	13.50			
EB*2X48F**			TXV	42,500	0.75	11.00		13.20		
EB*2X48F**		*8MPV075	TDR&TXV	42,000	0.75	11.20	13.50			
EB*2X48F**		*9MPV075	TDR&TXV	41,500	0.75	11.00	13.20			
EB*2X48J**			TXV	42,500	0.75	11.00		13.20		
EB*2X48J**		*8MPV100	TDR&TXV	43,000	0.75	11.20	13.50			
EB*2X48J**		*8MPV125	TDR&TXV	43,000	0.75	11.20	13.50			
EB*2X48J**		*9MPV100	TDR&TXV	42,500	0.75	11.20	13.50			
^EB*2X48J**		MV16J22****	TDR&TXV	43,000	0.75	11.50	14.00			
EB*2X48L**			TXV	42,500	0.75	11.00		13.20		
EB*2X48L**		*9MPV125	TDR&TXV	42,500	0.75	11.20	13.50			
ED*2X42F**			TXV	41,000	0.75	11.00	13.00			
ED*2X42F**		*8MPV075	TDR&TXV	41,000	0.75	11.00	13.00			
ED*2X42F**		*9MPV075	TDR&TXV	40,500	0.75	11.00	13.00			
ED*2X42J**		*8MPV100	TDR&TXV	41,500	0.75	11.20	13.50			
ED*2X42J**		*8MPV125	TDR&TXV	42,000	0.75	11.20	13.50			
ED*2X42J**		*9MPV100	TDR&TXV	42,000	0.75	11.00	13.20			
^ED*2X42J**		MV16J22****	TDR&TXV	42,500	0.75	11.50	14.00			
ED*2X42L**			TXV	41,500	0.75	11.00		13.00		
ED*2X42L**		*9MPV125	TDR&TXV	41,500	0.75	11.20	13.50			
ED*2X48F**			TXV	42,500	0.75	11.00		13.20		
ED*2X48F**		*8MPV075	TDR&TXV	42,500	0.75	11.20	13.50			
ED*2X48F**		*9MPV075	TDR&TXV	42,000	0.75	11.00	13.20			
ED*2X48J**		TXV	42,500	0.75	11.00		13.20			
ED*2X48J**	*8MPV100	TDR&TXV	43,000	0.75	11.20	13.50				

^ Indicates ENERGY STAR compliance for combinations with both: SEER 14.0 or higher and EER 11.5 or higher.

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COOLING PERFORMANCE FOR COMBINATION RATINGS (continued)										
Current Indoor Models										
Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cooling (95 °F)			SEER			
				BTU/hr	S/T	EER	factory	w/ field TDR	w/ field R-22 TXV	w/ field R-22 TXV + TDR
H2A342GHB H2A342GLB (continued)	ED*2X48J**	*8MPV125	TDR&TXV	43,000	0.75	11.20	13.50			
	ED*2X48J**	*9MPV100	TDR&TXV	42,500	0.75	11.20	13.50			
	^ED*2X48J**	MV16J22****	TDR&TXV	43,000	0.75	11.50	14.00			
	ED*2X48L**		TXV	42,500	0.75	11.00		13.20		
	ED*2X48L**	*9MPV125	TDR&TXV	42,500	0.75	11.20	13.50			
	EHD2X42A**		TXV	42,500	0.75	11.00		13.20		
	EHD2X42A**	*8MPV075	TDR&TXV	42,500	0.75	11.20	13.50			
	EHD2X42A**	*8MPV100	TDR&TXV	43,000	0.75	11.20	13.50			
	EHD2X42A**	*8MPV125	TDR&TXV	43,000	0.75	11.20	13.50			
	EHD2X42A**	*9MPV075	TDR&TXV	42,000	0.75	11.00	13.20			
	EHD2X42A**	*9MPV100	TDR&TXV	42,500	0.75	11.20	13.50			
	EHD2X42A**	*9MPV125	TDR&TXV	42,500	0.75	11.20	13.50			
	^EHD2X42A**	MV16J22****	TDR&TXV	43,500	0.75	11.50	14.00			
	^EHD2X42A**	MV20N26****	TDR&TXV	44,000	0.75	11.50	14.00			
	EHD2X48A**		TXV	43,000	0.75	11.00		13.20		
	EHD2X48A**	*8MPV075	TDR&TXV	43,000	0.75	11.20	13.50			
	EHD2X48A**	*8MPV100	TDR&TXV	43,500	0.75	11.20	13.50			
	^EHD2X48A**	*8MPV125	TDR&TXV	43,000	0.75	11.50	14.00			
	EHD2X48A**	*9MPV075	TDR&TXV	42,000	0.75	11.20	13.50			
	EHD2X48A**	*9MPV100	TDR&TXV	43,000	0.75	11.20	13.50			
	^EHD2X48A**	*9MPV125	TDR&TXV	43,000	0.75	11.50	14.00			
	EMA2X48D**		TXV	42,000	0.75	11.00		13.00		
	FEM2X42****		TDR&TXV	42,500	0.75	11.20	13.50			
	FEM2X42****		TDR&TXV	42,000	0.75	11.20	13.50			
	^FEM2X48****		TDR&TXV	43,000	0.75	11.70	14.00			
	FS(M,U)2X42****		TDR&TXV	42,500	0.75	11.00	13.00			
	FS(M,U)2X48****		TDR&TXV	43,000	0.75	11.00	13.20			
	H2A348GHB H2A348GLB	‡ED*2X48J**		TXV	47,000	0.76	11.00		13.00	
EB*2X48F**			TXV	46,500	0.76	11.00		13.00		
EB*2X48J**			TXV	47,000	0.76	11.00		13.00		
EB*2X48J**		*8MPV100	TDR&TXV	47,000	0.76	11.00	13.00			
EB*2X48J**		*8MPV125	TDR&TXV	46,500	0.76	11.20	13.50			
EB*2X48J**		*9MPV100	TDR&TXV	45,500	0.76	11.00	13.20			
^EB*2X48J**		MV16J22****	TDR&TXV	46,500	0.76	11.50	14.00			
EB*2X48L**			TXV	47,000	0.76	11.00		13.00		
EB*2X48L**		*9MPV125	TDR&TXV	46,500	0.76	11.00	13.20			
EB*2X60J**			TXV	48,000	0.76	11.00		13.20		
EB*2X60J**		*8MPV100	TDR&TXV	48,000	0.76	11.20	13.50			
EB*2X60J**		*8MPV125	TDR&TXV	48,500	0.76	11.20	13.50			
EB*2X60J**		*9MPV100	TDR&TXV	47,000	0.76	11.20	13.50			
^EB*2X60J**		MV16J22****	TDR&TXV	48,000	0.76	11.50	14.00			
EB*2X60L**			TXV	48,000	0.76	11.00		13.20		
EB*2X60L**		*9MPV125	TDR&TXV	48,000	0.76	11.20	13.50			
ED*2X48F**			TXV	46,500	0.76	11.00		13.00		
ED*2X48J**		*8MPV100	TDR&TXV	47,000	0.76	11.00	13.00			
ED*2X48J**		*8MPV125	TDR&TXV	46,500	0.76	11.20	13.50			
ED*2X48J**		*9MPV100	TDR&TXV	45,500	0.76	11.00	13.20			
ED*2X48J**		MV16J22****	TDR&TXV	47,500	0.76	11.20	13.50			
ED*2X48L**			TXV	47,000	0.76	11.00		13.00		
ED*2X48L**		*9MPV125	TDR&TXV	46,500	0.76	11.00	13.20			
ED*2X60J**			TXV	48,000	0.76	11.00		13.20		
ED*2X60J**		*8MPV100	TDR&TXV	48,000	0.76	11.00	13.50			
^ED*2X60J**		*8MPV125	TDR&TXV	48,000	0.76	11.50	14.00			
ED*2X60J**		*9MPV100	TDR&TXV	48,000	0.76	11.00	13.20			
^ED*2X60J**		MV16J22****	TDR&TXV	49,000	0.76	11.50	14.00			

^ Indicates ENERGY STAR compliance for combinations with both: SEER 14.0 or higher and EER 11.5 or higher.

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COOLING PERFORMANCE FOR COMBINATION RATINGS (continued)										
Current Indoor Models										
Outdoor Model	Current Indoor Model (‡ tested combo)	Furnace Model	Factory Installed	Cooling (95 ° F)			SEER			
				BTU/hr	S/T	EER	factory	w/ field TDR	w/ field R-22 TXV	w/ field R-22 TXV + TDR
H2A348GHB H2A348GLB (continued)	ED*2X60L**		TXV	48,000	0.76	11.00		13.20		
	ED*2X60L**	*9MPV125	TDR&TXV	48,000	0.76	11.20	13.50			
	EHD2X48A**		TXV	46,500	0.76	11.00		13.00		
	EHD2X48A**	*8MPV100	TDR&TXV	47,000	0.76	11.20	13.50			
	EHD2X48A**	*8MPV125	TDR&TXV	46,500	0.76	11.20	13.50			
	EHD2X48A**	*9MPV100	TDR&TXV	45,500	0.76	11.20	13.20			
	EHD2X48A**	*9MPV125	TDR&TXV	46,000	0.76	11.00	13.20			
	EHD2X48A**	MV16J22****	TDR&TXV	47,500	0.76	11.20	13.50			
	EHD2X48A**	MV20N26****	TDR&TXV	47,500	0.76	11.20	13.50			
	EHD2X60A**		TXV	48,000	0.76	11.00		13.20		
	EHD2X60A**	*8MPV100	TDR&TXV	48,000	0.76	11.20	13.50			
	EHD2X60A**	*8MPV125	TDR&TXV	49,000	0.76	11.20	13.50			
	EHD2X60A**	*9MPV100	TDR&TXV	48,000	0.76	11.00	13.20			
	EHD2X60A**	*9MPV125	TDR&TXV	48,000	0.76	11.20	13.50			
	^EHD2X60A**	MV16J22****	TDR&TXV	49,000	0.76	11.50	14.00			
	^EHD2X60A**	MV20N26****	TDR&TXV	49,000	0.76	11.50	14.00			
	EMA2X48D**		TXV	45,500	0.76	11.00		13.00		
	FEM2X48****		TDR&TXV	48,000	0.76	11.20	13.50			
	^FEM2X60****		TDR&TXV	49,000	0.76	11.50	14.00			
	FS(M,U)2X48****		TDR&TXV	47,500	0.76	11.00	13.00			
FS(M,U)2X60****		TDR&TXV	48,500	0.76	11.00	13.20				
^FVM2X48****		TDR&TXV	47,000	0.76	12.00	14.00				
^FVM2X60****		TDR&TXV	48,000	0.76	12.00	14.00				
H2A360GHB H2A360GLB	‡ED*2X60L**		TXV	57,500	0.78	11.00		13.00		
	EB*2X60J**		TXV	56,500	0.78	11.00		13.00		
	EB*2X60J**	*8MPV100	TDR&TXV	56,500	0.78	11.00	13.20			
	EB*2X60J**	*8MPV125	TDR&TXV	57,000	0.78	11.00	13.20			
	EB*2X60J**	*9MPV100	TDR&TXV	55,500	0.78	11.00	13.00			
	EB*2X60J**	MV16J22****	TDR&TXV	57,500	0.78	11.20	13.50			
	EB*2X60L**		TXV	57,500	0.78	11.00		13.00		
	EB*2X60L**	*9MPV125	TDR&TXV	55,500	0.78	11.00	13.20			
	ED*2X60J**		TXV	56,500	0.78	11.00		13.00		
	ED*2X60J**	*8MPV100	TDR&TXV	56,500	0.78	11.00	13.20			
	ED*2X60J**	*8MPV125	TDR&TXV	57,000	0.78	11.00	13.20			
	ED*2X60J**	*9MPV100	TDR&TXV	55,500	0.78	11.00	13.00			
	ED*2X60J**	MV16J22****	TDR&TXV	57,500	0.78	11.20	13.50			
	ED*2X60L**	*9MPV125	TDR&TXV	55,500	0.78	11.00	13.20			
	EHD2X60A**		TXV	57,500	0.78	11.00		13.00		
	EHD2X60A**	*8MPV100	TDR&TXV	56,500	0.78	11.00	13.20			
	EHD2X60A**	*8MPV125	TDR&TXV	57,000	0.78	11.00	13.20			
	EHD2X60A**	*9MPV100	TDR&TXV	56,000	0.78	11.00	13.00			
	EHD2X60A**	*9MPV125	TDR&TXV	56,000	0.78	11.00	13.20			
	EHD2X60A**	MV16J22****	TDR&TXV	58,000	0.78	11.20	13.50			
EHD2X60A**	MV20N26****	TDR&TXV	58,000	0.78	11.20	13.50				
FEM2X60****		TDR&TXV	58,000	0.78	11.00	13.20				
FS(M,U)2X60****		TDR&TXV	56,500	0.78	11.00	13.00				
^FVM2X60****		TDR&TXV	58,000	0.78	12.00	14.00				

^ Indicates ENERGY STAR compliance for combinations with both: SEER 14.0 or higher and EER 11.5 or higher.



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 (three phase)											
Digit Position:	1	2	3	4	5, 6	7	8	9	10	11	12
Example Part Number:	H	2	A	3	36	G	H	B	1	0	0
Product Family	REFRIGERANT		TYPE		NOMINAL EFFICIENCY		NOMINAL CAPACITY		FEATURES		
2 = R-22		4 = R-410A		A = Air Conditioner		H = Heat Pump		3 = 13 SEER		4 = 14 SEER	
36 = 36,000 BTUH = 3 tons		42 = 42,000 BTUH = 3½ tons		48 = 48,000 BTUH = 4 tons		60 = 60,000 BTUH = 5 tons		A = Standard Grille		G = Coil Guard Grille	
H = 208/230-3-60		L = 460-3-60		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		PRODUCT GROUP		KIT USAGE		MAJOR SERIES		
A = Accessory		S = Split System (AC & HP)		A = Original		B = 2nd Generation		0 = Generic or Not Applicable	
2 = R-22		4 = R-410A		Product Identifier Number		Package Quantity		Type of Kit (Example: CH = Crankcase Heater)	