N2A3

Performance Series

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

575 Volt, 3–phase, 60 Hz

REFRIGERATION CIRCUIT

- Copeland® compressors on all models
- Filter–Drier supplied with every unit for field installation
- 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
- SermaGard® coated cabinet screws
- Coated inlet grille with 2" spacing standard, alternate models available with ⅜" grille spacing for extra protection (575 Volt models offer standard grille only)
- 5 year limited compressor, 1 year limited coil and parts warranties

ARI PERFORMANCE CERTIFIED
ARI Standard 210/240
Unitary Air Conditioners

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

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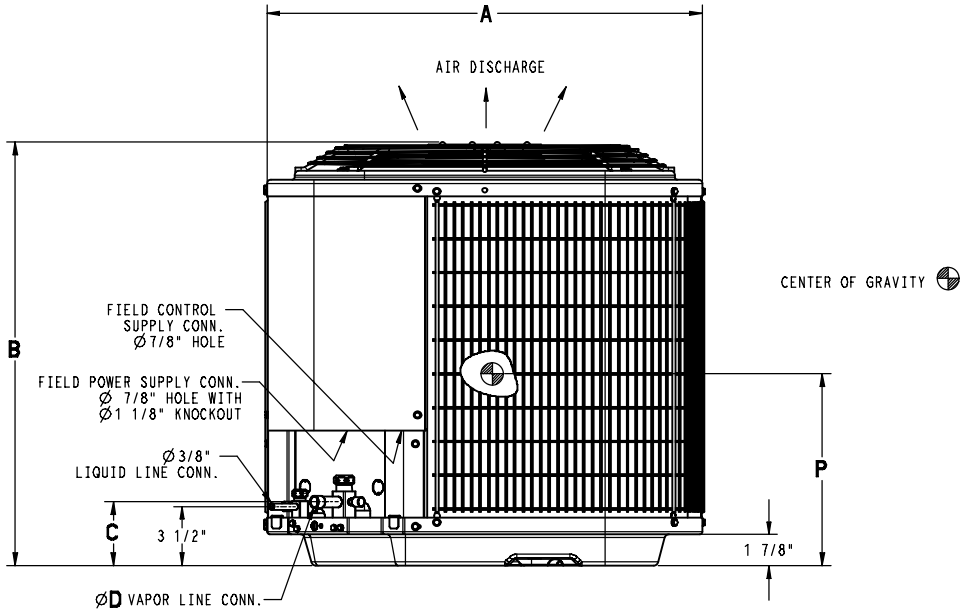
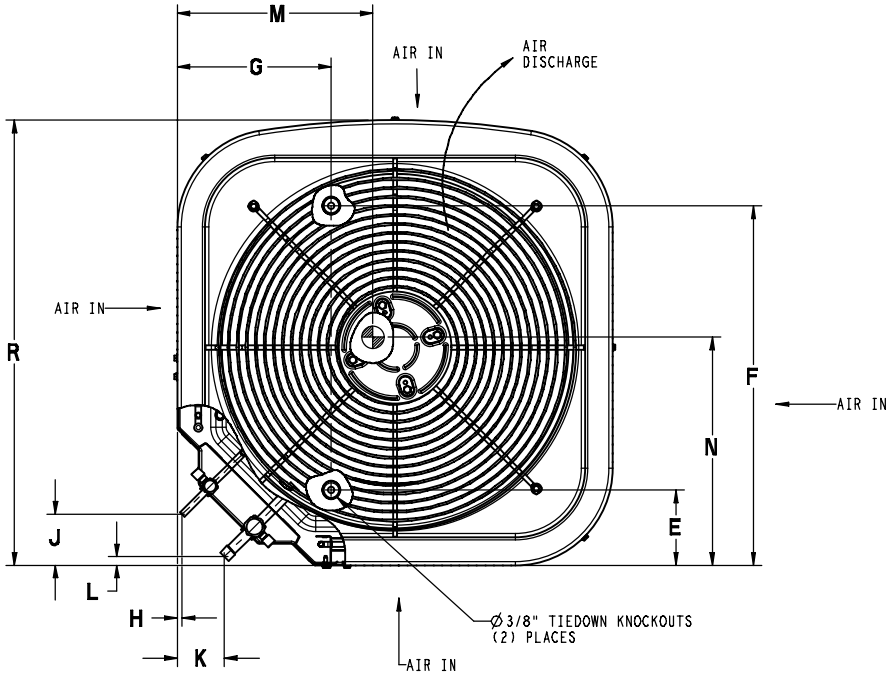
Model Number	Voltage	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dim's h x w x d (in)	Ship / Operating Weight (lbs)
N2A336*HA	208/230	3	36,000	13.9	20	28 15/16 x 31 3/16 x 32 5/16	175 / 148
N2A336*LA	460			7.9	15		
N2A336ASA	575			7.9	15		
N2A342*HA	208/230	3½	42,000	17.4	25	39⅛ x 31 3/16 x 32 5/16	217 / 189
N2A342*LA	460			8.2	15		
N2A348*HA	208/230	4	48,000	17.6	25	35¾ x 35 x 36 9/16	246 / 212
N2A348*LA	460			8.2	15		
N2A348ASA	575			8.2	15		
N2A360*HA	208/230	5	60,000	21.0	30	45 15/16 x 35 x 36 9/16	268 / 233
N2A360*LA	460			9.7	15		
N2A360ASA	575			9.7	15		

* = A for standard inlet grille, * = G for inlet grille with ⅜" spacing for extra protection





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)
N2A336*HA N2A336*LA N2A336ASA	31 3/16	28 15/16	3 3/4	3/4	6 9/16	24 11/16	9 1/8	5/16	3	2 13/16	1/2	17 3/8	15 7/8	14 1/8	32 5/16	31 1/2 x 32 1/2	32 5/8 x 32 3/8 x 33 7/16
N2A342*HA N2A342*LA	31 3/16	39 1/8	3 7/8	7/8	6 9/16	24 11/16	9 1/8	5/16	3	2 15/16	5/8	16 7/8	16	18 3/4	32 5/16	31 1/2 x 32 1/2	42 7/8 x 32 3/8 x 33 7/16
N2A348*HA N2A348*LA N2A348ASA	35	35 3/4	3 7/8	7/8	6 9/16	28 7/16	9 1/8	5/16	3	2 15/16	5/8	18 1/4	18 1/2	17 1/2	36 9/16	35 x 36 1/2	39 7/16 x 36 1/8 x 37 3/4
N2A360*HA N2A360*LA N2A360ASA	35	45 15/16	3 7/8	7/8	6 9/16	28 7/16	9 1/8	5/16	3	2 15/16	5/8	18 3/4	17	20 1/8	36 9/16	35 x 36 1/2	49 5/8 x 36 1/8 x 37 3/4

PHYSICAL DATA				
Model Size	**36**	**42**	**48**	**60**
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 (dBA)	76	79	80	80
PSC Fan Motor HP	1/5	1/4	1/4	1/4
Fan RPM (single speed)	1100	1100	800	800
Fan CFM	3170	3365	4050	4050
Coil Face Area (ft^2)	15.09	21.56	22.63	30.18
Coil Rows – fins per inch	1 – 25	1 – 25	1 – 25	1 – 25
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 *	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.)	5.80	7.15	7.73	9.25
Required Subcooling (˚F)	8.9	11.4	8.4	10.5
Weight, shipping (lbs.)	175	217	246	268
Weight, operating (lbs.)	148	189	212	233

ELECTRICAL DATA											
Model Size (* = A or G)	**36*HA**	**36*LA**	**36ASA**	**42*HA**	**42*LA**	**48*HA**	**48*LA**	**48ASA**	**60*HA**	**60*LA**	**60ASA**
Supply Voltage, 3–phase 60 Hz.	208/230	460	575	208/230	460	208/230	460	575	208/230	460	575
Acceptable Voltage Range, min–max	197–253	414–506	518–632	197–253	414–506	197–253	414–506	518–632	197–253	414–506	518–632
Minimum Circuit Ampacity – **MCA** (amps)	13.9	7.9	5.5	17.4	8.2	17.6	8.2	6.3	21.0	9.7	7.5
Maximum OverCurrent Protective device – **MOCP** (amps)	20	15	15	25	15	30	15	15	30	15	15
Compressor **RLA** (Rated Load Amps) **LRA** (Locked Rotor Amps)	10.0 88.0	5.8 38.0	4.0 28.0	12.8 88.0	6.0 44.0	13.1 83.1	6.1 41.0	4.6 33.0	15.8 104.0	7.3 52.0	5.6 38.9
Fan Motor **FLA** (Full Load Amps)	1.4	0.7	0.5	1.4	0.7	1.2	0.6	0.5	1.2	0.6	0.5

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.) Refer to Long Line Application Guideline to calculate equivalent length										
			Standard Application			Long Line Application (Requires Accessories) *							
			25’	50’	80’	81’	100’	125’	150’	175’	200’	225’	250’
36	3/8	3/4	1	2	3	3	4	5	5	6	7	8	9
		7/8	1	1	1	1	2	2	3	3	4	4	5
42		3/4	1	2	4	4	5	6	7	8	10	11	12
		7/8	1	1	2	2	2	3	4	4	5	5	6
		1 1/8	0	0	1	1	1	1	1	1	1	2	2
48		3/4	2	3	5	5	6	8	9	11	12	14	15
		7/8	1	2	2	2	3	4	5	5	6	7	8
		1 1/8	0	0	1	1	1	1	1	2	2	2	2
60		7/8	1	2	3	3	5	6	7	8	9	10	11
		1 1/8	0	1	1	1	1	2	2	2	3	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 LOW–AMBIENT APPLICATIONS (Below 55° F)	REQUIRED FOR LONG LINE APPLICATIONS* (Over 80 Ft.)
Crankcase Heater	**Yes**	**Yes**
Evaporator Freeze Thermostat	**Yes**	No
Winter Start Control	**Yes ****	No
Low Ambient Kit (Pressure Switch)	**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.

****** Can only be installed in conjunction with Low Pressure Switch.

ACCESSORIES		
Part Number	**Description**	**Used On Model Size**
NASA001CH	Crankcase Heater for Scroll Compressor (208/230 V)	42, 48 (factory installed on 60)
NASA003CH	Crankcase Heater for Scroll Compressor (208/230 V Star Body)	36
NASA002CH	Crankcase Heater for Scroll Compressor (460 & 575 V)	42, 48 (factory installed on 60)
NASA004CH	Crankcase Heater for Scroll Compressor (460 & 575 V)	36
NASA001FS	Evaporator Freeze Thermostat	ALL
NASA201PS	Low Pressure Switch, AC, R−22	ALL
NASA202PS	High Pressure Switch, AC or HP, R−22	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
NASA201LA	Low Ambient Kit (Pressure Switch)	ALL
NASA001SF	Support Feet, 4” tall	ALL
NASA001SJ	Sound Jacket, Compressor	36, 42, 48
NASA003SJ	Sound Jacket, Compressor	60
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 (* = A or G)	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
N2A336*HA N2A336*LA N2A336ASA	EB*2X36B**		TXV	32,800	0.79	11.00		13.00		
	EB*2X36B**	MV08B15****	TDR & TXV	33,800	0.79	11.20	13.50			
	‡ EB*2X36F**		TXV	33,800	0.79	11.00		13.00		
	EB*2X36F**	*8MPV075	TDR & TXV	34,200	0.79	11.20	13.50			
	EB*2X36F**	MV12F19****	TDR & TXV	34,400	0.79	11.20	13.50			
	EB*2X36J**		TXV	33,800	0.79	11.00		13.00		
	EB*2X36J**	*8MPV100	TDR & TXV	34,200	0.79	11.20	13.50			
	EB*2X36J**	*8MPV125	TDR & TXV	34,400	0.79	11.50	14.00			
	EB*2X36J**	*9MPV100	TDR & TXV	34,200	0.79	11.20	13.50			
	EB*2X36J**	MV16J22****	TDR & TXV	34,200	0.79	11.50	14.00			
	EB*2X42J**		TXV	34,200	0.79	11.00		13.00		
	EB*2X42J**	*8MPV100	TDR & TXV	34,600	0.79	11.50	14.00			
	EB*2X42J**	*8MPV125	TDR & TXV	34,600	0.79	11.50	14.00			
	EB*2X42J**	*9MPV100	TDR & TXV	34,400	0.79	11.20	13.50			
	EB*2X42J**	MV16J22****	TDR & TXV	34,400	0.79	11.50	14.00			
	EB*2X42L**		TXV	34,200	0.79	11.00		13.00		
	EB*2X42L**	*9MPV125	TDR & TXV	34,800	0.79	11.20	13.50			
	ED*2X36B**		TXV	33,000	0.79	11.00		13.00		
	ED*2X36B**	MV08B15****	TDR & TXV	33,600	0.79	11.20	13.50			
	ED*2X36F**		TXV	34,000	0.79	11.00		13.00		
	ED*2X36F**	*8MPV075	TDR & TXV	34,400	0.79	11.20	13.50			
	ED*2X36F**	MV12F19****	TDR & TXV	34,600	0.79	11.50	14.00			
	ED*2X36J**		TXV	34,000	0.79	11.00		13.00		
	ED*2X36J**	*8MPV100	TDR & TXV	34,400	0.79	11.50	14.00			
	ED*2X36J**	*8MPV125	TDR & TXV	34,600	0.79	11.50	14.00			
	ED*2X36J**	*9MPV100	TDR & TXV	34,400	0.79	11.20	13.50			
	ED*2X36J**	MV16J22****	TDR & TXV	34,400	0.79	11.50	14.00			
	ED*2X42J**		TXV	34,400	0.79	11.00		13.00		
	ED*2X42J**	*8MPV100	TDR & TXV	34,800	0.79	11.50	14.00			
	ED*2X42J**	*8MPV125	TDR & TXV	34,800	0.79	11.50	14.00			
	ED*2X42J**	*9MPV100	TDR & TXV	34,600	0.79	11.20	13.50			
	ED*2X42J**	MV16J22****	TDR & TXV	34,600	0.79	11.50	14.00			
	ED*2X42L**		TXV	34,400	0.79	11.00		13.00		
	ED*2X42L**	*9MPV125	TDR & TXV	35,000	0.79	11.50	14.00			
	EHD2X36A**		TXV	34,000	0.79	11.00		13.00		
	EHD2X36A**	*8MPV075	TDR & TXV	34,400	0.79	11.20	13.50			
	EHD2X36A**	*8MPV100	TDR & TXV	34,400	0.79	11.50	14.00			
	EHD2X36A**	*8MPV125	TDR & TXV	34,400	0.79	11.50	14.00			
	EHD2X36A**	*9MPV075	TDR & TXV	34,400	0.79	11.00	13.20			
	EHD2X36A**	*9MPV100	TDR & TXV	34,400	0.79	11.20	13.50			
	EHD2X36A**	*9MPV125	TDR & TXV	34,600	0.79	11.50	14.00			
	EHD2X36A**	MV08B15****	TDR & TXV	34,400	0.79	11.50	14.00			
	EHD2X36A**	MV12F19****	TDR & TXV	34,600	0.79	11.50	14.00			
	EHD2X36A**	MV16J22****	TDR & TXV	35,000	0.79	11.50	14.00			
	EHD2X36A**	MV20N26****	TDR & TXV	35,000	0.79	11.50	14.00			
	EHD2X42A**		TXV	34,400	0.79	11.00		13.00		
	EHD2X42A**	*8MPV075	TDR & TXV	34,800	0.79	11.20	13.50			
	EHD2X42A**	*8MPV100	TDR & TXV	34,600	0.79	11.50	14.00			
	EHD2X42A**	*8MPV125	TDR & TXV	34,600	0.79	11.50	14.00			
	EHD2X42A**	*9MPV075	TDR & TXV	34,600	0.79	11.20	13.50			
	EHD2X42A**	*9MPV100	TDR & TXV	34,600	0.79	11.50	14.00			
	EHD2X42A**	*9MPV125	TDR & TXV	34,800	0.79	11.50	14.00			
	EHD2X42A**	MV08B15****	TDR & TXV	34,600	0.79	11.50	14.00			
	EHD2X42A**	MV12F19****	TDR & TXV	34,600	0.79	11.50	14.00			
	EHD2X42A**	MV16J22****	TDR & TXV	34,600	0.79	11.50	14.00			
	EHD2X42A**	MV20N26****	TDR & TXV	34,600	0.79	11.50	14.00			
	EMA2X36D**		TXV	33,800	0.79	11.00		13.00		
	FEM2X35****		TDR & TXV	34,600	0.79	11.20	13.50			
	FEM2X36****		TDR & TXV	35,600	0.79	11.50	14.00			
	FEM2X42****		TDR & TXV	35,400	0.79	11.50	14.00			
	FS(M,U)2X42****		TDR & TXV	34,600	0.79	11.00	13.00			
	FSA2X36****		TDR & TXV	34,400	0.79	11.00	13.00			
	FSM2X36****		TDR & TXV	35,000	0.79	11.00	13.00			
	FSU2X36****		TDR & TXV	33,600	0.79	11.00	13.00			
	FVM2X36****		TDR & TXV	34,400	0.79	14.00	12.00			
	FVM2X48****		TDR & TXV	35,800	0.79	14.00	12.00			

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COOLING PERFORMANCE FOR COMBINATION RATINGS (continued)
Current Indoor Models

Outdoor Model (* = A or G)	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
N2A342*HA N2A342*LA	‡ EB*2X42J**		TXV	40,500	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**	MV16J22****	TDR & TXV	40,500	0.77	11.50	14.00			
	EB*2X42L**		TXV	40,500	0.77	11.00		13.00		
	EB*2X42L**	*9MPV125	TDR & TXV	40,500	0.77	11.20	13.50			
	EB*2X48F**		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*2X48J**		TXV	41,000	0.77	11.00		13.00		
	EB*2X48J**	*8MPV100	TDR & TXV	41,000	0.77	11.20	13.50			
	EB*2X48J**	*8MPV125	TDR & TXV	41,000	0.77	11.50	14.00			
	EB*2X48J**	*9MPV100	TDR & TXV	41,000	0.77	11.20	13.50			
	EB*2X48J**	MV16J22****	TDR & TXV	41,500	0.77	11.50	14.00			
	EB*2X48L**		TXV	41,000	0.77	11.00		13.00		
	EB*2X48L**	*9MPV125	TDR & TXV	41,500	0.77	11.20	13.50			
	ED*2X42J**		TXV	40,500	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**	MV16J22****	TDR & TXV	40,500	0.77	11.50	14.00			
	ED*2X42L**		TXV	40,500	0.77	11.00		13.00		
	ED*2X42L**	*9MPV125	TDR & TXV	40,500	0.77	11.20	13.50			
	ED*2X48F**		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*2X48J**		TXV	41,000	0.77	11.00		13.00		
	ED*2X48J**	*8MPV100	TDR & TXV	41,000	0.77	11.20	13.50			
	ED*2X48J**	*8MPV125	TDR & TXV	41,500	0.77	11.20	13.50			
	ED*2X48J**	*9MPV100	TDR & TXV	41,000	0.77	11.20	13.50			
	ED*2X48J**	MV16J22****	TDR & TXV	41,500	0.77	11.50	14.00			
	ED*2X48L**		TXV	41,000	0.77	11.00		13.00		
	ED*2X48L**	*9MPV125	TDR & TXV	41,500	0.77	11.20	13.50			
	EHD2X42A**		TXV	40,500	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**	MV16J22****	TDR & TXV	40,500	0.77	11.50	14.00			
	EHD2X42A**	MV20N26****	TDR & TXV	40,500	0.77	11.50	14.00			
	EHD2X48A**		TXV	40,000	0.77	11.00		13.00		
	EHD2X48A**	*8MPV075	TDR & TXV	40,000	0.77	11.00	13.20			
	EHD2X48A**	*8MPV100	TDR & TXV	40,000	0.77	11.20	13.50			
	EHD2X48A**	*8MPV125	TDR & TXV	40,000	0.77	11.20	13.50			
	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	40,000	0.77	11.20	13.50			
	EHD2X48A**	MV16J22****	TDR & TXV	40,000	0.77	11.50	14.00			
	EHD2X48A**	MV20N26****	TDR & TXV	40,000	0.77	11.50	14.00			
	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			

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COOLING PERFORMANCE FOR COMBINATION RATINGS (continued)
Current Indoor Models

Outdoor Model (* = A or G)	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
N2A348*HA N2A348*LA N2A348ASA	EB*2X48F**		TXV	45,000	0.76	11.00		13.00		
	‡ EB*2X48J**		TXV	46,000	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****	TDR & TXV	47,000	0.76	11.20	13.50			
	EB*2X48L**		TXV	46,000	0.76	11.00		13.00		
	EB*2X48L**	*9MPV125	TDR & TXV	46,000	0.76	11.00	13.20			
	EB*2X60J**		TXV	47,500	0.76	11.00		13.00		
	EB*2X60J**	*8MPV100	TDR & TXV	48,000	0.76	11.00	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****	TDR & TXV	48,500	0.76	11.50	14.00			
	EB*2X60L**		TXV	47,500	0.76	11.00		13.00		
	EB*2X60L**	*9MPV125	TDR & TXV	47,500	0.76	11.20	13.50			
	ED*2X48F**		TXV	45,000	0.76	11.00		13.00		
	ED*2X48J**		TXV	46,000	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****	TDR & TXV	47,000	0.76	11.20	13.50			
	ED*2X48L**		TXV	46,000	0.76	11.00		13.00		
	ED*2X48L**	*9MPV125	TDR & TXV	46,000	0.76	11.00	13.20			
	ED*2X60J**		TXV	47,500	0.76	11.00		13.00		
	ED*2X60J**	*8MPV100	TDR & TXV	48,000	0.76	11.00	13.20			
	ED*2X60J**	*8MPV125	TDR & TXV	48,000	0.76	11.00	13.20			
	ED*2X60J**	*9MPV100	TDR & TXV	47,500	0.76	11.00	13.20			
	ED*2X60J**	MV16J22****	TDR & TXV	48,500	0.76	11.50	14.00			
	ED*2X60L**		TXV	47,500	0.76	11.00		13.00		
	ED*2X60L**	*9MPV125	TDR & TXV	47,500	0.76	11.20	13.50			
	EHD2X48A**		TXV	46,000	0.76	11.00		13.00		
	EHD2X48A**	*8MPV100	TDR & TXV	45,500	0.76	11.20	13.50			
	EHD2X48A**	*8MPV125	TDR & TXV	45,500	0.76	11.00	13.20			
	EHD2X48A**	*9MPV100	TDR & TXV	45,500	0.76	11.00	13.20			
	EHD2X48A**	*9MPV125	TDR & TXV	45,500	0.76	11.00	13.20			
	EHD2X48A**	MV16J22****	TDR & TXV	45,500	0.76	11.20	13.50			
	EHD2X48A**	MV20N26****	TDR & TXV	45,500	0.76	11.20	13.50			
	EHD2X60A**		TXV	47,500	0.76	11.00		13.00		
	EHD2X60A**	*8MPV100	TDR & TXV	47,000	0.76	11.20	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****	TDR & TXV	47,000	0.76	11.50	14.00			
	EHD2X60A**	MV20N26****	TDR & TXV	47,000	0.76	11.50	14.00			
	EMA2X48D**		TXV	45,000	0.76	11.00		13.00		
	FEM2X48****		TDR & TXV	47,500	0.76	11.20	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	14.00	12.00			
	FVM2X60****		TDR & TXV	47,500	0.76	14.00	12.00			
N2A360*HA N2A360*LA N2A360ASA	EB*2X60J**	*8MPV125	TDR & TXV	55,500	0.77	11.00	13.20			
	EB*2X60J**	MV16J22****	TDR & TXV	57,000	0.77	11.00	13.20			
	‡ EB*2X60L**		TXV	57,000	0.77	11.00		13.00		
	ED*2X60J**		TXV	56,000	0.77	11.00		13.00		
	ED*2X60J**	*8MPV125	TDR & TXV	55,500	0.77	11.00	13.20			
	ED*2X60J**	MV16J22****	TDR & TXV	57,000	0.77	11.00	13.20			
	ED*2X60L**		TXV	57,000	0.77	11.00		13.00		
	EHD2X60A**		TXV	56,000	0.77	11.00		13.00		
	EHD2X60A**	*8MPV100	TDR & TXV	55,000	0.77	11.00	13.20			
	EHD2X60A**	*8MPV125	TDR & TXV	55,000	0.77	11.00	13.20			
	EHD2X60A**	MV16J22****	TDR & TXV	55,500	0.77	11.00	13.20			
	EHD2X60A**	MV20N26****	TDR & TXV	55,500	0.77	11.20	13.50			
	FEM2X60****		TDR & TXV	57,500	0.77	11.00	13.20			
	FS(M,U)2X60****		TDR & TXV	56,500	0.77	11.00	13.00			
	FVM2X60****		TDR&TXV	57,000	0.77	13.50	11.20			

COOLING PERFORMANCE FOR COMBINATION RATINGS
Obsolete Indoor Models

Outdoor Model (* = A or G)	Obsolete Indoor Model	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
N2A336*HA N2A336*LA N2A336ASA	EBP36****		TDR	33,600	0.79	10.70			12.40	
	EBP42****		TDR	34,200	0.79	10.70			12.65	
	EBV36****		TDR & TXV	34,600	0.79	11.20	13.50			
	EBV48****		TDR & TXV	36,000	0.79	11.50	14.00			
	EBX36****		TDR & TXV	34,200	0.79	10.70	12.65			
	EL*36B****		NONE	32,000	0.79	10.70				12.30
	EL*36B****	*8MPV050	TDR	32,200	0.79	10.70			11.80	
	EL*36B****	MV08B15****	TDR	32,800	0.79	10.70			12.70	
	EL*36F****		NONE	32,400	0.79	10.70				12.30
	EL*36F****	*8MPV075	TDR	32,800	0.79	10.70			12.75	
	EL*36F****	*9MPV050	TDR	32,400	0.79	10.70			12.00	
	EL*36F****	*9MPV075	TDR	32,600	0.79	10.70			12.40	
	EL*36F****	MV12F19****	TDR	33,000	0.79	11.00			13.20	
	EL*42F****		NONE	33,400	0.79	10.70				12.65
	EL*42F****	*8MPV075	TDR	33,800	0.79	10.70			12.80	
	EL*42F****	*9MPV050	TDR	33,400	0.79	10.70			12.30	
	EL*42F****	*9MPV075	TDR	33,400	0.79	10.70			12.75	
	EL*42F****	MV12F19****	TDR	33,800	0.79	11.00			13.60	
	EMH36F****		NONE	32,400	0.79	10.70				12.30
	EMH42F****		NONE	33,400	0.79	10.70				12.65
	EP*36B****		NONE	32,000	0.79	10.70				12.30
	EP*36B****	*8MPV050	TDR	32,200	0.79	10.70			11.80	
	EP*36B****	MV08B15****	TDR	32,800	0.79	10.70			12.70	
	EP*36F****		NONE	32,400	0.79	10.70			12.30	
	EP*36F****	*8MPV075	TDR	32,800	0.79	10.70			12.75	
	EP*36F****	*9MPV050	TDR	32,400	0.79	10.70			12.00	
	EP*36F****	*9MPV075	TDR	32,600	0.79	10.70			12.40	
	EP*36F****	MV12F19****	TDR	33,000	0.79	11.00			13.20	
	EP*36J****		NONE	32,400	0.79	10.70				12.30
	EP*36J****	*8MPV100	TDR	33,000	0.79	10.70			12.90	
	EP*36J****	*8MPV125	TDR	33,000	0.79	11.00			13.00	
	EP*36J****	*9MPV100	TDR	32,600	0.79	10.70			12.95	
	EP*36J****	MV16J22****	TDR	33,200	0.79	11.20			13.50	
	EP*42F****		NONE	33,400	0.79	10.70				12.60
	EP*42F****	*8MPV075	TDR	33,800	0.79	10.70			12.80	
	EP*42F****	*9MPV050	TDR	33,400	0.79	10.70			12.30	
	EP*42F****	*9MPV075	TDR	33,400	0.79	10.70			12.75	
	EP*42F****	MV12F19****	TDR	34,200	0.79	11.00			13.40	
	EP*42J****		NONE	33,600	0.79	10.70			12.60	
	EP*42J****	*8MPV100	TDR	33,400	0.79	10.70			12.80	
	EP*42J****	*8MPV125	TDR	33,200	0.79	10.70			12.95	
	EP*42J****	*9MPV100	TDR	33,400	0.79	10.70			12.40	
	EP*42J****	MV16J22****	TDR	33,400	0.79	11.00			13.40	
	EPP036****		NONE	30,400	0.79	10.70				11.70
	EX*36B****		TXV	34,000	0.79	10.70		12.85		
	EX*36B****	*8MPV050	TDR & TXV	34,000	0.79	10.70	12.40			
	EX*36B****	MV08B15****	TDR & TXV	34,600	0.79	11.00	13.20			
	EX*36F****		TXV	34,000	0.79	10.70		12.85		
	EX*36F****	*8MPV075	TDR & TXV	34,600	0.79	11.00	13.00			
	EX*36F****	*9MPV050	TDR & TXV	34,000	0.79	10.70	12.50			
	EX*36F****	*9MPV075	TDR & TXV	34,200	0.79	10.70	12.95			
	EX*36F****	MV12F19****	TDR & TXV	34,600	0.79	11.20	13.50			
	EX*36J****		TXV	34,200	0.79	10.70		12.80		
	EX*36J****	*8MPV100	TDR & TXV	34,400	0.79	11.20	13.50			
	EX*36J****	*8MPV125	TDR & TXV	35,000	0.79	11.20	13.50			
	EX*36J****	*9MPV100	TDR & TXV	34,400	0.79	11.20	13.50			
	EX*36J****	MV16J22****	TDR & TXV	35,200	0.79	11.50	14.00			
	EX*42F****		TXV	34,800	0.79	11.00		13.00		
	EX*42F****	*8MPV075	TDR & TXV	35,000	0.79	11.20	13.50			
	EX*42F****	*9MPV050	TDR & TXV	34,600	0.79	10.70	12.80			
	EX*42F****	*9MPV075	TDR & TXV	34,800	0.79	11.00	13.20			
	EX*42F****	MV12F19****	TDR & TXV	35,200	0.79	11.50	14.00			
	EX*42J****		TXV	34,800	0.79	11.00		13.00		

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COOLING PERFORMANCE FOR COMBINATION RATINGS (continued)
Obsolete Indoor Models

Outdoor Model (* = A or G)	Obsolete Indoor Model	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
N2A336*HA N2A336*LA N2A336ASA (continued)	EX*42J****	*8MPV100	TDR & TXV	35,400	0.79	11.20	13.50			
	EX*42J****	*8MPV125	TDR & TXV	35,400	0.79	11.20	13.50			
	EX*42J****	*9MPV100	TDR & TXV	35,400	0.79	11.00	13.20			
	EX*42J****	MV16J22****	TDR & TXV	35,600	0.79	11.50	14.00			
N2A342*HA N2A342*LA	EBP42****		TDR	39,500	0.77	10.70			12.55	
	EBP48****		TDR	40,500	0.77	10.70			12.70	
	EBV36****		TDR & TXV	39,500	0.77	11.20	13.50			
	EBV48****		TDR & TXV	42,000	0.77	11.50	14.00			
	EBV60****		TDR & TXV	43,000	0.77	11.50	14.00			
	EBX48****		TDR & TXV	41,000	0.77	11.00	13.00			
	EL*42F****		NONE	38,000	0.77	10.70				12.50
	EL*42F****	*8MPV075	TDR	38,500	0.77	10.70			12.45	
	EL*42F****	*9MPV075	TDR	38,000	0.77	10.70			12.40	
	EL*48F****		NONE	39,000	0.77	10.70				12.60
	EL*48F****	*8MPV075	TDR	39,000	0.77	10.70			12.65	
	EL*48F****	*9MPV075	TDR	38,500	0.77	10.70			12.60	
	EMH42F****		NONE	38,000	0.77	10.70				12.50
	EMH48F****		NONE	39,500	0.77	10.70				12.70
	EP*42F****		NONE	38,000	0.77	10.70				12.50
	EP*42F****	*8MPV075	TDR	38,500	0.77	10.70			12.45	
	EP*42F****	*9MPV075	TDR	38,000	0.77	10.70			12.40	
	EP*42J****		NONE	38,500	0.77	10.70				12.50
	EP*42J****	*8MPV100	TDR	38,500	0.77	10.70			12.35	
	EP*42J****	*8MPV125	TDR	38,500	0.77	10.70			12.55	
	EP*42J****	*9MPV100	TDR	38,000	0.77	10.70			12.35	
	EP*42J****	MV16J22****	TDR	38,500	0.77	11.00			13.00	
	EP*48F****		NONE	39,000	0.77	10.70				12.60
	EP*48F****	*8MPV075	TDR	39,000	0.77	10.70			12.65	
	EP*48F****	*9MPV075	TDR	38,500	0.77	10.70			12.60	
	EP*48J****		NONE	40,000	0.77	10.70				12.65
	EP*48J****	*8MPV100	TDR	40,000	0.77	11.00			13.00	
	EP*48J****	*8MPV125	TDR	40,000	0.77	11.00			13.20	
	EP*48J****	*9MPV100	TDR	39,500	0.77	11.00			13.00	
	EP*48J****	MV16J22****	TDR	40,000	0.77	11.50			14.00	
	EP*48L****		NONE	40,000	0.77	10.70				12.65
	EP*48L****	*9MPV125	TDR	40,000	0.77	11.00			13.20	
	EP*48N****		NONE	40,000	0.77	10.70				12.65
	EP*48N****	MV20N26****	TDR	40,000	0.77	11.20			13.50	
	EX*42F****		TXV	39,500	0.77	11.00		13.00		
	EX*42F****	*8MPV075	TDR & TXV	40,000	0.77	11.00	13.00			
	EX*42F****	*9MPV075	TDR & TXV	39,500	0.77	11.00	13.00			
	EX*42J****		TXV	39,500	0.77	11.00		13.00		
	EX*42J****	*8MPV100	TDR & TXV	40,500	0.77	11.00	13.20			
	EX*42J****	*8MPV125	TDR & TXV	40,500	0.77	11.20	13.50			
	EX*42J****	*9MPV100	TDR & TXV	40,000	0.77	11.00	13.20			
	EX*42J****	MV16J22****	TDR & TXV	41,000	0.77	11.20	13.50			
	EX*48J****		TXV	40,500	0.77	11.00		13.00		
	EX*48J****	*9MPV125	TDR & TXV	40,500	0.77	11.20	13.50			
	EX*48L****		TXV	40,500	0.77	11.00		13.00		
	EX*48L****	*9MPV125	TDR & TXV	40,500	0.77	11.00	13.45			
	EX*48N****		TXV	40,500	0.77	11.00		13.00		
	EX*48N****	MV20N26****	TDR & TXV	40,500	0.77	11.50	14.00			

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COOLING PERFORMANCE FOR COMBINATION RATINGS (continued)
Obsolete Indoor Models

Outdoor Model (* = A or G)	Obsolete Indoor Model	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
N2A348*HA N2A348*LA N2A348ASA	EBP48****		TDR	46,000	0.76	10.70			12.40	
	EBP60****		TDR	47,000	0.76	10.70			12.50	
	EBV48****		TDR & TXV	47,500	0.76	11.20	13.50			
	EBV60****		TDR & TXV	48,500	0.76	11.50	14.00			
	EBX48****		TDR & TXV	47,000	0.76	10.70	12.80			
	EBX60****		TDR & TXV	48,000	0.76	10.70	12.95			
	EL*48F****		NONE	43,000	0.76	10.70				12.35
	EL*60J****		NONE	45,500	0.76	10.70				12.60
	EL*60J****	MV16J22****	TDR	46,000	0.76	11.20			13.50	
	EMH48F****		NONE	43,500	0.76	10.70				12.45
	EP*48F****		NONE	43,000	0.76	10.70				12.35
	EP*48J****		NONE	44,000	0.76	10.70				12.45
	EP*48L****		NONE	44,000	0.76	10.70				12.45
	EP*48N****		NONE	44,000	0.76	10.70				12.45
	EP*48N****	MV20N26****	TDR	45,000	0.76	11.00			13.20	
	EP*60J****		NONE	45,500	0.76	10.70				12.60
	EP*60J****	MV16J22****	TDR	46,000	0.76	11.20			13.50	
	EP*60L****		NONE	45,500	0.76	10.70				12.60
	EP*60N****		NONE	45,500	0.76	10.70				12.60
	EP*60N****	MV20N26****	TDR	46,000	0.76	11.20			13.50	
	EX*48J****		TXV	45,000	0.76	10.70		12.60		
	EX*48L****		TXV	45,000	0.76	10.70		12.60		
	EX*48N****		TXV	45,000	0.76	10.70		12.60		
	EX*48N****	MV20N26****	TDR & TXV	46,000	0.76	11.20	13.50			
	EX*60L****		TXV	48,000	0.76	11.00		13.00		
	EX*60L****	*9MPV125	TDR & TXV	47,500	0.76	11.20	13.50			
	EX*60N****		TXV	48,000	0.76	11.00		13.00		
	EX*60N****	MV20N26****	TDR & TXV	48,500	0.76	11.50	14.00			
N2A360*HA N2A360*LA N2A360ASA	EBP60****		TDR	56,000	0.77	10.35			11.95	
	EBV60****		TDR & TXV	56,500	0.77	11.00	13.20			
	EBX60****		TDR & TXV	57,000	0.77	10.70	12.55			
	EL*60J****		NONE	53,000	0.77	10.50				12.20
	EP*60J****		NONE	53,000	0.77	10.50				12.20
	EP*60L****		NONE	53,000	0.77	10.50				12.20
	EP*60N****		NONE	53,000	0.77	10.50				12.15
	EX*60L****		TXV	56,500	0.77	10.70		12.90		
	EX*60N****		TXV	56,500	0.77	10.70		12.90		
	EX*60N****	MV20N26****	TDR & TXV	57,000	0.77	11.00	13.20			

OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE (3–phase)

Digit Position:	1	2	3	4	5, 6	7	8	9	10	11	12
Example Part Number:	**N**	**2**	**A**	**3**	**36**	**A**	**H**	**A**	**1**	**0**	**0**

Product Family

2 = R–22 **REFRIGERANT**

A = Air Conditioner
H = Heat Pump **TYPE**

0 = 10 SEER
3 = 13 SEER **NOMINAL EFFICIENCY**

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 **FEATURES**

H = 208/230–3–60
L = 460–3–60
S = 575–3–60 **VOLTAGE**

Sales Code

Engineering Revision

Extra Digit

Extra Digit

ACCESSORIES PART NUMBER IDENTIFICATION GUIDE

Digit Position:	1	2	3	4	5	6, 7	8, 9	10, 11
Example Part Number:	**N**	**A**	**S**	**A**	**0**	**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)