N2A3**C

Performance Series

Product Specifications

EFFICIENT 13 SEER AIR CONDITIONER

FOR COASTAL APPLICATIONS

2, 3, 4, 5 TONS SPLIT SYSTEM

208 / 230 Volt, 1–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

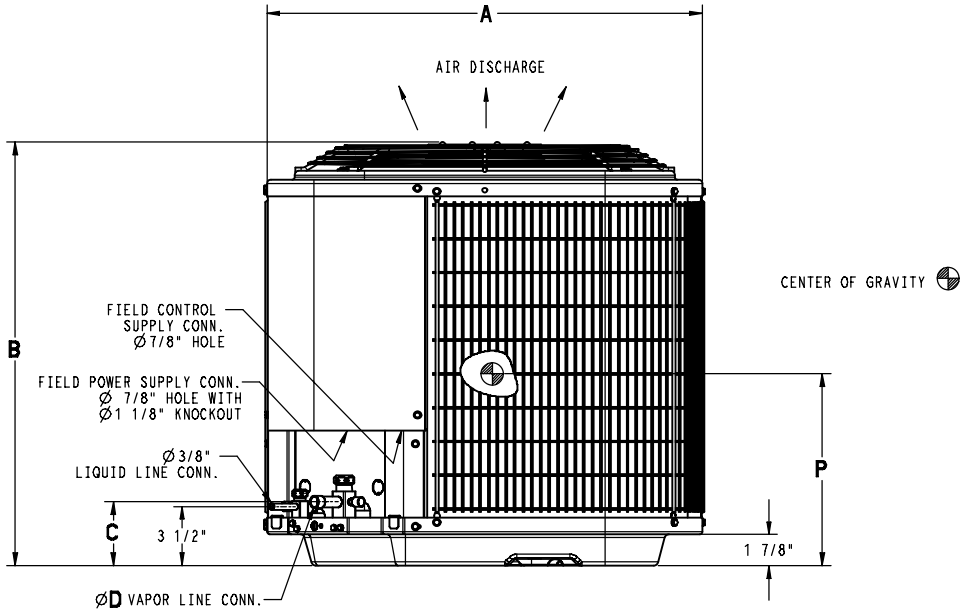
- All chasis panels powder coat painted on both sides
- Pre–painted, epoxy–phenolic, gold fins
- ⅜" grille spacing for extra protection
- SermaGard® coated cabinet screws
- 5 year limited compressor, coil, and parts warranties

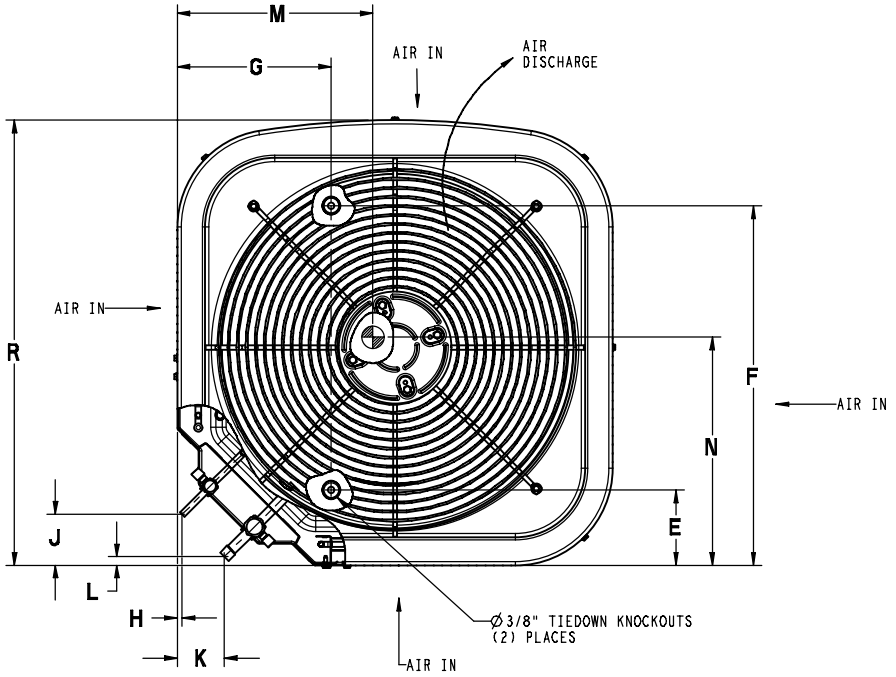
ARI PERFORMANCE CERTIFIED
ARI Standard 210/240
Unitary Air Conditioners

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

c UL us LISTED

Model Number	Size (tons)	Nominal BTU/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x width x depth (in)	Ship / Operating Weight (lbs)
N2A324CKA	2	24,000	13.8	20	39⅛ x 31 3/16 x 32 5/16	202 / 173
N2A336CKA	3	36,000	19.2	30	39⅛ x 31 3/16 x 32 5/16	206 / 177
N2A348CKA	4	48,000	26.4	40	39⅛ x 35 x 36⅛	307 / 273
N2A360CKA	5	60,000	32.9	50	45 15/16 x 35 x 36⅛	337 / 302





Model	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)
N2A324CKA	31 3/16	39 1/8	3 3/4	5/8	6 9/16	21 1/4	9 1/8	5/16	3	2 13/16	1/2	15 1/4	15 1/2	17	32 5/16	31 1/2 × 32 1/2	42 7/8 × 32 3/8 × 33 7/16
N2A336CKA	31 3/16	39 1/8	3 3/4	3/4	6 9/16	24 11/16	9 1/8	5/16	3	2 13/16	1/2	15 1/4	16	16 3/4	32 5/16	31 1/2 × 32 1/2	42 7/8 × 32 3/8 × 33 7/16
N2A348CKA	35	39 1/8	3 7/8	7/8	6 9/16	28 7/16	9 1/8	5/16	3	2 15/16	5/8	17	17	17 3/4	36 1/8	35 × 36 1/2	42 7/8 × 36 1/8 × 37 3/4
N2A360CKA	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	17 1/2	20 1/2	36 1/8	35 × 36 1/2	49 5/8 × 36 1/8 × 37 3/4

Specifications subject to change without notice.

PHYSICAL DATA				
Model Size	**24**	**36**	**48**	**60**
Nominal Cooling Capacity (BTU/hr)	24,000	36,000	48,000	60,000
Nominal SEER	13.0	13.0	13.0	13.0
Sound Rating (dBA)	78	77	78	76
PSC Fan Motor HP	1/10	1/5	1/4	1/4
Fan RPM (single speed)	1100	1100	800	800
Fan CFM	2615	3170	4050	4050
Coil Face Area (ft^2)	21.56	21.56	25.15	30.18
Coil Rows – Fins per inch	1 – 20	1 – 20	2 – 20	2 – 20
Liquid Line Connection Size (in.)	3/8	3/8	3/8	3/8
Vapor Line Connection Size (in.)	5/8	3/4	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.) *	5/8 *	3/4 *	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.)	7.0	7.1	13.3	14.75
Required Subcooling (˚F)	11	8	10	10
Weight, shipping (lbs.)	202	206	307	337
Weight, operating (lbs.)	173	177	273	302

ELECTRICAL DATA (208/230–1–60, voltage range 197V – 253V)				
Model Size	**24**	**36**	**48**	**60**
Minimum Circuit Ampacity – **MCA** (amps)	13.8	19.2	26.4	32.9
Maximum OverCurrent Protective device – **MOCP** (amps)	20	30	40	50
Compressor **RLA** (Rated Load Amps) **LRA** (Locked Rotor Amps)	10.4 54.0	14.4 77.0	20.2 137.0	25.3 141.0
Fan Motor **FLA** (Full Load Amps)	.70	1.2	1.2	1.2

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’
24	3/8	5/8	0	1	3	3	3	5	6	7	8	9	10
		3/4	0	0	0	0	1	1	1	2	2	3	3
36		3/4	0	1	2	2	3	4	5	6	7	8	9
		7/8	0	0	1	1	1	2	2	3	3	4	4
48		3/4	1	2	4	4	5	7	8	10	11	13	14
		7/8	0	1	2	2	2	3	4	5	5	6	7
		1 1/8	0	0	0	0	0	0	1	1	1	1	1
60		7/8	1	2	3	3	4	5	7	8	9	10	11
		1 1/8	0	0	1	1	1	1	2	2	2	3	3

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

Applications in 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.)	REQUIRED FOR SEA COAST APPLICATIONS (Within 2 miles)
Crankcase Heater	**Yes**	**Yes**	No
Evaporator Freeze Thermostat	**Yes**	No	No
Winter Start Control	**Yes ****	No	No
Hard Start Kit (Capacitor & Relay)	**Yes**	**Yes**	No
Low Ambient Kit (Pressure Switch)	**Yes**	No	No
Support Feet, 4” tall	Recommended	No	Recommended
Liquid Line Solenoid Valve	No	See Long Line Application Guideline	No

***** 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. For Line Set lengths, 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**
NASA003CH	Crankcase Heater for Scroll Compressor (208/230 V Star Body)	24, 36 (factory installed on 48, 60)
NASA001SC	Start Component – PTC Device	ALL
NASA001FS	Evaporator Freeze Thermostat	ALL
NASA201PS	Low Pressure Switch, AC, 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
NASA202PS	High Pressure Switch, AC or HP, R–22	ALL
NASA003SC	Hard Start Kit (Capacitor & Relay)	ALL
NASA201LA	Low Ambient Kit (Pressure Switch), R–22	ALL
NASA001SF	Support Feet, 4” tall	ALL
NASA001SJ	Sound Jacket, Compressor	24, 36, 48
NASA003SJ	Sound Jacket, Compressor	60
AMF153TKB	TXV Kit, R–22 (converts R–22 piston coils to R–22 TXV)	24, 36
AMF355TKB	TXV Kit, R–22 (converts R–22 piston coils to R–22 TXV)	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
N2A324CKA	‡EB*2X24B**		TXV	22,800	0.79	11.20		13.00		
	EB*2X24B**	*8MPV050	TDR&TXV	23,200	0.79	11.70	13.50			
	EB*2X24B**	MV08B15****	TDR&TXV	23,400	0.79	12.00	14.00			
	EB*2X24F**		TXV	22,800	0.79	11.20		13.00		
	EB*2X24F**	*9MPV050	TDR&TXV	23,200	0.79	12.00	14.00			
	EB*2X24F**	*9MPV075	TDR&TXV	23,400	0.79	12.00	14.00			
	EB*2X24F**	MV12F19****	TDR&TXV	23,400	0.79	12.00	14.00			
	EB*2X30B**		TXV	23,000	0.79	11.20		13.00		
	EB*2X30B**	*8MPV050	TDR&TXV	23,200	0.79	12.00	14.00			
	EB*2X30B**	MV08B15****	TDR&TXV	23,600	0.79	12.00	14.00			
	EB*2X30F**		TXV	23,000	0.79	11.20		13.00		
	EB*2X30F**	*9MPV050	TDR&TXV	23,200	0.79	12.00	14.00			
	EB*2X30F**	*9MPV075	TDR&TXV	23,400	0.79	12.00	14.00			
	EB*2X30F**	MV12F19****	TDR&TXV	23,800	0.79	12.00	14.00			
	ED*2X24B**		TXV	23,000	0.79	11.20		13.00		
	ED*2X24B**	*8MPV050	TDR&TXV	23,400	0.79	11.70	13.50			
	ED*2X24B**	MV08B15****	TDR&TXV	23,600	0.79	12.00	14.00			
	ED*2X24F**		TXV	23,000	0.79	11.20		13.00		
	ED*2X24F**	*9MPV050	TDR&TXV	23,400	0.79	12.00	14.00			
	ED*2X24F**	*9MPV075	TDR&TXV	23,600	0.79	12.00	14.00			
	ED*2X24F**	MV12F19****	TDR&TXV	23,600	0.79	12.00	14.00			
	ED*2X30B**		TXV	23,200	0.79	11.20		13.00		
	ED*2X30B**	*8MPV050	TDR&TXV	23,400	0.79	12.00	14.00			
	ED*2X30B**	MV08B15****	TDR&TXV	23,800	0.79	12.00	14.00			
	ED*2X30F**		TXV	23,200	0.79	11.20		13.00		
	ED*2X30F**	*9MPV050	TDR&TXV	23,400	0.79	12.00	14.00			
	ED*2X30F**	*9MPV075	TDR&TXV	23,400	0.79	12.00	14.00			
	ED*2X30F**	MV12F19****	TDR&TXV	23,800	0.79	12.00	14.00			
	EMA2X24D**		TXV	22,800	0.79	11.20		13.00		
	EHD2X24A**		TXV	22,800	0.79	11.20		13.00		
	EHD2X24A**	*8MPV050	TDR&TXV	23,200	0.79	12.00	14.00			
	EHD2X24A**	*8MPV075	TDR&TXV	23,400	0.79	12.00	14.00			
	EHD2X24A**	*8MPV100	TDR&TXV	23,600	0.79	12.00	14.00			
	EHD2X24A**	*8MPV125	TDR&TXV	23,400	0.79	12.00	14.00			
	EHD2X24A**	*9MPV050	TDR&TXV	23,000	0.79	12.00	14.00			
	EHD2X24A**	*9MPV075	TDR&TXV	23,000	0.79	12.00	14.00			
	EHD2X24A**	*9MPV100	TDR&TXV	23,400	0.79	12.00	14.00			
	EHD2X24A**	MV08B15****	TDR&TXV	23,400	0.79	12.00	14.00			
	EHD2X24A**	MV12F19****	TDR&TXV	23,600	0.79	12.00	14.00			
	EHD2X24A**	MV16J22****	TDR&TXV	23,600	0.79	12.00	14.00			
	EHD2X24A**	MV20N26****	TDR&TXV	23,800	0.79	12.00	14.00			
	EHD2X30A**		TXV	23,000	0.79	11.20		13.00		
	EHD2X30A**	*8MPV050	TDR&TXV	23,200	0.79	12.00	14.00			
	EHD2X30A**	*9MPV050	TDR&TXV	23,400	0.79	12.00	14.00			
	EHD2X30A**	*9MPV075	TDR&TXV	23,400	0.79	12.00	14.00			
	EHD2X30A**	*9MPV100	TDR&TXV	23,600	0.79	12.00	14.00			
	EHD2X30A**	MV08B15****	TDR&TXV	23,600	0.79	12.00	14.00			
	EHD2X30A**	MV12F19****	TDR&TXV	23,400	0.79	12.00	14.00			
	EHD2X30A**	MV16J22****	TDR&TXV	23,800	0.79	12.00	14.00			
	EHD2X30A**	MV20N26****	TDR&TXV	23,400	0.79	12.00	14.00			
	FS(M,U)2X24****		TDR&TXV	22,600	0.79	11.20	13.00			
	FS(M,U)2X30****		TDR&TXV	23,000	0.79	11.50	13.20			
	FEM2X24****		TDR&TXV	23,000	0.79	12.00	14.00			
	FEM2X30****		TDR&TXV	23,200	0.79	12.00	14.00			
	FSA2X24****		TDR&TXV	22,400	0.79	11.50	13.20			
	FSA2X30****		TDR&TXV	22,400	0.79	11.20	13.00			

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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
N2A336CKA	‡EB*2X36F**		TXV	33,800	0.76	11.10		13.00		
	EB*2X36B**		TXV	33,600	0.76	11.20		13.00		
	EB*2X36B**	MV08B15****	TDR&TXV	34,200	0.76	11.50	13.20			
	EB*2X36F**	*8MPV075	TDR&TXV	34,000	0.76	11.50	13.20			
	EB*2X36F**	MV12F19****	TDR&TXV	34,200	0.76	11.70	13.50			
	EB*2X36J**		TXV	33,800	0.76	11.15		13.00		
	EB*2X36J**	*8MPV100	TDR&TXV	34,200	0.76	11.70	13.50			
	EB*2X36J**	*8MPV125	TDR&TXV	34,200	0.76	12.00	14.00			
	EB*2X36J**	*9MPV100	TDR&TXV	34,200	0.76	11.70	13.50			
	EB*2X36J**	MV16J22****	TDR&TXV	34,800	0.76	12.00	14.00			
	EB*2X42J**		TXV	34,200	0.76	11.20		13.00		
	EB*2X42J**	*8MPV100	TDR&TXV	34,400	0.76	12.00	14.00			
	EB*2X42J**	*8MPV125	TDR&TXV	34,600	0.76	12.00	14.00			
	EB*2X42J**	*9MPV100	TDR&TXV	34,400	0.76	11.70	13.50			
	EB*2X42J**	MV16J22****	TDR&TXV	34,400	0.76	12.00	14.00			
	EB*2X42L**		TXV	34,200	0.76	11.20		13.00		
	EB*2X42L**	*9MPV125	TDR&TXV	34,600	0.76	11.70	13.50			
	ED*2X36B**		TXV	33,600	0.76	11.20		13.00		
	ED*2X36B**	MV08B15****	TDR&TXV	34,200	0.76	11.50	13.20			
	ED*2X36F**		TXV	33,800	0.76	11.15		13.00		
	ED*2X36F**	*8MPV075	TDR&TXV	34,000	0.76	11.50	13.20			
	ED*2X36F**	MV12F19****	TDR&TXV	34,200	0.76	11.70	13.50			
	ED*2X36J**		TXV	33,800	0.76	11.15		13.00		
	ED*2X36J**	*8MPV100	TDR&TXV	34,200	0.76	11.70	13.50			
	ED*2X36J**	*8MPV125	TDR&TXV	34,200	0.76	12.00	14.00			
	ED*2X36J**	*9MPV100	TDR&TXV	34,200	0.76	11.70	13.50			
	ED*2X36J**	MV16J22****	TDR&TXV	34,000	0.76	12.00	14.00			
	ED*2X42J**		TXV	34,200	0.76	11.20		13.00		
	ED*2X42J**	*8MPV100	TDR&TXV	34,400	0.76	12.00	14.00			
	ED*2X42J**	*8MPV125	TDR&TXV	34,600	0.76	12.00	14.00			
	ED*2X42J**	*9MPV100	TDR&TXV	34,400	0.76	11.70	13.50			
	ED*2X42J**	MV16J22****	TDR&TXV	35,200	0.76	12.00	14.00			
	ED*2X42L**		TXV	34,200	0.76	11.20		13.00		
	ED*2X42L**	*9MPV125	TDR&TXV	34,600	0.76	11.70	13.50			
	EMA2X36D**		TXV	33,800	0.76	11.15		13.00		
	EHD2X36A**		TXV	34,800	0.76	11.20		13.00		
	EHD2X36A**	*8MPV050	TDR&TXV	34,400	0.76	11.50	13.20			
	EHD2X36A**	*8MPV075	TDR&TXV	35,000	0.76	11.70	13.50			
	EHD2X36A**	*8MPV100	TDR&TXV	34,800	0.76	12.00	14.00			
	EHD2X36A**	*8MPV125	TDR&TXV	34,800	0.76	12.00	14.00			
	EHD2X36A**	*9MPV050	TDR&TXV	34,400	0.76	11.50	13.20			
	EHD2X36A**	*9MPV075	TDR&TXV	34,800	0.76	11.50	13.20			
	EHD2X36A**	*9MPV100	TDR&TXV	34,800	0.76	11.70	13.50			
	EHD2X36A**	*9MPV125	TDR&TXV	35,000	0.76	12.00	14.00			
	EHD2X36A**	MV08B15****	TDR&TXV	35,000	0.76	12.00	14.00			
	EHD2X36A**	MV12F19****	TDR&TXV	35,200	0.76	12.00	14.00			
	EHD2X36A**	MV16J22****	TDR&TXV	35,600	0.76	12.00	14.00			
	EHD2X36A**	MV20N26****	TDR&TXV	34,800	0.76	12.00	14.00			
	EHD2X42A**		TXV	35,000	0.76	11.20		13.00		
	EHD2X42A**	*8MPV050	TDR&TXV	34,600	0.76	11.50	13.20			
	EHD2X42A**	*8MPV075	TDR&TXV	35,200	0.76	11.70	13.50			
	EHD2X42A**	*8MPV100	TDR&TXV	35,200	0.76	12.00	14.00			
	EHD2X42A**	*8MPV125	TDR&TXV	35,200	0.76	12.00	14.00			
	EHD2X42A**	*9MPV050	TDR&TXV	34,600	0.76	11.50	13.20			
	EHD2X42A**	*9MPV075	TDR&TXV	35,000	0.76	11.50	13.20			
	EHD2X42A**	*9MPV100	TDR&TXV	35,200	0.76	12.00	14.00			
	EHD2X42A**	*9MPV125	TDR&TXV	35,400	0.76	12.00	14.00			
	EHD2X42A**	MV08B15****	TDR&TXV	35,200	0.76	12.00	14.00			

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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
N2A336CKA (continued)	EHD2X42A**	MV12F19****	TDR&TXV	35,400	0.76	12.00	14.00			
	EHD2X42A**	MV16J22****	TDR&TXV	35,000	0.76	12.00	14.00			
	EHD2X42A**	MV20N26****	TDR&TXV	35,000	0.76	12.00	14.00			
	FS(M,U)2X42****		TDR&TXV	34,200	0.76	11.20	13.00			
	FEM2X35****		TDR&TXV	34,200	0.76	12.00	14.00			
	FSM2X36****		TDR&TXV	34,200	0.76	11.20	13.00			
	FEM2X36****		TDR&TXV	34,800	0.76	12.00	14.00			
	FEM2X42****		TDR&TXV	34,600	0.76	11.70	13.50			
	FSA2X36****		TDR&TXV	33,600	0.76	11.20	13.00			
N2A348CKA	‡EB*2X48J**		TXV	46,000	0.75	11.20		13.00		
	EB*2X48F**		TXV	45,500	0.75	11.20		13.00		
	EB*2X48J**	*8MPV100	TDR&TXV	46,500	0.75	11.50	13.20			
	EB*2X48J**	*8MPV125	TDR&TXV	46,500	0.75	11.70	13.50			
	EB*2X48J**	*9MPV100	TDR&TXV	46,000	0.75	11.50	13.20			
	EB*2X48J**	MV16J22****	TDR&TXV	47,000	0.75	12.00	14.00			
	EB*2X48L**		TXV	46,000	0.75	11.20		13.00		
	EB*2X48L**	*9MPV125	TDR&TXV	46,000	0.75	11.70	13.50			
	EB*2X60J**		TXV	46,500	0.75	11.20		13.00		
	EB*2X60J**	*8MPV100	TDR&TXV	47,000	0.75	11.70	13.50			
	EB*2X60J**	*8MPV125	TDR&TXV	47,000	0.75	12.00	14.00			
	EB*2X60J**	*9MPV100	TDR&TXV	46,500	0.75	11.70	13.50			
	EB*2X60J**	MV16J22****	TDR&TXV	46,500	0.75	12.00	14.00			
	EB*2X60L**		TXV	47,500	0.75	11.20		13.00		
	EB*2X60L**	*9MPV125	TDR&TXV	47,500	0.75	11.70	13.50			
	ED*2X48F**		TXV	45,500	0.75	11.20		13.00		
	ED*2X48J**		TXV	46,000	0.75	11.20		13.00		
	ED*2X48J**	*8MPV100	TDR&TXV	46,500	0.75	11.50	13.20			
	ED*2X48J**	*8MPV125	TDR&TXV	46,500	0.75	11.70	13.50			
	ED*2X48J**	*9MPV100	TDR&TXV	46,000	0.75	11.50	13.20			
	ED*2X48J**	MV16J22****	TDR&TXV	46,000	0.75	12.00	14.00			
	ED*2X48L**		TXV	46,000	0.75	11.20		13.00		
	ED*2X48L**	*9MPV125	TDR&TXV	46,000	0.75	11.70	13.50			
	ED*2X60J**		TXV	46,500	0.75	11.20		13.00		
	ED*2X60J**	*8MPV100	TDR&TXV	47,000	0.75	11.70	13.50			
	ED*2X60J**	*8MPV125	TDR&TXV	47,000	0.75	11.70	13.50			
	ED*2X60J**	*9MPV100	TDR&TXV	46,500	0.75	11.70	13.50			
	ED*2X60J**	MV16J22****	TDR&TXV	46,500	0.75	12.00	14.00			
	ED*2X60L**		TXV	47,500	0.75	11.20		13.00		
	ED*2X60L**	*9MPV125	TDR&TXV	47,500	0.75	11.70	13.50			
	EMA2X48D**		TXV	45,000	0.75	11.20		13.00		
	EHD2X48A**		TXV	47,000	0.75	11.20		13.00		
	EHD2X48A**	*8MPV100	TDR&TXV	47,000	0.75	11.70	13.50			
	EHD2X48A**	*8MPV125	TDR&TXV	47,000	0.75	11.70	13.50			
	EHD2X48A**	*9MPV100	TDR&TXV	46,500	0.75	11.50	13.20			
	EHD2X48A**	*9MPV125	TDR&TXV	46,500	0.75	11.70	13.50			
	EHD2X48A**	MV16J22****	TDR&TXV	46,500	0.75	12.00	14.00			
	EHD2X48A**	MV20N26****	TDR&TXV	47,500	0.75	12.00	14.00			
	EHD2X60A**		TXV	48,000	0.75	11.70	13.50			
	EHD2X60A**	*8MPV100	TDR&TXV	47,500	0.75	12.00	14.00			
	EHD2X60A**	*8MPV125	TDR&TXV	47,500	0.75	12.00	14.00			
	EHD2X60A**	*9MPV100	TDR&TXV	47,500	0.75	11.70	13.50			
	EHD2X60A**	*9MPV125	TDR&TXV	48,000	0.75	12.00	14.00			
	EHD2X60A**	MV16J22****	TDR&TXV	48,000	0.75	12.00	14.00			
	EHD2X60A**	MV20N26****	TDR&TXV	49,000	0.75	12.00	14.00			
	FS(M,U)2X48****		TDR&TXV	46,000	0.75	11.20	13.00			
	FS(M,U)2X60****		TDR&TXV	47,500	0.75	11.70	13.50			
	FEM2X48****		TDR&TXV	47,500	0.75	12.00	14.00			
	FEM2X60****		TDR&TXV	48,500	0.75	12.00	14.00			

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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
N2A360CKA	‡EB*2X60L**		TXV	57,000	0.77	11.20		13.00		
	EB*2X60J**		TXV	56,000	0.77	11.20		13.00		
	EB*2X60J**	*8MPV100	TDR&TXV	56,000	0.77	11.75	13.20			
	EB*2X60J**	*8MPV125	TDR&TXV	56,000	0.77	11.70	13.50			
	EB*2X60J**	MV16J22****	TDR&TXV	57,000	0.77	11.70	13.50			
	EB*2X60L**	*9MPV125	TDR&TXV	55,000	0.77	11.50	13.20			
	ED*2X60J**		TXV	56,000	0.77	11.20		13.00		
	ED*2X60J**	*8MPV100	TDR&TXV	56,000	0.77	11.50	13.20			
	ED*2X60J**	*8MPV125	TDR&TXV	56,000	0.77	11.70	13.50			
	ED*2X60J**	MV16J22****	TDR&TXV	57,000	0.77	11.70	13.50			
	ED*2X60L**		TXV	57,000	0.77	11.20		13.00		
	ED*2X60L**	*9MPV125	TDR&TXV	55,500	0.77	11.50	13.20			
	EHD2X60A**		TXV	57,000	0.77	11.20		13.00		
	EHD2X60A**	*8MPV100	TDR&TXV	56,000	0.77	11.80	13.20			
	EHD2X60A**	*8MPV125	TDR&TXV	56,500	0.77	11.70	13.50			
	EHD2X60A**	*9MPV100	TDR&TXV	55,500	0.77	11.50	13.20			
	EHD2X60A**	*9MPV125	TDR&TXV	56,000	0.77	11.70	13.50			
	EHD2X60A**	MV16J22****	TDR&TXV	57,000	0.77	11.70	13.50			
	EHD2X60A**	MV20N26****	TDR&TXV	57,500	0.77	11.70	13.50			
	FS(M,U)2X60****		TDR&TXV	56,000	0.77	11.20	13.00			
	FEM2X60****		TDR&TXV	57,500	0.77	11.70	13.50			

COOLING PERFORMANCE FOR COMBINATION RATINGS
Obsolete Indoor Models

Outdoor Model	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
N2A324CKA	EBP30****		TDR	22,800	0.79	11.20			13.00	
	EBV24****		TDR&TXV	23,600	0.79	12.00	14.00			
	EBV36****		TDR&TXV	23,400	0.79	12.00	14.00			
	EBV48****		TDR&TXV	24,000	0.79	11.70	13.50			
	EBX24****		TDR&TXV	22,800	0.79	11.20	13.00			
	EL*24B****	MV08B15****	TDR	21,400	0.79	11.70			13.50	
	EL*30B****	*8MPV050	TDR	21,800	0.79	11.20			13.00	
	EL*30B****	MV08B15****	TDR	22,000	0.79	11.70			13.50	
	EP*24B****	MV08B15****	TDR	21,400	0.79	11.70			13.50	
	EP*24F****	MV12F19****	TDR	21,600	0.79	11.70			13.50	
	EP*30B****	*8MPV050	TDR	21,800	0.79	11.20			13.00	
	EP*30B****	MV08B15****	TDR	22,000	0.79	11.70			13.50	
	EP*30F****	*9MPV050	TDR	21,800	0.79	11.50			13.20	
	EP*30F****	*9MPV075	TDR	22,000	0.79	11.50			13.20	
	EP*30F****	MV12F19****	TDR	22,000	0.79	11.70			13.50	
	EX*24B****	*8MPV050	TDR&TXV	23,000	0.79	11.70	13.50			
	EX*24B****	MV08B15****	TDR&TXV	23,200	0.79	12.00	14.00			
	EX*24F****	*8MPV075	TDR&TXV	23,200	0.79	11.70	13.50			
	EX*24F****	*9MPV050	TDR&TXV	23,000	0.79	11.70	13.50			
	EX*24F****	*9MPV075	TDR&TXV	22,800	0.79	11.70	13.50			
	EX*24F****	MV12F19****	TDR&TXV	23,200	0.79	12.00	14.00			
N2A336CKA	EBV36****		TDR&TXV	34,400	0.76	11.70	13.50			
	EBV48****		TDR&TXV	35,600	0.76	12.00	14.00			
	EBV60****		TDR&TXV	36,000	0.76	12.00	14.00			
	EL*36F****	MV12F19****	TDR	32,400	0.76	11.50			13.20	
	EL*42F****	*8MPV075	TDR	33,200	0.76	11.20			13.00	
	EL*42F****	MV12F19****	TDR	33,400	0.76	11.70			13.50	
	EP*36B****	MV08B15****	TDR	32,000	0.76	11.20			13.00	
	EP*36F****	MV12F19****	TDR	32,400	0.76	11.50			13.20	
	EP*36J****	*8MPV100	TDR	32,200	0.76	11.50			13.20	
	EP*36J****	*8MPV125	TDR	32,600	0.76	11.20			13.10	
	EP*36J****	MV16J22****	TDR	32,800	0.76	11.70			13.50	
	EP*42F****	*8MPV075	TDR	33,200	0.76	11.20			13.00	
	EP*42F****	MV12F19****	TDR	33,800	0.76	11.50			13.20	
	EP*42J****	MV16J22****	TDR	33,000	0.76	11.50			13.20	
	EX*36B****	MV08B15****	TDR&TXV	34,200	0.76	11.50	13.20			
	EX*36F****	*8MPV075	TDR&TXV	34,000	0.76	11.20	13.00			
	EX*36F****	MV12F19****	TDR&TXV	34,400	0.76	11.70	13.50			
	EX*36J****	*8MPV100	TDR&TXV	34,400	0.76	11.70	13.50			
	EX*36J****	*8MPV125	TDR&TXV	34,000	0.76	11.70	13.50			
	EX*36J****	*9MPV100	TDR&TXV	34,000	0.76	11.70	13.50			
	EX*36J****	MV16J22****	TDR&TXV	34,600	0.76	12.00	14.00			
	EX*42F****	*8MPV075	TDR&TXV	34,600	0.76	11.70	13.50			
	EX*42F****	*9MPV050	TDR&TXV	34,000	0.76	11.50	13.20			
	EX*42F****	*9MPV075	TDR&TXV	34,200	0.76	11.50	13.20			
	EX*42F****	MV12F19****	TDR&TXV	34,600	0.76	12.00	14.00			
	EX*42J****	*8MPV100	TDR&TXV	34,400	0.76	11.70	13.50			
	EX*42J****	*8MPV125	TDR&TXV	34,400	0.76	12.00	14.00			
	EX*42J****	*9MPV100	TDR&TXV	34,400	0.76	11.70	13.50			
	EX*42J****	MV16J22****	TDR&TXV	35,200	0.76	12.00	14.00			
N2A348CKA	EBV48****		TDR&TXV	47,500	0.75	11.70	13.50			
	EBV60****		TDR&TXV	48,500	0.75	12.00	14.00			
	EBX48****		TDR&TXV	46,500	0.75	11.50	13.20			
	EBX60****		TDR&TXV	47,500	0.75	11.70	13.50			
	EL*60J****		NONE	45,500	0.75	11.20				13.00
	EL*60J****	*8MPV100	TDR	45,500	0.75	11.50			13.20	
	EL*60J****	*8MPV125	TDR	45,500	0.75	11.70			13.50	
	EL*60J****	*9MPV100	TDR	45,000	0.75	11.20			13.00	
	EL*60J****	MV16J22****	TDR	45,500	0.75	12.00			14.00	

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COOLING PERFORMANCE FOR COMBINATION RATINGS (continued)
Obsolete Indoor Models

Outdoor Model	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
N2A348CKA (continued)	EP*48J****	*8MPV125	TDR	44,500	0.75	11.20			13.00	
	EP*48J****	MV16J22****	TDR	45,000	0.75	11.70			13.50	
	EP*48L****	*9MPV125	TDR	44,500	0.75	11.20			13.00	
	EP*48N****	MV20N26****	TDR	45,000	0.75	11.70			13.50	
	EP*60J****		NONE	45,500	0.75	11.20				13.00
	EP*60J****	*8MPV100	TDR	45,500	0.75	11.50			13.20	
	EP*60J****	*8MPV125	TDR	45,500	0.75	11.70			13.50	
	EP*60J****	*9MPV100	TDR	45,000	0.75	11.20			13.00	
	EP*60J****	MV16J22****	TDR	46,000	0.75	11.70			13.50	
	EP*60L****		NONE	45,500	0.75	11.20				13.00
	EP*60L****	*9MPV125	TDR	45,500	0.75	11.50			13.20	
	EP*60N****		NONE	45,500	0.75	11.20				13.00
	EP*60N****	MV20N26****	TDR	46,000	0.75	11.70			13.50	
	EX*48J****		TXV	45,000	0.75	11.20		13.00		
	EX*48J****	*9MPV125	TDR&TXV	45,000	0.75	11.50	13.20			
	EX*48L****		TXV	45,000	0.75	11.20		13.00		
	EX*48L****	*9MPV125	TDR&TXV	45,000	0.75	11.50	13.20			
	EX*48N****		TXV	45,000	0.75	11.20		13.00		
	EX*48N****	MV20N26****	TDR&TXV	46,000	0.75	11.70	13.50			
	EX*60L****		TXV	48,000	0.75	11.20		13.00		
	EX*60L****	*9MPV125	TDR&TXV	47,500	0.75	11.70	13.50			
	EX*60N****		TXV	48,000	0.75	11.20		13.00		
	EX*60N****	MV20N26****	TDR&TXV	48,500	0.75	12.00	14.00			
N2A360CKA	EBV60****		TDR&TXV	56,500	0.77	11.70	13.50			
	EBX60****		TDR&TXV	56,000	0.77	11.50	13.20			
	EL*60J****	MV16J22****	TDR	54,500	0.77	11.20			13.00	
	EP*60J****	MV16J22****	TDR	54,500	0.77	11.20			13.00	
	EP*60N****	MV20N26****	TDR	54,500	0.77	11.20			13.00	
	EX*60L****		TXV	57,000	0.77	11.70		13.50		
	EX*60L****	*9MPV125	TDR&TXV	57,000	0.77	11.50	13.20			
	EX*60N****		TXV	57,000	0.77	11.20		13.00		
	EX*60N****	MV20N26****	TDR&TXV	57,500	0.77	11.70	13.50			

OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE (single phase)

Digit Position:	1	2	3	4	5, 6	7	8	9	10	11	12
Example Part Number:	**N**	**2**	**A**	**3**	**18**	**A**	**K**	**A**	**1**	**0**	**0**

- N = Non–Branded — **BRANDING**
- 2 = R–22
- 4 = R–410A — **REFRIGERANT**
- A = Air Conditioner
- H = Heat Pump — **TYPE**
- 3 = 13 SEER
- 4 = 14 SEER — **NOMINAL EFFICIENCY**
- 18 = 18,000 BTUH = 1½ tons
- 24 = 24,000 BTUH = 2 tons
- 30 = 30,000 BTUH = 2½ tons
- 36 = 36,000 BTUH = 3 tons
- 42 = 42,000 BTUH = 3½ tons
- 48 = 48,000 BTUH = 4 tons
- 60 = 60,000 BTUH = 5 tons — **NOMINAL CAPACITY**
- A = Standard Grille
- G = Coil Guard Grille
- H = High HSPF (Heat Pump)
- C = Coastal — **FEATURES**
- K = 208/230–1–60 — **VOLTAGE**
- Sales Code
- Engineering Revision
- Extra Digit
- Extra Digit

ACCESSORIES PART NUMBER IDENTIFICATION GUIDE

Digit Position:	1	2	3	4	5	6, 7	8, 9	10, 11
Example Part Number:	**N**	**A**	**S**	**A**	**0**	**0 1**	**01**	**C H**

- N = Non–Branded — **BRANDING**
- A = Accessory — **PRODUCT GROUP**
- S = Split System (AC & HP) — **KIT USAGE**
- A = Original
- B = 2nd Generation — **MAJOR SERIES**
- 0 = Generic or Not Applicable
- 2 = R–22
- 4 = R–410A — **REFRIGERANT**
- Product Identifier Number
- Package Quantity
- Type of Kit (Example: CH = Crankcase Heater)