



## HIGH EFFICIENCY 14 SEER AIR CONDITIONER ENVIRONMENTALLY SOUND R-410A REFRIGERANT

1½ THRU 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
- 4 & 5 ton models have 2-row coil for reduced height

### 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-410A 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 3/8" grille spacing for extra protection
- 5 year limited compressor, coil, and parts warranties

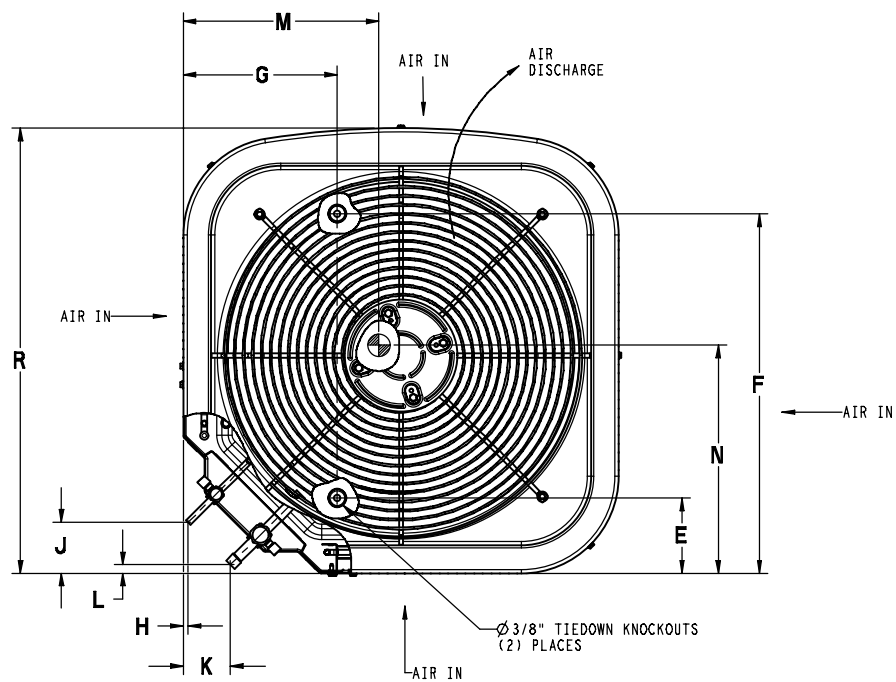
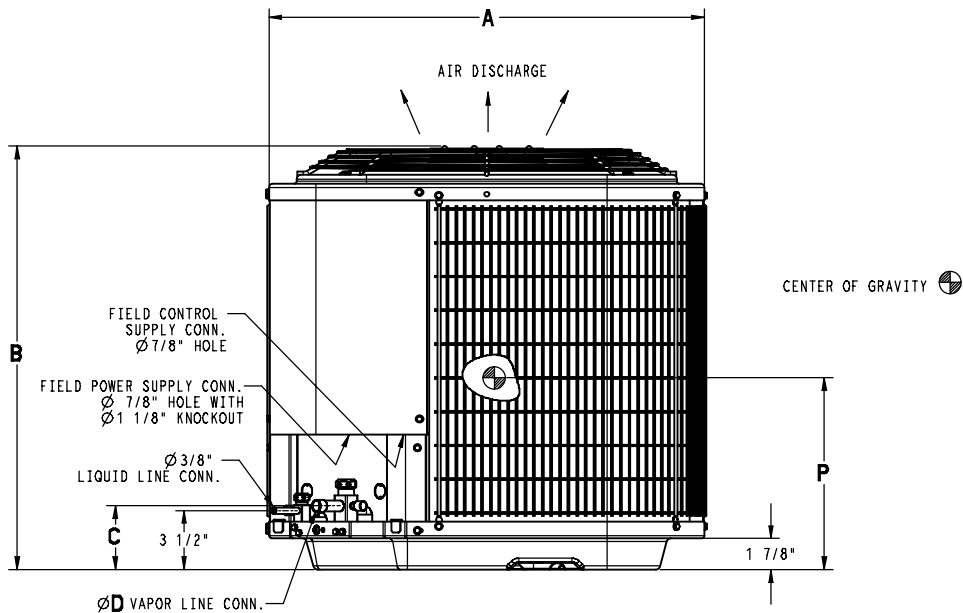


Rated in accordance with ARI Standard 210.  
Certification applies only when used with proper  
components as listed with ARI.



Model Number	Size (tons)	Nominal BTU/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x width x depth (in)	Ship / Operating Weight (lbs)
N4A418AKA	1½	18,000	11.7	15	35¾ x 31¾ x 32⅝	199 / 171
18GKA	same model with 3/8" spacing inlet grille					
N4A424AKA	2	24,000	17.6	25	42½ x 31¾ x 32⅝	214 / 185
24GKA	same model with 3/8" spacing inlet grille					
N4A430AKA	2½	30,000	18.7	30	42½ x 31¾ x 32⅝	217 / 188
30GKA	same model with 3/8" spacing inlet grille					
N4A436AKA	3	36,000	22.0	35	35¾ x 35 x 36⅞	225 / 191
36GKA	same model with 3/8" spacing inlet grille					
N4A442AKA	3½	42,000	23.6	40	45⅝ x 35 x 36⅞	278 / 243
42GKA	same model with 3/8" spacing inlet grille					
N4A448AKA	4	48,000	28.4	40	32⅝ x 35 x 36⅞	280 / 247
48GKA	same model with 3/8" spacing inlet grille					
N4A460AKA	5	60,000	34.2	50	45⅝ x 35 x 36⅞	330 / 295
60GKA	same model with 3/8" spacing inlet grille					

Specifications subject to change without notice.



All Dimensions Inches

Model (* = A or G)	All Dimensions Inches																Minimum Mounting Pad Size	Crated Dimensions B(h) x A(w) x R(d)
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R			
N4A418*KA	31 <sup>3</sup> / <sub>16</sub>	35 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>8</sub>	6 <sup>9</sup> / <sub>16</sub>	24 <sup>11</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>16</sub>	3	2 <sup>13</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	16 <sup>1</sup> / <sub>4</sub>	16	16 <sup>5</sup> / <sub>8</sub>	32 <sup>5</sup> / <sub>16</sub>	31 <sup>1</sup> / <sub>2</sub> x 32 <sup>1</sup> / <sub>2</sub>	39 <sup>7</sup> / <sub>16</sub> x 32 <sup>3</sup> / <sub>8</sub> x 33 <sup>7</sup> / <sub>16</sub>	
N4A424*KA	31 <sup>3</sup> / <sub>16</sub>	42 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>8</sub>	6 <sup>9</sup> / <sub>16</sub>	24 <sup>11</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>16</sub>	3	2 <sup>13</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	16	16	19	32 <sup>5</sup> / <sub>16</sub>	31 <sup>1</sup> / <sub>2</sub> x 32 <sup>1</sup> / <sub>2</sub>	46 <sup>1</sup> / <sub>4</sub> x 32 <sup>3</sup> / <sub>8</sub> x 33 <sup>7</sup> / <sub>16</sub>	
N4A430*KA	31 <sup>3</sup> / <sub>16</sub>	42 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	6 <sup>9</sup> / <sub>16</sub>	24 <sup>11</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>16</sub>	3	2 <sup>13</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	14 <sup>7</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>4</sub>	19 <sup>3</sup> / <sub>8</sub>	32 <sup>5</sup> / <sub>16</sub>	31 <sup>1</sup> / <sub>2</sub> x 32 <sup>1</sup> / <sub>2</sub>	46 <sup>1</sup> / <sub>4</sub> x 32 <sup>3</sup> / <sub>8</sub> x 33 <sup>7</sup> / <sub>16</sub>	
N4A436*KA	35	35 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	6 <sup>9</sup> / <sub>16</sub>	28 <sup>7</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>16</sub>	3	2 <sup>13</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>4</sub>	18 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	36 <sup>9</sup> / <sub>16</sub>	35 x 36 <sup>1</sup> / <sub>2</sub>	39 <sup>7</sup> / <sub>16</sub> x 36 <sup>1</sup> / <sub>8</sub> x 37 <sup>3</sup> / <sub>4</sub>	
N4A442*KA	35	45 <sup>15</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	6 <sup>9</sup> / <sub>16</sub>	28 <sup>7</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>16</sub>	3	2 <sup>15</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	18 <sup>3</sup> / <sub>4</sub>	17	20 <sup>7</sup> / <sub>8</sub>	36 <sup>9</sup> / <sub>16</sub>	35 x 36 <sup>1</sup> / <sub>2</sub>	49 <sup>5</sup> / <sub>8</sub> x 36 <sup>1</sup> / <sub>8</sub> x 37 <sup>3</sup> / <sub>4</sub>	
N4A448*KA	35	32 <sup>5</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	6 <sup>9</sup> / <sub>16</sub>	28 <sup>7</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>16</sub>	3	2 <sup>15</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	17 <sup>3</sup> / <sub>4</sub>	18 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>2</sub>	36 <sup>9</sup> / <sub>16</sub>	35 x 36 <sup>1</sup> / <sub>2</sub>	36 <sup>1</sup> / <sub>16</sub> x 36 <sup>1</sup> / <sub>8</sub> x 37 <sup>3</sup> / <sub>4</sub>	
N4A460*KA	35	45 <sup>15</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	6 <sup>9</sup> / <sub>16</sub>	28 <sup>7</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>16</sub>	3	2 <sup>15</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	17 <sup>7</sup> / <sub>8</sub>	18 <sup>5</sup> / <sub>8</sub>	20 <sup>1</sup> / <sub>4</sub>	36 <sup>9</sup> / <sub>16</sub>	35 x 36 <sup>1</sup> / <sub>2</sub>	39 <sup>7</sup> / <sub>16</sub> x 36 <sup>1</sup> / <sub>8</sub> x 37 <sup>3</sup> / <sub>4</sub>	

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	14.0	14.0	14.0	14.0	14.0	14.0	14.0
Sound Rating (dBA)	76	76	76	76	77	78	78
PSC Fan Motor HP	1/12	1/10	1/5	1/5	1/5	1/5	1/4
Fan RPM (single speed)	800	1100	1100	800	800	800	800
Fan CFM	2235	2615	3170	3800	3800	3800	4050
Coil Face Area (ft <sup>2</sup> )	19.40	23.71	23.71	22.63	30.18	20.12	30.18
Coil Rows – fins per inch	1 – 25	1 – 25	1 – 25	1 – 25	1 – 25	2 – 20	2 – 20
Liquid Line Connection Size (in.)	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Vapor Line Connection Size (in.)	5/8	5/8	3/4	3/4	7/8	7/8	7/8
Recommended Line Set Liquid Tube Diameter (in.)	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Recommended Line Set Vapor Tube Diameter (in.)	5/8 *	5/8 *	3/4 *	3/4 *	7/8 *	7/8 *	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-410A (lbs.)	5.70	7.25	7.10	7.25	10.40	11.00	13.90
Required Subcooling (°F)	9.7	11.0	8.3	9.7	12.0	8.8	9.3
Weight, shipping (lbs.)	199	214	217	225	278	280	330
Weight, operating (lbs.)	171	185	188	191	243	247	295

ELECTRICAL DATA (208/230-1-60, voltage range 197V – 253V)							
Model Size	18	24	30	36	42	48	60
Minimum Circuit Ampacity – <b>MCA</b> (amps)	11.7	17.6	18.7	22.0	23.6	28.4	34.2
Maximum OverCurrent Protective device – <b>MOCP</b> (amps)	15	25	30	35	40	40	50
Compressor <b>RLA</b> (Rated Load Amps) <b>LRA</b> (Locked Rotor Amps)	9.0 48.0	13.5 58.3	14.1 73.0	16.7 79.0	17.9 112.0	21.8 117.0	26.4 134.0
Fan Motor <b>FLA</b> (Full Load Amps)	.5	.75	1.1	1.2	1.2	1.2	1.2

**R-410A 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'
18	3/8	1/2	1	2	3	3	4	6	7	8	9	10	12
		5/8	0	0	1	1	1	1	2	2	3	3	3
24		5/8	0	1	1	1	2	3	3	4	4	5	6
		3/4	0	0	0	0	0	1	1	1	1	1	2
30		7/8	0	0	0	0	0	0	0	0	0	0	1
		5/8	1	2	3	3	3	4	5	6	7	8	9
		3/4	0	0	1	1	1	1	2	2	2	3	3
36		7/8	0	0	0	0	0	1	1	1	1	1	1
		5/8	1	2	4	4	5	6	7	9	10	11	13
		3/4	0	0	1	1	1	2	2	3	3	4	4
42		7/8	0	0	0	0	0	1	1	1	1	2	2
		3/4	0	1	2	2	2	3	4	4	5	6	6
	1/8	0	0	0	0	0	0	0	0	0	0	1	
48	7/8	0	0	1	1	1	1	2	2	2	3	3	
	3/4	0	1	2	2	3	4	5	5	6	7	8	
	1/8	0	0	0	0	0	0	0	0	1	1	1	
60	7/8	0	0	1	1	1	2	2	2	3	3	4	
	3/4	1	2	4	4	5	6	7	9	10	11	12	
	1/8	0	0	0	0	1	1	1	1	1	1	2	

\* 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.)
Crankcase Heater	<b>Yes</b>	<b>Yes</b>
Evaporator Freeze Thermostat	<b>Yes</b>	No
Winter Start Control	<b>Yes **</b>	No
Hard Start Kit (Capacitor & Relay)	<b>Yes</b>	<b>Yes</b>
Low Ambient Kit (Pressure Switch)	<b>Yes</b>	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)	18, 24, 30, 36
NASA001SC	Start Component – PTC Device	ALL
NASA001FS	Evaporator Freeze Thermostat	ALL
NASA401PS	Low Pressure Switch, AC, R-410A	ALL
NASA401LS	Liquid Line Solenoid Valve, R-410A	ALL
NASA001TD	Time Delay Relay, Indoor Blower	ALL
NASA001WS	Winter Start Control	ALL
NASA001AC	Anti-Cycle Timer (5 minute delay)	ALL
NASA402PS	High Pressure Switch, AC or HP, R-410A	ALL
NASA005SC	Hard Start Kit (Capacitor & Relay)	ALL
NASA401LA	Low Ambient Kit (Pressure Switch), R-410A	ALL
NASA001SF	Support Feet, 4" tall	ALL
NASA001SJ	Sound Jacket, Compressor	18, 24, 30, 36, 42, 48
NASA003SJ	Sound Jacket, Compressor	60
EBAC05TXVX	TXV Kit, R-410A *	18, 24, 30
EBAC06TXVX	TXV Kit, R-410A *	36, 42
EBAC07TXVX	TXV Kit, R-410A *	48
EBAC08TXVX	TXV Kit, R-410A *	60

\* ONLY converts Fan Coils equipped with factory installed R-22 TXV.

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-410A TXV	w/ field R-410A TXV+TDR
N4A418AKA N4A418GKA	ED*4X18B**		TXV	17,800	0.76	11.00		13.50		
	ED*4X18B**	MV08B15****	TDR & TXV	18,300	0.76	12.00	15.00			
	‡ ED*4X24B**		TXV	18,100	0.76	11.50		14.00		
	ED*4X24B**	MV08B15****	TDR & TXV	18,400	0.76	12.00	15.00			
	ED*4X24F**		TXV	18,100	0.76	11.50		14.00		
	ED*4X24F**	MV12F19****	TDR & TXV	18,400	0.76	12.00	15.00			
	EHD4X24A**		TXV	18,100	0.76	11.50		14.00		
	EHD4X24A**	MV08B15****	TDR & TXV	18,400	0.76	12.00	15.00			
	EHD4X24A**	MV12F19****	TDR & TXV	18,400	0.76	12.00	15.00			
	EMA4X24D**		TXV	18,100	0.76	11.50		14.00		
	FEM4X18****		TDR & TXV	18,100	0.76	12.50	15.00			
	FEM4X24****		TDR & TXV	18,300	0.76	12.00	15.00			
	FS(M,U)4X18****		TDR & TXV	17,800	0.76	11.20	13.50			
	FS(M,U)4X24****		TDR & TXV	17,900	0.76	11.20	13.50			
N4A424AKA N4A424GKA	ED*4X24B**		TXV	23,600	0.77	11.50		14.00		
	ED*4X24B**	*8MPV050	TDR & TXV	24,000	0.77	12.00	14.50			
	ED*4X24B**	MV08B15****	TDR & TXV	24,200	0.77	12.50	15.00			
	ED*4X24F**		TXV	23,600	0.77	11.50		14.00		
	ED*4X24F**	*9MPV050	TDR & TXV	23,200	0.77	12.00	14.50			
	ED*4X24F**	*9MPV075	TDR & TXV	23,400	0.77	12.00	14.50			
	ED*4X24F**	MV12F19****	TDR & TXV	24,200	0.77	12.50	15.00			
	‡ ED*4X30B**		TXV	23,800	0.77	11.50		14.00		
	ED*4X30B**	*8MPV050	TDR & TXV	24,400	0.77	12.00	14.50			
	ED*4X30B**	MV08B15****	TDR & TXV	24,600	0.77	12.50	15.00			
	ED*4X30F**		TXV	23,800	0.77	11.50		14.00		
	ED*4X30F**	*9MPV050	TDR & TXV	24,400	0.77	12.50	15.00			
	ED*4X30F**	*9MPV075	TDR & TXV	24,400	0.77	12.50	15.00			
	ED*4X30F**	MV12F19****	TDR & TXV	24,600	0.77	12.50	15.00			
	EHD4X24A**		TXV	23,600	0.77	11.50		14.00		
	EHD4X24A**	*8MPV050	TDR & TXV	24,000	0.77	12.00	14.50			
	EHD4X24A**	*8MPV075	TDR & TXV	24,200	0.77	12.50	15.00			
	EHD4X24A**	*8MPV100	TDR & TXV	24,400	0.77	12.50	15.00			
	EHD4X24A**	*8MPV125	TDR & TXV	23,200	0.77	12.50	15.00			
	EHD4X24A**	*9MPV050	TDR & TXV	23,400	0.77	12.00	14.50			
	EHD4X24A**	*9MPV075	TDR & TXV	24,000	0.77	12.00	14.50			
	EHD4X24A**	*9MPV100	TDR & TXV	24,400	0.77	12.50	15.00			
	EHD4X24A**	*9MPV125	TDR & TXV	24,000	0.77	12.50	15.00			
	EHD4X24A**	MV08B15****	TDR & TXV	24,000	0.77	12.50	15.00			
	EHD4X24A**	MV12F19****	TDR & TXV	24,200	0.77	12.50	15.00			
	EHD4X24A**	MV16J22****	TDR & TXV	24,200	0.77	12.50	15.00			
	EHD4X24A**	MV20N26****	TDR & TXV	24,200	0.77	12.50	15.00			
	EHD4X30A**		TXV	23,800	0.77	11.50		14.00		
	EHD4X30A**	*8MPV050	TDR & TXV	24,200	0.77	12.00	14.50			
	EHD4X30A**	*8MPV075	TDR & TXV	24,400	0.77	12.50	15.00			
	EHD4X30A**	*8MPV125	TDR & TXV	24,400	0.77	13.00	15.00			
	EHD4X30A**	*9MPV050	TDR & TXV	24,400	0.77	12.00	14.50			
	EHD4X30A**	*9MPV075	TDR & TXV	24,400	0.77	12.50	15.00			
	EHD4X30A**	*9MPV100	TDR & TXV	24,400	0.77	12.50	15.00			
	EHD4X30A**	MV08B15****	TDR & TXV	24,400	0.77	12.50	15.00			
	EHD4X30A**	MV12F19****	TDR & TXV	24,400	0.77	12.50	15.00			
	EHD4X30A**	MV16J22****	TDR & TXV	24,400	0.77	12.50	15.00			
	EHD4X30A**	MV20N26****	TDR & TXV	24,400	0.77	12.50	15.00			
	EMA4X24D**		TXV	23,600	0.77	11.50		14.00		
	FEM4X24****		TDR & TXV	23,800	0.77	12.50	15.00			
	FEM4X30****		TDR & TXV	24,000	0.77	12.50	15.00			
	FS(M,U)4X24****		TDR & TXV	23,400	0.77	11.50	14.00			
FS(M,U)4X30****		TDR & TXV	23,600	0.77	11.50	14.00				
N4A430AKA N4A430GKA	‡ ED*4X30B**		TXV	29,000	0.77	11.50		14.00		
	ED*4X30B**	MV08B15****	TDR & TXV	29,200	0.77	12.50	15.00			
	ED*4X30F**		TXV	29,000	0.77	11.50		14.00		
	ED*4X30F**	*8MPV075	TDR & TXV	29,600	0.77	12.00	14.50			
	ED*4X30F**	MV12F19****	TDR & TXV	29,600	0.77	12.50	15.00			
	ED*4X36B**		TXV	29,200	0.77	11.50		14.00		
	ED*4X36B**	MV08B15****	TDR & TXV	29,400	0.77	12.50	15.00			
ED*4X36F**		TXV	29,200	0.77	11.50		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-410A TXV	w/ field R-410A TXV+TDR
N4A430AKA N4A430GKA	ED*4X36F**	*8MPV075	TDR & TXV	29,600	0.77	12.00	14.50			
	ED*4X36F**	*9MPV075	TDR & TXV	29,400	0.77	12.00	14.50			
	ED*4X36F**	MV12F19****	TDR & TXV	29,800	0.77	12.50	15.00			
	ED*4X36J**		TXV	29,200	0.77	11.50		14.00		
	ED*4X36J**	*8MPV100	TDR & TXV	29,800	0.77	12.50	15.00			
	ED*4X36J**	*9MPV100	TDR & TXV	29,600	0.77	12.50	15.00			
	ED*4X36J**	MV16J22****	TDR & TXV	29,800	0.77	12.50	15.00			
	EHD4X30A**		TXV	29,000	0.77	11.50		14.00		
	EHD4X30A**	*8MPV075	TDR & TXV	29,600	0.77	12.00	14.50			
	EHD4X30A**	*8MPV100	TDR & TXV	29,600	0.77	12.50	15.00			
	EHD4X30A**	*8MPV125	TDR & TXV	29,600	0.77	12.50	15.00			
	EHD4X30A**	*9MPV100	TDR & TXV	29,600	0.77	12.00	14.50			
	EHD4X30A**	*9MPV125	TDR & TXV	29,800	0.77	12.00	14.50			
	EHD4X30A**	MV08B15****	TDR & TXV	29,400	0.77	12.50	15.00			
	EHD4X30A**	MV12F19****	TDR & TXV	29,600	0.77	12.50	15.00			
	EHD4X30A**	MV16J22****	TDR & TXV	29,600	0.77	12.50	15.00			
	EHD4X30A**	MV20N26****	TDR & TXV	29,600	0.77	12.50	15.00			
	EHD4X36A**		TXV	29,200	0.77	11.50		14.00		
	EHD4X36A**	*8MPV050	TDR & TXV	29,200	0.77	12.00	14.50			
	EHD4X36A**	*8MPV075	TDR & TXV	29,600	0.77	12.50	15.00			
	EHD4X36A**	*8MPV100	TDR & TXV	29,600	0.77	12.50	15.00			
	EHD4X36A**	*8MPV125	TDR & TXV	29,600	0.77	12.50	15.00			
	EHD4X36A**	*9MPV050	TDR & TXV	29,600	0.77	12.00	14.50			
	EHD4X36A**	*9MPV075	TDR & TXV	29,400	0.77	12.00	14.50			
	EHD4X36A**	*9MPV100	TDR & TXV	29,400	0.77	12.50	15.00			
	EHD4X36A**	*9MPV125	TDR & TXV	300	0.77	12.50	15.00			
	EHD4X36A**	MV08B15****	TDR & TXV	29,600	0.77	12.50	15.00			
	EHD4X36A**	MV12F19****	TDR & TXV	29,600	0.77	12.50	15.00			
	EHD4X36A**	MV16J22****	TDR & TXV	29,600	0.77	12.50	15.00			
	EHD4X36A**	MV20N26****	TDR & TXV	29,600	0.77	12.50	15.00			
	EMA4X36D**		TXV	29,000	0.77	11.50		14.00		
	FEM4X30****		TDR & TXV	29,200	0.77	12.00	15.00			
FEM4X36****		TDR & TXV	29,800	0.77	12.00	15.00				
FS(M,U)4X30****		TDR & TXV	28,800	0.77	11.50	14.00				
F5U4X36****		TDR & TXV	29,000	0.77	11.50	14.00				
N4A436AKA N4A436GKA	ED*4X36B**		TXV	34,000	0.77	11.50		14.00		
	ED*4X36B**	MV08B15****	TDR & TXV	34,400	0.77	11.70	14.50			
	ED*4X36F**		TXV	35,400	0.77	11.50		14.00		
	ED*4X36F**	*8MPV075	TDR & TXV	35,600	0.77	11.70	14.50			
	ED*4X36F**	MV12F19****	TDR & TXV	35,800	0.77	12.00	15.00			
	ED*4X36J**		TXV	35,400	0.77	11.50		14.00		
	ED*4X36J**	*8MPV100	TDR & TXV	35,800	0.77	12.00	15.00			
	ED*4X36J**	*8MPV125	TDR & TXV	35,800	0.77	12.00	15.00			
	ED*4X36J**	*9MPV100	TDR & TXV	35,600	0.77	11.70	14.50			
	ED*4X36J**	MV16J22****	TDR & TXV	35,600	0.77	12.50	15.00			
	‡ ED*4X42J**		TXV	35,800	0.77	11.50		14.00		
	ED*4X42J**	*8MPV100	TDR & TXV	36,000	0.77	12.00	15.00			
	ED*4X42J**	*8MPV125	TDR & TXV	36,000	0.77	12.00	15.00			
	ED*4X42J**	*9MPV100	TDR & TXV	36,000	0.77	11.70	14.50			
	ED*4X42J**	MV16J22****	TDR & TXV	35,800	0.77	12.00	15.00			
	ED*4X42L**		TXV	35,800	0.77	11.50		14.00		
	ED*4X42L**	*9MPV125	TDR & TXV	35,400	0.77	12.00	15.00			
	EHD4X36A**		TXV	35,400	0.77	11.50		14.00		
	EHD4X36A**	*8MPV075	TDR & TXV	35,600	0.77	12.00	15.00			
	EHD4X36A**	*8MPV100	TDR & TXV	35,600	0.77	12.00	15.00			
	EHD4X36A**	*8MPV125	TDR & TXV	35,600	0.77	12.00	15.00			
	EHD4X36A**	*9MPV075	TDR & TXV	35,600	0.77	11.70	14.50			
	EHD4X36A**	*9MPV100	TDR & TXV	35,600	0.77	12.00	15.00			
	EHD4X36A**	*9MPV125	TDR & TXV	35,600	0.77	12.00	15.00			
	EHD4X36A**	MV08B15****	TDR & TXV	35,600	0.77	12.00	15.00			
	EHD4X36A**	MV12F19****	TDR & TXV	35,600	0.77	12.00	15.00			
	EHD4X36A**	MV16J22****	TDR & TXV	35,600	0.77	12.00	15.00			
	EHD4X36A**	MV20N26****	TDR & TXV	35,600	0.77	12.00	15.00			
	EHD4X42A**		TXV	35,800	0.77	11.50		14.00		
	EHD4X42A**	*8MPV050	TDR & TXV	36,000	0.77	11.70	14.50			
	EHD4X42A**	*8MPV075	TDR & TXV	36,000	0.77	11.70	14.50			

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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-410A TXV	w/ field R-410A TXV+TDR
N4A436AKA N4A436GKA (continued)	EHD4X42A**	*8MPV100	TDR & TXV	36,000	0.77	12.00	15.00			
	EHD4X42A**	*8MPV125	TDR & TXV	36,000	0.77	12.50	15.00			
	EHD4X42A**	*9MPV050	TDR & TXV	36,000	0.77	11.70	14.50			
	EHD4X42A**	*9MPV075	TDR & TXV	36,000	0.77	11.70	14.50			
	EHD4X42A**	*9MPV100	TDR & TXV	36,000	0.77	12.00	15.00			
	EHD4X42A**	*9MPV125	TDR & TXV	36,200	0.77	12.00	15.00			
	EHD4X42A**	MV08B15****	TDR & TXV	35,800	0.77	12.00	15.00			
	EHD4X42A**	MV12F19****	TDR & TXV	35,800	0.77	12.50	15.00			
	EHD4X42A**	MV16J22****	TDR & TXV	35,800	0.77	12.50	15.00			
	EHD4X42A**	MV20N26****	TDR & TXV	35,800	0.77	12.50	15.00			
	EMA4X36D**		TXV	35,400	0.77	11.50		14.00		
	FEM4X36****		TDR & TXV	36,600	0.77	13.00	15.00			
	FEM4X42****		TDR & TXV	36,600	0.77	13.05	15.00			
	FS(M,U)4X42****		TDR & TXV	35,400	0.77	12.00	14.00			
	FSM4X36****		TDR & TXV	35,400	0.77	12.20	14.00			
FSU4X36****		TDR & TXV	34,800	0.77	11.95	14.00				
N4A442AKA N4A442GKA	ED*4X42J**		TXV	39,500	0.78	11.20		13.50		
	ED*4X42J**	*8MPV100	TDR & TXV	40,000	0.78	12.50	15.00			
	ED*4X42J**	*8MPV125	TDR & TXV	39,500	0.78	12.50	15.00			
	ED*4X42J**	MV16J22****	TDR & TXV	40,000	0.78	12.50	15.00			
	ED*4X42L**		TXV	39,500	0.78	11.20		13.50		
	ED*4X42L**	*9MPV125	TDR & TXV	39,500	0.78	12.50	15.00			
	‡ ED*4X48F**		TXV	40,500	0.78	11.50		14.00		
	ED*4X48F**	*8MPV075	TDR & TXV	40,500	0.78	12.50	15.00			
	ED*4X48F**	*9MPV075	TDR & TXV	39,500	0.78	12.50	15.00			
	ED*4X48J**		TXV	40,000	0.78	11.50		14.00		
	ED*4X48J**	*8MPV100	TDR & TXV	40,500	0.78	12.00	14.50			
	ED*4X48J**	*8MPV125	TDR & TXV	40,500	0.78	12.00	14.50			
	ED*4X48J**	MV16J22****	TDR & TXV	41,000	0.78	12.50	15.00			
	ED*4X48L**		TXV	40,000	0.78	11.50		14.00		
	ED*4X48L**	*9MPV125	TDR & TXV	39,500	0.78	11.50	14.00			
	EHD4X42A**		TXV	39,500	0.78	11.50		14.00		
	EHD4X42A**	*8MPV075	TDR & TXV	40,500	0.78	11.50	14.00			
	EHD4X42A**	*8MPV100	TDR & TXV	40,000	0.78	12.50	15.00			
	EHD4X42A**	*8MPV125	TDR & TXV	39,500	0.78	12.50	15.00			
	EHD4X42A**	*9MPV075	TDR & TXV	39,500	0.78	12.50	15.00			
	EHD4X42A**	*9MPV100	TDR & TXV	39,500	0.78	12.50	15.00			
	EHD4X42A**	*9MPV125	TDR & TXV	39,500	0.78	11.50	14.00			
	EHD4X42A**	MV16J22****	TDR & TXV	40,000	0.78	12.50	15.00			
	EHD4X42A**	MV20N26****	TDR & TXV	40,000	0.78	12.00	14.50			
	EHD4X48A**		TXV	40,500	0.78	11.50		14.00		
	EHD4X48A**	*8MPV075	TDR & TXV	40,500	0.78	11.50	14.00			
	EHD4X48A**	*8MPV100	TDR & TXV	40,500	0.78	12.00	14.50			
	EHD4X48A**	*8MPV125	TDR & TXV	40,500	0.78	12.00	14.50			
	EHD4X48A**	*9MPV075	TDR & TXV	39,500	0.78	11.50	14.00			
	EHD4X48A**	*9MPV100	TDR & TXV	40,000	0.78	12.00	14.50			
	EHD4X48A**	*9MPV125	TDR & TXV	40,000	0.78	11.50	14.00			
	EHD4X48A**	MV16J22****	TDR & TXV	40,000	0.78	12.50	15.00			
	EHD4X48A**	MV20N26****	TDR & TXV	40,000	0.78	12.00	14.50			
	EMA4X48D**		TXV	39,000	0.78	11.50		14.00		
	FEM4X42****		TDR & TXV	40,500	0.78	11.70	14.50			
FEM4X48****		TDR & TXV	41,000	0.78	12.00	15.00				
FS(M,U)4X42****		TDR & TXV	40,000	0.78	11.20	13.50				
FS(M,U)4X48****		TDR & TXV	40,500	0.78	11.50	14.00				
FSM4X36****		TDR & TXV	40,000	0.78	11.20	13.50				
N4A448AKA N4A448GKA	ED*4X48F**		TXV	47,000	0.77	11.50		14.00		
	ED*4X48J**	*8MPV100	TDR & TXV	47,500	0.77	11.50	14.20			
	ED*4X48J**	MV16J22****	TDR & TXV	48,000	0.77	12.00	14.50			
	ED*4X48L**	*9MPV125	TDR & TXV	47,500	0.77	11.50	14.20			
	ED*4X60J**		TXV	48,500	0.77	11.50		14.00		
	ED*4X60J**	*8MPV125	TDR & TXV	48,500	0.77	12.00	14.50			
	ED*4X60J**	*9MPV100	TDR & TXV	48,500	0.77	11.50	14.20			
	ED*4X60J**	MV16J22****	TDR & TXV	49,500	0.77	12.00	14.50			
	‡ ED*4X60L**		TXV	48,500	0.77	11.50		14.00		
ED*4X60L**	*9MPV125	TDR & TXV	48,500	0.77	11.50	14.20				

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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-410A TXV	w/ field R-410A TXV+TDR
N4A448AKA N4A448GKA (continued)	ED*4X60L**	*9MPV125	TDR & TXV	48,500	0.77	11.50	14.20			
	EHD4X48A**		TXV	47,000	0.77	11.50		14.00		
	EHD4X48A**	*8MPV125	TDR & TXV	47,000	0.77	11.50	14.20			
	EHD4X48A**	*9MPV100	TDR & TXV	47,000	0.77	11.50	14.20			
	EHD4X48A**	*9MPV125	TDR & TXV	47,000	0.77	11.50	14.20			
	EHD4X48A**	MV16J22****	TDR & TXV	48,000	0.77	12.00	14.50			
	EHD4X48A**	MV20N26****	TDR & TXV	48,000	0.77	12.00	14.50			
	EHD4X60A**		TXV	48,000	0.77	11.50		14.00		
	EHD4X60A**	*8MPV100	TDR & TXV	48,000	0.77	11.50	14.20			
	EHD4X60A**	*8MPV125	TDR & TXV	48,000	0.77	12.00	14.50			
	EHD4X60A**	*9MPV125	TDR & TXV	48,000	0.77	11.50	14.20			
	EHD4X60A**	MV16J22****	TDR & TXV	48,000	0.77	12.50	15.00			
	EHD4X60A**	MV20N26****	TDR & TXV	48,000	0.77	12.50	15.00			
	FEM4X48****		TDR & TXV	48,500	0.77	12.00	14.50			
	FEM4X60****		TDR & TXV	49,500	0.77	12.50	15.00			
	FS(M,U)4X48****		TDR & TXV	48,000	0.77	11.20	13.50			
	FS(M,U)4X60****		TDR & TXV	48,500	0.77	11.20	13.50			
N4A460AKA N4A460GKA	ED*4X60J**		TXV	58,500	0.77	11.50		14.00		
	ED*4X60J**	*8MPV100	TDR & TXV	57,500	0.77	11.50	14.20			
	ED*4X60J**	*8MPV125	TDR & TXV	58,000	0.77	11.50	14.20			
	ED*4X60J**	*9MPV100	TDR & TXV	57,000	0.77	11.50	14.20			
	ED*4X60J**	MV16J22****	TDR & TXV	59,000	0.77	11.70	14.50			
	‡ ED*4X60L**		TXV	59,000	0.77	11.50		14.00		
	ED*4X60L**	*9MPV125	TDR & TXV	57,000	0.77	11.50	14.20			
	EHD4X60A**		TXV	58,000	0.77	11.50		14.00		
	EHD4X60A**	*8MPV100	TDR & TXV	57,000	0.77	11.50	14.20			
	EHD4X60A**	*8MPV125	TDR & TXV	57,500	0.77	11.50	14.20			
	EHD4X60A**	*9MPV100	TDR & TXV	56,000	0.77	11.50	14.20			
	EHD4X60A**	*9MPV125	TDR & TXV	56,000	0.77	11.50	14.20			
	EHD4X60A**	MV20N26****	TDR & TXV	58,000	0.77	11.50	14.20			
	FEM4X60****		TDR & TXV	59,500	0.77	11.70	14.50			
	FS(M,U)4X60****		TDR & TXV	59,000	0.77	11.20	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-410A TXV	w/ field R-410A TXV+TDR
N4A418AKA N4A418GKA	EBP18****		TDR	17,100	0.76	11.00			13.20	
	EBP24****		TDR	17,800	0.76	11.20			13.50	
	EBV24****		TRD & TXV	18,500	0.76	12.50			15.00	
	EBV36****		TRD & TXV	18,200	0.76	12.00			14.50	
	EBXX18****		TDR & TXV	17,800	0.76	11.20	13.50			
	EBXX24****		TDR & TXV	18,000	0.76	11.50	14.00			
	EL*18B****		NONE	16,400	0.76	10.45				12.40
	EL*24B****		NONE	17,100	0.76	11.00				13.00
	EL*24B****	MV08B15****	TDR	17,400	0.76	12.15			14.55	
	EMH24F****		NONE	17,100	0.76	11.00				13.00
	EP*18B****		NONE	16,400	0.76	10.45				12.40
	EP*18B****	MV08B15****	TDR	16,600	0.76	11.20			13.50	
	EP*24B****		NONE	17,100	0.76	11.00				13.00
	EP*24B****	MV08B15****	TDR	17,400	0.76	11.70			14.50	
	EP*24F****		NONE	17,100	0.76	11.00				13.00
	EP*24F****	MV12F19****	TDR	17,400	0.76	11.70			14.50	
	EPP024****		NONE	16,100	0.76	10.35				12.20
	EXX*24B****		TXV	18,000	0.76	11.20		13.50		
	EXX*24B****	MV08B15****	TDR & TXV	18,600	0.76	12.00	15.00			
	EXX*24F****		TXV	18,000	0.76	11.20		13.50		
EXX*24F****	MV12F19****	TDR & TXV	18,600	0.76	12.00	15.00				
FWM18****		TDR	17,200	0.76	11.20			13.50		
FWM24****		TDR	17,800	0.76	11.20			13.50		
N4A424AKA N4A424GKA	EBP24****		TDR	23,200	0.77	11.20			13.50	
	EBP30****		TDR	23,400	0.77	11.20			13.50	
	EBV24****		TRD & TXV	24,200	0.77	12.50			15.00	
	EBV36****		TRD & TXV	24,200	0.77	12.50			15.00	
	EBXX18****		TDR & TXV	23,200	0.77	11.20	13.50			
	EBXX24****		TDR & TXV	23,400	0.77	11.20	13.50			
	EL*24B****		NONE	22,200	0.77	10.70				12.65
	EL*24B****	*8MPV050	TDR	22,000	0.77	11.00			13.20	
	EL*24B****	MV08B15****	TDR	22,000	0.77	11.50			14.00	
	EL*30B****		NONE	22,200	0.77	10.95				12.90
	EL*30B****	*8MPV050	TDR	22,200	0.77	11.20			13.50	
	EL*30B****	MV08B15****	TDR	22,200	0.77	12.00			14.50	
	EMH24F****		NONE	22,000	0.77	10.75				12.65
	EMH30F****		NONE	22,200	0.77	10.95				12.90
	EP*24B****		NONE	22,000	0.77	10.75				12.65
	EP*24B****	*8MPV050	TDR	21,800	0.77	11.00			13.20	
	EP*24B****	MV08B15****	TDR	21,800	0.77	11.50			14.00	
	EP*24F****		NONE	22,000	0.77	10.70				12.65
	EP*24F****	*9MPV050	TDR	21,600	0.77	11.00			13.20	
	EP*24F****	*9MPV075	TDR	22,200	0.77	11.20			13.50	
	EP*24F****	MV12F19****	TDR	22,000	0.77	12.00			14.50	
	EP*30B****		NONE	22,200	0.77	10.95				12.95
	EP*30B****	*8MPV050	TDR	22,200	0.77	11.20			13.50	
	EP*30B****	MV08B15****	TDR	22,200	0.77	11.70			14.50	
	EP*30F****		NONE	22,000	0.77	10.95				12.95
	EP*30F****	*9MPV050	TDR	22,400	0.77	11.20			13.50	
	EP*30F****	*9MPV075	TDR	22,400	0.77	11.50			14.00	
	EPP024****		NONE	19,800	0.77	9.90				11.65
	EPP030****		NONE	21,600	0.77	10.55				12.45
	EXX*24B****		TXV	23,400	0.77	11.20		13.50		
	EXX*24B****	*8MPV050	TDR & TXV	23,800	0.77	11.50	14.00			
	EXX*24B****	MV08B15****	TDR & TXV	24,000	0.77	12.50	15.00			
	EXX*24F****		TXV	23,400	0.77	11.20		13.50		
	EXX*24F****	*8MPV075	TDR & TXV	24,000	0.77	12.00	14.50			
	EXX*24F****	*9MPV050	TDR & TXV	23,800	0.77	11.50	14.00			
	EXX*24F****	*9MPV075	TDR & TXV	23,800	0.77	11.50	14.00			
EXX*24F****	MV12F19****	TDR & TXV	24,200	0.77	13.00	15.00				
FWM24****		TDR	23,000	0.77	11.00			13.20		
FWM30****		TDR	23,400	0.77	11.20			13.50		

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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-410A TXV	w/ field R-410A TXV+TDR	
N4A430AKA N4A430GKA	EBP30****		TDR	28,400	0.77	11.20			13.50		
	EBP36****		TDR	28,600	0.77	11.20			13.50		
	EBV36****		TRD & TXV	29,600	0.77	12.50			15.00		
	EBV48****		TRD & TXV	29,800	0.77	12.50			15.00		
	EBXX36****		TDR & TXV	29,000	0.77	11.20	13.50				
	EL*30B****		NONE	26,800	0.77	10.75				12.80	
	EL*30B****	MV08B15****		TDR	27,000	0.77	11.20			13.50	
	EL*36B****		NONE	27,800	0.77	11.00				13.20	
	EL*36B****	*8MPV050		TDR	27,800	0.77	11.00			13.20	
	EL*36B****	MV08B15****		TDR	28,000	0.77	11.70			14.50	
	EL*36F****		NONE	27,800	0.77	11.00				13.20	
	EL*36F****	*9MPV050		TDR	28,000	0.77	11.20			13.50	
	EL*36F****	*9MPV075		TDR	28,000	0.77	11.20			13.50	
	EL*36F****	MV12F19****		TDR	28,400	0.77	11.70			14.50	
	EMH30F****			NONE	26,800	0.77	10.75				12.80
	EMH36F****			NONE	27,800	0.77	11.00				13.20
	EP*30B****			NONE	26,800	0.77	10.75				12.80
	EP*30B****	MV08B15****		TDR	27,000	0.77	11.20			13.50	
	EP*30F****			NONE	26,800	0.77	10.75				12.80
	EP*30F****	*8MPV075		TDR	27,200	0.77	11.20			13.50	
	EP*30F****	*9MPV050		TDR	27,000	0.77	10.90			12.90	
	EP*30F****	*9MPV075		TDR	27,000	0.77	11.00			13.20	
	EP*30F****	MV12F19****		TDR	27,400	0.77	11.50			14.00	
	EP*36B****			NONE	27,800	0.77	11.00				13.20
	EP*36B****	*8MPV050		TDR	27,800	0.77	11.20			13.50	
	EP*36B****	MV08B15****		TDR	28,000	0.77	11.70			14.50	
	EP*36F****			NONE	27,800	0.77	11.00				13.20
	EP*36F****	*8MPV075		TDR	28,200	0.77	11.50			14.00	
	EP*36F****	*9MPV050		TDR	28,000	0.77	11.20			13.50	
	EP*36F****	*9MPV075		TDR	28,000	0.77	11.20			13.50	
	EP*36F****	MV12F19****		TDR	28,400	0.77	11.70			14.50	
	EP*36J****			NONE	27,800	0.77	11.00				13.20
	EP*36J****	*8MPV100		TDR	28,200	0.77	11.70			14.50	
	EP*36J****	*8MPV125		TDR	28,200	0.77	11.70			14.50	
	EP*36J****	*9MPV100		TDR	28,200	0.77	11.50			14.00	
	EP*36J****	MV16J22****		TDR	28,400	0.77	12.00			15.00	
	EPP030****			NONE	25,800	0.77	10.35				12.35
	EPP036****			NONE	26,400	0.77	10.60				12.60
	EXX*36B****			TXV	29,000	0.77	11.70		13.50		
	EXX*36B****	MV08B15****		TDR & TXV	29,400	0.77	12.00	15.00			
	EXX*36F****			TXV	29,000	0.77	11.20		13.50		
	EXX*36F****	*8MPV075		TDR & TXV	29,400	0.77	11.70	14.50			
EXX*36F****	MV12F19****		TDR & TXV	29,600	0.77	12.50	15.00				
EXX*36J****			TXV	29,000	0.77	11.20		13.50			
EXX*36J****	*8MPV100		TDR & TXV	29,800	0.77	12.00	15.00				
EXX*36J****	*8MPV125		TDR & TXV	29,800	0.77	12.00	15.00				
EXX*36J****	*9MPV100		TDR & TXV	29,600	0.77	11.70	14.50				
EXX*36J****	MV16J22****		TDR & TXV	29,600	0.77	12.50	15.00				
FWM30****			TDR	28,400	0.77	11.20			13.50		
N4A436AKA N4A436GKA	EBP36****		TDR	34,400	0.77	11.70			13.50		
	EBP42****		TDR	34,800	0.77	11.80			13.50		
	EBV36****		TRD & TXV	36,000	0.77	12.50			15.00		
	EBV48****		TRD & TXV	36,600	0.77	12.50			15.00		
	EBXX36****		TDR & TXV	34,800	0.77	11.95	13.50				
	EL*36B****	MV08B15****		TDR	33,400	0.77	11.50			14.00	
	EL*36F****	*8MPV075		TDR	33,600	0.77	11.20			13.50	
	EL*36F****	*9MPV050		TDR	33,200	0.77	11.20			13.50	
	EL*36F****	*9MPV075		TDR	33,400	0.77	11.20			13.50	
	EL*36F****	MV12F19****		TDR	33,800	0.77	11.50			14.00	
	EL*42F****			NONE	34,400	0.77	11.20				13.50
	EL*42F****	*8MPV075		TDR	34,600	0.77	11.50			14.00	
	EL*42F****	*9MPV050		TDR	34,000	0.77	11.20			13.50	
	EL*42F****	*9MPV075		TDR	34,400	0.77	11.20			13.50	
	EL*42F****	MV12F19****		TDR	34,800	0.77	11.70			14.50	
	EMH42F****			NONE	34,400	0.77	11.20				13.50

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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-410A TXV	w/ field R-410A TXV+TDR
N4A436AKA N4A436GKA (continued)	EP*36B****	MV08B15****	TDR	33,400	0.77	11.50			14.00	
	EP*36F****	*8MPV075	TDR	33,600	0.77	11.20			13.50	
	EP*36F****	*9MPV050	TDR	33,200	0.77	11.20			13.50	
	EP*36F****	*9MPV075	TDR	33,400	0.77	11.20			13.50	
	EP*36F****	MV12F19****	TDR	33,800	0.77	11.50			14.00	
	EP*36J****	*8MPV100	TDR	33,600	0.77	11.50			14.00	
	EP*36J****	*8MPV125	TDR	33,600	0.77	11.50			14.00	
	EP*36J****	*9MPV100	TDR	33,600	0.77	11.20			13.50	
	EP*36J****	MV16J22****	TDR	33,400	0.77	11.70			14.50	
	EP*42F****		NONE	34,400	0.77	11.20				13.50
	EP*42F****	*8MPV075	TDR	34,600	0.77	11.50			14.00	
	EP*42F****	*9MPV050	TDR	34,000	0.77	11.20			13.50	
	EP*42F****	*9MPV075	TDR	34,200	0.77	11.50			14.00	
	EP*42F****	MV12F19****	TDR	34,800	0.77	11.70			14.50	
	EP*42J****		NONE	34,800	0.77	11.20				13.50
	EP*42J****	*8MPV100	TDR	34,400	0.77	11.20			13.50	
	EP*42J****	*8MPV125	TDR	34,200	0.77	11.20			13.50	
	EP*42J****	*9MPV100	TDR	34,400	0.77	11.20			13.50	
	EP*42J****	MV16J22****	TDR	34,200	0.77	11.70			14.50	
	EXX*36B****		TXV	35,000	0.77	11.20		13.50		
	EXX*36B****	*8MPV050	TDR & TXV	34,800	0.77	11.50	14.00			
	EXX*36B****	MV08B15****	TDR & TXV	35,600	0.77	11.70	14.50			
	EXX*36F****		TXV	35,000	0.77	11.20		13.50		
	EXX*36F****	*8MPV075	TDR & TXV	35,600	0.77	11.50	14.00			
	EXX*36F****	*9MPV050	TDR & TXV	34,800	0.77	11.50	14.00			
	EXX*36F****	MV12F19****	TDR & TXV	35,400	0.77	12.00	15.00			
	EXX*36J****		TXV	35,400	0.77	11.20		13.50		
	EXX*36J****	*8MPV100	TDR & TXV	35,400	0.77	12.00	15.00			
	EXX*36J****	*8MPV125	TDR & TXV	35,400	0.77	12.00	15.00			
	EXX*36J****	*9MPV100	TDR & TXV	35,400	0.77	11.70	14.50			
	EXX*36J****	MV16J22****	TDR & TXV	35,200	0.77	12.00	15.00			
	EXX*42F****		TXV	36,000	0.77	12.15		14.00		
	EXX*42F****	*8MPV075	TDR & TXV	36,000	0.77	12.55	14.50			
	EXX*42F****	*9MPV050	TDR & TXV	35,200	0.77	12.25	14.00			
	EXX*42F****	*9MPV075	TDR & TXV	35,800	0.77	12.30	14.00			
	EXX*42F****	MV12F19****	TDR & TXV	36,000	0.77	13.00	15.00			
	EXX*42J****		TXV	36,000	0.77	12.15		14.00		
	EXX*42J****	*8MPV100	TDR & TXV	35,800	0.77	12.90	15.00			
	EXX*42J****	*8MPV125	TDR & TXV	35,800	0.77	13.00	15.00			
	EXX*42J****	*9MPV100	TDR & TXV	35,800	0.77	12.70	14.50			
EXX*42J****	MV16J22****	TDR & TXV	36,600	0.77	13.25	15.00				
N4A442AKA N4A442GKA	EBP42****		TDR	39,000	0.78	11.00			13.20	
	EBP48****		TDR	40,000	0.78	11.20			13.50	
	EBV48****		TRD & TXV	41,000	0.78	12.00			15.00	
	EBV60****		TRD & TXV	41,500	0.78	12.50			15.00	
	EBXX48****		TDR & TXV	40,500	0.78	11.20	13.50			
	EL*42F****		NONE	37,000	0.78	11.20				13.50
	EL*42F****	*8MPV075	TDR	38,000	0.78	11.20			13.50	
	EL*48F****		NONE	38,500	0.78	11.20				13.50
	EL*48F****	*8MPV075	TDR	38,500	0.78	11.20			13.50	
	EL*48F****	*9MPV075	TDR	38,000	0.78	11.20			13.50	
	EMH42F****		NONE	37,000	0.78	12.00				14.50
	EMH48F****		NONE	38,500	0.78	11.20				13.50
	EP*42F****		NONE	37,000	0.78	11.20				13.50
	EP*42F****	*8MPV075	TDR	37,600	0.78	11.20			13.50	
	EP*42F****	*9MPV075	TDR	37,000	0.78	12.50			15.00	
	EP*42J****		NONE	37,600	0.78	12.00				14.50
	EP*42J****	*8MPV100	TDR	37,000	0.78	12.50			15.00	
	EP*42J****	*8MPV125	TDR	37,600	0.78	11.20			13.50	
	EP*42J****	MV16J22****	TDR	37,600	0.78	12.50			15.00	
	EP*48F****		NONE	38,500	0.78	12.50				15.00
	EP*48F****	*8MPV075	TDR	38,500	0.78	11.20			13.50	
	EP*48J****		NONE	39,000	0.78	11.20				13.50
	EP*48J****	*8MPV100	TDR	39,500	0.78	11.50			14.00	
	EP*48J****	*8MPV125	TDR	39,500	0.78	11.50			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-410A TXV	w/ field R-410A TXV+TDR
N4A442AKA N4A442GKA (continued)	EP*48J****	*9MPV100	TDR	39,000	0.78	11.20			13.50	
	EP*48J****	MV16J22****	TDR	39,500	0.78	12.00			14.50	
	EP*48L****		NONE	39,500	0.78	11.20				13.50
	EP*48L****	*9MPV125	TDR	38,500	0.78	11.20			13.50	
	EP*48N****		NONE	39,000	0.78	11.20				13.50
	EP*48N****	MV20N26****	TDR	39,500	0.78	11.50			14.00	
	EXX*42F****		TXV	39,000	0.78	11.20		13.50		
	EXX*42F****	*8MPV075	TDR & TXV	39,500	0.78	11.20	13.50			
	EXX*42F****	*9MPV075	TDR & TXV	38,500	0.78	11.50	14.00			
	EXX*42J****		TXV	39,000	0.78	11.20		13.50		
	EXX*42J****	*8MPV100	TDR & TXV	40,000	0.78	11.50	14.00			
	EXX*42J****	*8MPV125	TDR & TXV	39,500	0.78	12.50	15.00			
	EXX*42J****	*9MPV100	TDR & TXV	39,500	0.78	12.50	15.00			
	EXX*42J****	MV16J22****	TDR & TXV	40,000	0.78	12.50	15.00			
	EXX*48J****		TXV	39,500	0.78	12.50		15.00		
	EXX*48J****	*9MPV125	TDR & TXV	40,000	0.78	12.50	15.00			
	EXX*48L****		TXV	39,500	0.78	12.50		15.00		
	EXX*48L****	*9MPV125	TDR & TXV	40,000	0.78	12.50	15.00			
EXX*48N****		TXV	39,500	0.78	12.50		15.00			
EXX*48N****	MV20N26****	TDR & TXV	39,500	0.78	12.00	14.50				
N4A448AKA N4A448GKA	EBP48****		TDR	47,000	0.77	11.00			13.20	
	EBP60****		TDR	48,000	0.77	11.00			13.20	
	EBV48****		TRD & TXV	48,500	0.77	12.00			14.50	
	EBV60****		TRD & TXV	49,000	0.77	12.50			15.00	
	EL*48F****		NONE	44,500	0.77	11.00				13.20
	EL*60J****		NONE	46,500	0.77	11.00				13.20
	EL*60J****	*8MPV100	TDR	47,000	0.77	11.20			13.50	
	EL*60J****	*8MPV125	TDR	47,000	0.77	11.20			13.50	
	EL*60J****	*9MPV100	TDR	46,000	0.77	11.20			13.50	
	EL*60J****	MV16J22****	TDR	47,500	0.77	11.50			14.00	
	EMH48F****		NONE	45,000	0.77	11.00				13.20
	EP*48F****		NONE	44,500	0.77	11.00				13.20
	EP*48J****		NONE	45,500	0.77	11.00				13.20
	EP*48J****	*8MPV100	TDR	46,000	0.77	11.00			13.20	
	EP*48J****	*8MPV125	TDR	46,000	0.77	11.20			13.50	
	EP*48J****	*9MPV100	TDR	45,000	0.77	11.20			13.50	
	EP*48J****	MV16J22****	TDR	46,500	0.77	11.20			13.50	
	EP*48L****		NONE	45,500	0.77	11.00				13.20
	EP*48L****	*9MPV125	TDR	45,500	0.77	11.00			13.20	
	EP*48N****		NONE	45,500	0.77	11.00				13.20
	EP*48N****	MV20N26****	TDR	46,500	0.77	11.50			14.00	
	EP*60J****		NONE	46,500	0.77	11.00				13.20
	EP*60J****	*8MPV100	TDR	47,000	0.77	11.20			13.50	
	EP*60J****	*8MPV125	TDR	47,000	0.77	11.20			13.50	
	EP*60J****	*9MPV100	TDR	46,000	0.77	11.20			13.50	
	EP*60J****	MV16J22****	TDR	47,500	0.77	11.50			14.00	
	EP*60L****		NONE	46,500	0.77	11.00				13.20
	EP*60L****	*9MPV125	TDR	46,500	0.77	11.20			13.50	
	EP*60N****		NONE	46,500	0.77	11.00				13.20
	EP*60N****	MV20N26****	TDR	47,500	0.77	11.50			14.00	
	EXX*48J****		TXV	46,500	0.77	11.20		13.50		
	EXX*48J****	*9MPV125	TDR & TXV	46,500	0.77	11.20	13.50			
	EXX*48L****		TXV	46,500	0.77	11.20		13.50		
	EXX*48L****	*9MPV125	TDR & TXV	46,500	0.77	11.20	13.50			
	EXX*48N****		TXV	46,500	0.77	11.20		13.50		
	EXX*48N****	MV20N26****	TDR & TXV	47,500	0.77	11.50	14.00			
EXX*60L****		TXV	49,000	0.77	11.20		13.50			
EXX*60N****		TXV	49,000	0.77	11.20		13.50			
EXX*60N****	MV20N26****	TDR & TXV	49,500	0.77	12.00	14.50				

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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-410A TXV	w/ field R-410A TXV+TDR
N4A460AKA N4A460GKA	EBP60****		TDR	58,000	0.77	11.00			13.00	
	EBV60****		TRD & TXV	58,500	0.77	11.70			14.50	
	EBXX60****		TDR & TXV	59,000	0.77	11.20	13.50			
	EL*60J****		NONE	55,000	0.77	11.20				13.50
	EL*60J****	*8MPV100	TDR	55,000	0.77	11.20			13.50	
	EL*60J****	*8MPV125	TDR	55,500	0.77	11.20			13.50	
	EL*60J****	*9MPV100	TDR	53,500	0.77	11.20			13.50	
	EL*60J****	MV16J22****	TDR	56,000	0.77	11.20			13.50	
	EP*60J****		NONE	55,000	0.77	11.20				13.50
	EP*60J****	*8MPV100	TDR	55,000	0.77	11.20			13.50	
	EP*60J****	*8MPV125	TDR	55,500	0.77	11.20			13.50	
	EP*60J****	MV16J22****	TDR	56,000	0.77	11.20			13.50	
	EP*60L****		NONE	55,000	0.77	11.20				13.50
	EP*60L****	*9MPV125	TDR	55,000	0.77	11.20			13.50	
	EP*60N****		NONE	55,500	0.77	11.20				13.50
	EP*60N****	MV20N26****	TDR	56,500	0.77	11.00			13.20	
	EXX*60L****		TXV	58,000	0.77	11.50		14.00		
	EXX*60L****	*9MPV125	TDR & TXV	57,500	0.77	11.70	14.50			
EXX*60N****		TXV	58,000	0.77	11.50		14.00			
EXX*60N****	MV20N26****	TDR & TXV	59,000	0.77	11.70	14.50				

<b>OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE (single phase)</b>											
Digit Position:	1	2	3	4	5, 6	7	8	9	10	11	12
Example Part Number:	<b>N</b>	<b>4</b>	<b>A</b>	<b>4</b>	<b>18</b>	<b>A</b>	<b>K</b>	<b>A</b>	<b>1</b>	<b>0</b>	<b>0</b>
C = Comfortmaker Mainline N = Comfortmaker Entry <b>BRANDING</b>											
2 = R-22 4 = R-410A <b>REFRIGERANT</b>											
A = Air Conditioner H = Heat Pump <b>TYPE</b>											
3 = 13 SEER 4 = 14 SEER <b>NOMINAL EFFICIENCY</b>											
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 <b>NOMINAL CAPACITY</b>											
A = Standard Grille G = Coil Guard Grille C = Coastal <b>FEATURES</b>											
K = 208/230-1-60 <b>VOLTAGE</b>											
Sales Code											
Engineering Revision											
Extra Digit											
Extra Digit											

<b>ACCESSORIES PART NUMBER IDENTIFICATION GUIDE</b>									
Digit Position:	1	2	3	4	5	6, 7	8, 9	10, 11	
Example Part Number:	<b>N</b>	<b>A</b>	<b>S</b>	<b>A</b>	<b>0</b>	<b>01</b>	<b>01</b>	<b>CH</b>	
N = Non-Branded <b>BRANDING</b>									
A = Accessory <b>PRODUCT GROUP</b>									
S = Split System (AC & HP) <b>KIT USAGE</b>									
A = Original B = 2nd Generation <b>MAJOR SERIES</b>									
0 = Generic or Not Applicable									
2 = R-22 4 = R-410A <b>REFRIGERANT</b>									
Product Identifier Number									
Package Quantity									
Type of Kit (Example: CH = Crankcase Heater)									

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