TECHNICAL SUPPORT MANUAL
Split System Heat Pump
(C,H,T)2H3

Safety Labeling and Signal Words

DANGER, WARNING, CAUTION, and NOTE

The signal words **DANGER, WARNING, CAUTION,** and **NOTE** are used to identify levels of hazard seriousness. The signal word **DANGER** is only used on product labels to signify an immediate hazard. The signal words **WARNING, CAUTION,** and **NOTE** will be used on product labels and throughout this manual and other manuals that may apply to the product.

DANGER − Immediate hazards which **will** result in severe personal injury or death.

WARNING − Hazards or unsafe practices which **could** result in severe personal injury or death.

CAUTION − Hazards or unsafe practices which **may** result in minor personal injury or product or property damage.

NOTE − Used to highlight suggestions which **will** result in enhanced installation, reliability, or operation.

Signal Words in Manuals

The signal word **WARNING** is used throughout this manual in the following manner:

⚠ WARNING

The signal word **CAUTION** is used throughout this manual in the following manner:

⚠ CAUTION

Signal Words on Product Labeling

Signal words are used in combination with colors and/or pictures on product labels.

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MODELS

C2H318GKD200	H2H318GKD200	T2H318GKD200
C2H324GKD200	H2H324GKD200	T2H324GKD200
C2H330GKD200	H2H330GKD200	T2H330GKD200
C2H336GKD200	H2H336GKD200	T2H336GKD200
C2H342GKD200	H2H342GKD200	T2H342GKD200
C2H348GKD200	H2H348GKD200	T2H348GKD200
C2H360GKD300	H2H360GKD300	T2H360GKD300

⚠ WARNING

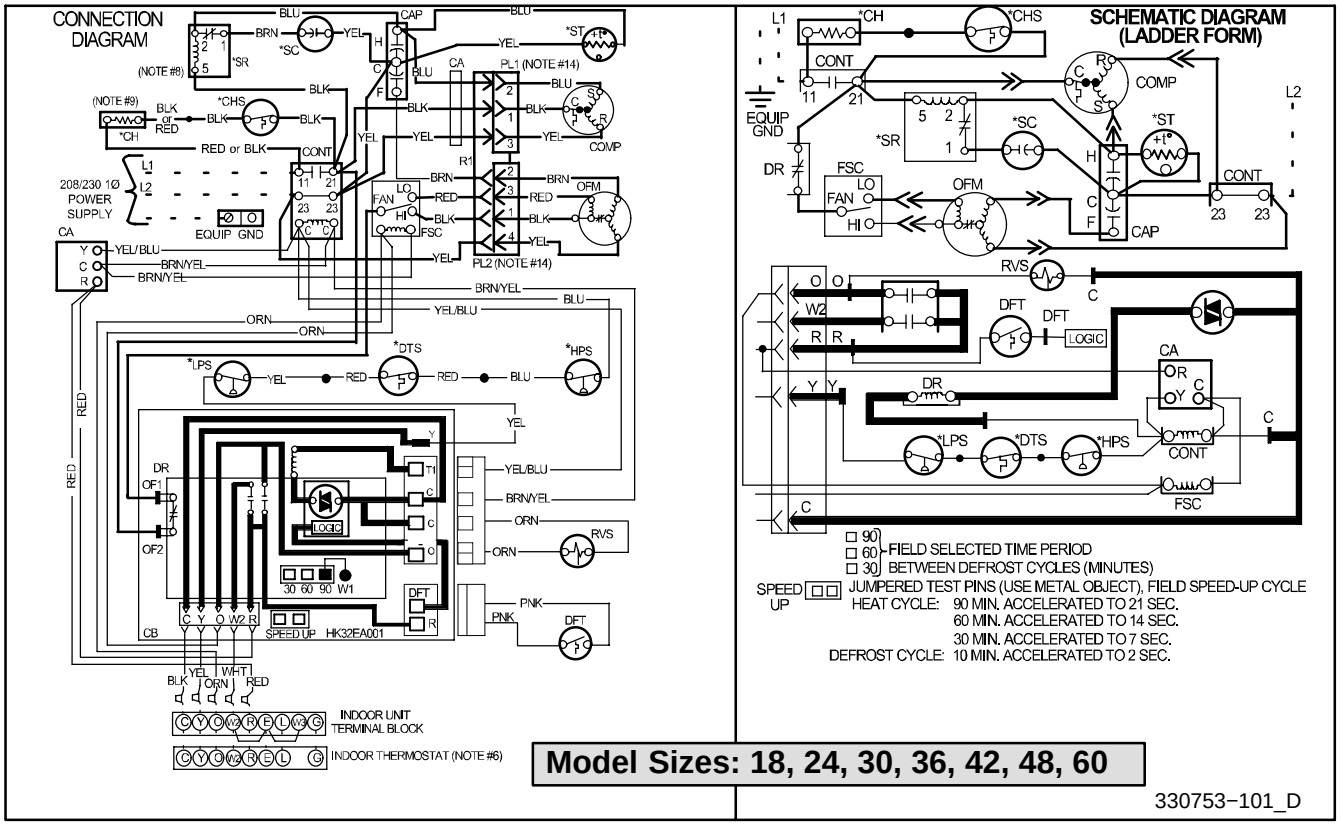
DEATH, PERSONAL INJURY, AND/OR PROPERTY DAMAGE HAZARD

Failure to carefully read and follow this warning could result in equipment malfunction, property damage, personal injury and/or death.

Installation or repairs made by unqualified persons could result in equipment malfunction, property damage, personal injury and/or death.

The information contained in this manual is intended for use by a qualified service technician familiar with safety procedures and equipped with the proper tools and test instruments.

Installation must conform with local building codes and with the National Electrical Code NFPA70 current edition or Canadian Electrical Code Part 1 CSA C.22.1.



Model Sizes: 18, 24, 30, 36, 42, 48, 60

330753-101_D

-LEGEND-

- FACTORY POWER WIRING
- FACTORY CONTROL WIRING
- FIELD CONTROL WIRING
- FIELD POWER WIRING
- CONDUCTOR ON CIRCUIT BOARD
- COMPONENT CONNECTION
- FIELD SPLICE
- JUNCTION
- PLUG RECEPTACLE

CA	COMFORT ALERT
CAP	CAPACITOR (DUAL RUN)
CB	CIRCUIT BOARD
*CH	CRANKCASE HEATER
*CHS	CRANKCASE HEATER SWITCH
COMP	COMPRESSOR
CONT	CONTACTOR
DFT	DEFROST THERMOSTAT
DR	DEFROST RELAY AND CIRCUITRY
*DTS	DISCHARGE TEMP SWITCH
FSC	FAN SPEED CONTROL
*HPS	HIGH PRESSURE SWITCH
*LLS	LIQ LINE SOLENOID VALVE
*LPS	LOW PRESSURE SWITCH
OFM	OUTDOOR FAN MOTOR
PL1	COMPRESSOR PLUG
PL2	OUTDOOR FAN PLUG
R1	RECEPTACLE
RVS	REVERSING VALVE SOLENOID
*SC	START CAPICATOR
*SR	START RELAY
*ST	START THERMISTOR

*** MAY BE FACTORY INSTALLED**

NOTES:

1. Symbols are electrical representation only.
2. Compressor and fan motor furnished with inherent thermal protection.
3. To be wired in accordance with National Electric N.E.C. and local codes.
4. N.E.C. class 2, 24 V circuit, min. 40 VA required, 60 VA on units installed with LLS.
5. Use copper conductors only. Use conductors suitable for at least 75ºC (167ºF).
6. Must use thermostat and sub-base as stated in pre-sale literature.
7. If indoor section has a transformer with a grounded secondary, connect the grounded side to the BRN/YEL lead.
8. When start relay and start capacitor are installed, start thermistor is not used.
9. If any of the original wire, as supplied, must be replaced, use the same or equivalent wire.
10. Check all electrical connections inside control box for tightness.
11. Do not attempt to operate unit until service valves have been opened.
12. Do not rapid cycle compressor. Compressor must be off 3 minutes to allow pressures to equalize between high and low side before starting.
13. Not for interrupting current.

R−22 CHARGING CHART								
Measured Liquid Pressure (psig)	Rating Plate (required) Subcooling Temperature °F (°C)							
	°F **5**	(°C) **3**	°F **10**	(°C) **6**	°F **15**	(°C) **8**	°F **20**	(°C) **11**
	R−22 Required Liquid Line Temperature °F (°C)							
163	83	28	78	26	73	23	68	20
171	86	30	81	27	76	24	71	22
179	89	32	84	29	79	26	74	23
187	92	33	87	31	82	28	77	25
196	95	35	90	32	85	29	80	27
205	98	37	93	34	88	31	83	28
214	101	38	96	36	91	33	86	30
223	104	40	99	37	94	34	89	32
233	107	42	102	39	97	36	92	33
243	110	43	105	41	100	38	95	35
253	113	45	108	42	103	39	98	37
264	116	47	111	44	106	41	101	38
274	119	48	114	46	109	43	104	40
285	122	50	117	47	112	44	107	42
297	125	52	120	49	115	46	110	43
309	128	53	123	51	118	48	113	45

MULTIPLYING FACTORS

(Refer to pages 6−12)

† Total capacities are net (I.D. blower heat subtracted) system capacities based on 25’ line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

†† At TVA rating indoor condition (75 °F db, 63 °F wb), all other indoor air temperatures are at 80 °F db
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps.

‡ Chart data is for 80° F indoor dry bulb. For indoor db temperatures other than 80° F, measure Indoor db and Indoor CFM, and plug these into the formula below. Measure outdoor db and indoor wet bulb, apply these to the chart above, find MBh and S/T, and plug these into the formula below. (Note: if indoor db is the only thing changing, total capacity, MBh, stays the same.)

$$\text{Sensible Capacity at Indoor db LOWER than 80 °F} = (\text{MBh} \times \text{S/T}) - \left(\frac{(80 - \text{Indoor db}) \times 835 \times \text{Indoor CFM}}{1000} \right)$$

$$\text{Sensible Capacity at Indoor db HIGHER than 80 °F} = (\text{MBh} \times \text{S/T}) + \left(\frac{(\text{Indoor db} - 80) \times 835 \times \text{Indoor CFM}}{1000} \right)$$

COOLING		18 Size Outdoor With FS(M,U)2X18 Indoor Cooling																								
		Outdoor Ambient Temperature − Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature − Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
525	MBh†	20.06	18.25	16.94	16.64	16.16	19.34	17.57	16.28	16.00	15.64	18.59	16.85	15.59	15.35	15.10	17.79	16.09	14.88	14.67	14.53	16.96	15.30	14.13	13.95	13.94
	S/T‡	0.52	0.71	0.73	0.92	1.00	0.52	0.72	0.75	0.94	1.00	0.53	0.73	0.76	0.96	1.00	0.53	0.74	0.77	0.98	1.00	0.54	0.76	0.79	1.00	1.00
	AMPS*	5.19	5.17	5.15	5.15	5.15	5.79	5.76	5.75	5.74	5.74	6.45	6.43	6.41	6.40	6.40	7.19	7.16	7.14	7.14	7.13	8.01	7.97	7.94	7.94	7.94
	HI PR	162	160	159	159	159	189	188	186	186	186	220	217	216	216	215	253	250	249	248	248	289	287	285	284	284
	LO PR	86	78	72	71	69	88	80	74	73	71	89	81	75	74	73	90	82	76	75	75	92	84	78	77	77
600	MBh†	20.39	18.55	17.22	16.98	16.75	19.65	17.84	16.55	16.34	16.21	18.87	17.10	15.84	15.66	15.64	18.05	16.32	15.09	15.04	15.04	17.19	15.51	14.32	14.41	14.42
	S/T‡	0.53	0.74	0.76	0.96	1.00	0.54	0.75	0.78	0.98	1.00	0.54	0.76	0.79	1.00	1.00	0.55	0.78	0.81	1.00	1.00	0.56	0.80	0.83	1.00	1.00
	AMPS*	5.32	5.30	5.28	5.28	5.28	5.91	5.89	5.88	5.87	5.87	6.58	6.56	6.54	6.53	6.53	7.32	7.29	7.27	7.27	7.27	8.14	8.10	8.07	8.08	8.08
	HI PR	163	161	160	159	159	190	188	187	186	186	220	218	216	216	216	253	251	249	249	249	290	287	285	285	285
	LO PR	88	80	74	73	72	89	81	75	75	74	91	83	76	76	76	92	84	78	78	78	94	85	79	80	80
675	MBh†	20.63	18.77	17.44	17.27	17.24	19.87	18.05	16.74	16.67	16.68	19.07	17.28	16.01	16.08	16.08	18.23	16.49	15.25	15.46	15.46	17.35	15.66	14.47	14.80	14.81
	S/T‡	0.54	0.77	0.80	1.00	1.00	0.55	0.78	0.81	1.00	1.00	0.56	0.80	0.83	1.00	1.00	0.57	0.82	0.84	1.00	1.00	0.58	0.84	0.87	1.00	1.00
	AMPS*	5.44	5.42	5.41	5.41	5.41	6.04	6.02	6.00	6.00	6.00	6.71	6.68	6.66	6.67	6.67	7.45	7.42	7.40	7.40	7.40	8.26	8.23	8.20	8.21	8.21
	HI PR	163	161	160	160	160	190	188	187	187	187	220	218	217	217	217	254	251	250	250	250	290	288	286	286	286
	LO PR	90	82	76	75	75	91	83	77	77	77	92	84	78	78	78	94	85	79	80	80	95	87	80	82	82

HEATING		18 Size Outdoor With FS(M,U)2X18 Indoor Heating																								
		Outdoor Ambient Temperature − Degrees F, Dry Bulb																								
		−3			7			17			27			37			47			57			67			
		Entering Indoor Temperature − Degrees F, Dry Bulb																								
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	
525	MBh†	9.66	9.43	9.19	12.20	11.94	11.68	15.14	14.84	14.53	17.80	17.79	17.67	18.43	19.11	19.47	17.95	18.81	19.53	17.03	18.21	19.14	15.87	17.62	18.57	
	T/R	13.50	13.30	13.00	17.10	16.90	16.70	21.40	21.20	20.90	25.40	25.60	25.70	26.30	27.60	28.40	25.60	27.20	28.50	24.20	26.20	27.90	22.50	25.40	27.00	
	AMPS*	5.43	5.69	5.96	5.69	5.96	6.25	5.99	6.28	6.58	6.27	6.60	6.94	6.34	6.76	7.18	6.27	6.71	7.16	6.16	6.62	7.09	6.02	6.53	6.99	
	HI PR	141	152	163	150	162	174	162	174	186	174	187	201	177	194	210	174	191	210	169	188	207	163	184	203	
	LO PR	18	18	18	25	25	25	33	33	33	40	41	42	42	45	47	40	43	47	37	41	45	33	39	43	
600	MBh†	9.85	9.62	9.38	12.42	12.15	11.89	15.39	15.10	14.78	17.70	17.82	17.81	17.72	18.44	19.06	17.05	18.00	18.78	16.00	17.34	18.15	14.42	16.32	17.76	
	T/R	12.00	11.80	11.60	15.20	15.00	14.80	19.00	18.80	18.50	21.90	22.30	22.50	22.00	23.10	24.20	21.10	22.50	23.80	19.80	21.70	23.00	17.70	20.40	22.40	
	AMPS*	5.51	5.76	6.03	5.73	6.01	6.29	6.01	6.29	6.59	6.23	6.56	6.90	6.23	6.63	7.05	6.15	6.57	7.00	6.05	6.49	6.92	5.89	6.37	6.85	
	HI PR	138	149	160	147	158	170	157	169	181	166	180	193	166	183	200	163	180	197	158	177	194	152	172	191	
	LO PR	18	18	18	25	25	25	33	33	33	39	40	42	39	42	45	36	40	43	33	38	41	28	34	39	
675	MBh†	10.02	9.79	9.55	12.62	12.35	12.08	15.62	15.32	15.00	17.60	17.80	17.87	17.01	17.96	18.61	16.40	17.40	18.22	15.20	16.62	17.74	13.52	15.45	16.92	
	T/R	10.80	10.70	10.50	13.70	13.50	13.40	17.10	16.90	16.70	19.30	19.70	20.00	18.60	19.90	20.80	18.00	19.30	20.40	16.60	18.40	19.80	14.70	17.00	18.90	
	AMPS*	5.59	5.85	6.12	5.80	6.07	6.36	6.06	6.33	6.62	6.23	6.56	6.90	6.17	6.58	6.98	6.12	6.52	6.93	6.01	6.44	6.87	5.87	6.32	6.78	
	HI PR	136	147	158	144	155	167	154	165	177	161	174	188	158	175	191	156	172	189	151	169	186	145	164	182	
	LO PR	18	18	18	25	25	25	33	33	33	38	40	41	36	40	43	34	38	41	30	35	39	25	31	36	

COOLING		24 Size Outdoor With FS(M,U)2X24 Indoor Cooling																								
		Outdoor Ambient Temperature − Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature − Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
700	MBh†	26.55	24.11	22.37	22.00	21.50	25.58	23.20	21.51	21.18	20.82	24.57	22.26	20.61	20.32	20.11	23.52	21.27	19.67	19.44	19.36	22.41	20.24	18.69	18.57	18.57
	S/T‡	0.52	0.71	0.74	0.94	1.00	0.52	0.72	0.75	0.95	1.00	0.53	0.74	0.77	0.97	1.00	0.54	0.75	0.78	0.99	1.00	0.55	0.77	0.80	1.00	1.00
	AMPS*	7.34	7.28	7.24	7.23	7.22	8.15	8.09	8.04	8.03	8.02	9.06	8.99	8.94	8.93	8.92	10.06	9.98	9.93	9.92	9.91	11.16	11.07	11.00	11.00	11.00
	HI PR	171	169	167	167	166	200	197	195	195	194	231	228	225	225	225	265	262	259	259	259	302	299	296	296	296
	LO PR	87	79	73	72	70	88	80	74	73	72	90	81	75	75	74	91	83	77	76	76	92	84	78	78	78
800	MBh†	27.00	24.52	22.75	22.48	22.30	25.99	23.58	21.86	21.64	21.59	24.95	22.60	20.93	20.83	20.83	23.86	21.58	19.97	20.04	20.05	22.71	20.51	18.95	19.21	19.21
	S/T‡	0.53	0.75	0.77	0.98	1.00	0.54	0.76	0.79	0.99	1.00	0.55	0.77	0.80	1.00	1.00	0.56	0.79	0.82	1.00	1.00	0.57	0.81	0.84	1.00	1.00
	AMPS*	7.52	7.45	7.41	7.40	7.40	8.33	8.26	8.21	8.20	8.21	9.23	9.16	9.11	9.11	9.11	10.24	10.16	10.10	10.10	10.10	11.33	11.24	11.17	11.19	11.19
	HI PR	172	170	168	168	167	200	197	195	195	195	231	228	226	226	226	266	262	260	260	260	303	299	297	297	297
	LO PR	89	81	75	74	74	90	82	76	75	75	92	83	77	77	77	93	84	78	79	79	94	86	79	81	81
900	MBh†	27.33	24.82	23.03	22.97	22.97	26.29	23.85	22.12	22.22	22.22	25.22	22.85	21.17	21.43	21.44	24.10	21.81	20.18	20.61	20.61	22.93	20.72	19.15	19.74	19.75
	S/T‡	0.55	0.78	0.81	1.00	1.00	0.56	0.79	0.82	1.00	1.00	0.57	0.81	0.84	1.00	1.00	0.58	0.83	0.86	1.00	1.00	0.59	0.85	0.88	1.00	1.00
	AMPS*	7.69	7.62	7.57	7.57	7.57	8.49	8.43	8.38	8.38	8.38	9.40	9.33	9.28	9.29	9.29	10.40	10.32	10.27	10.28	10.28	11.50	11.41	11.35	11.37	11.37
	HI PR	172	170	168	168	168	201	198	196	196	196	232	229	227	227	227	266	263	260	261	261	304	300	297	298	298
	LO PR	91	83	76	76	76	92	84	77	78	78	93	85	78	80	80	94	86	79	81	81	95	87	81	83	83

HEATING		24 Size Outdoor With FS(M,U)2X24 Indoor Heating																								
		Outdoor Ambient Temperature − Degrees F, Dry Bulb																								
		-3			7			17			27			37			47			57			67			
		Entering Indoor Temperature − Degrees F, Dry Bulb																								
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	
700	MBh†	9.96	9.70	9.40	12.42	12.19	11.93	15.20	14.92	14.65	18.29	18.01	17.71	21.61	21.41	21.10	24.08	24.16	24.24	26.42	26.65	26.78	26.97	28.10	29.06	
	T/R	13.70	13.40	13.10	17.20	17.00	16.80	21.20	21.00	20.70	25.70	25.50	25.30	30.60	30.60	30.40	34.30	34.80	35.20	37.90	38.60	39.20	38.80	40.90	42.80	
	AMPS*	6.57	6.85	7.12	6.87	7.19	7.50	7.20	7.54	7.88	7.62	7.97	8.34	8.06	8.50	8.88	8.41	8.86	9.33	8.79	9.28	9.77	8.85	9.51	10.18	
	HI PR	139	150	161	148	159	171	158	170	182	172	184	196	187	202	215	199	214	230	212	229	245	214	237	259	
	LO PR	17	17	17	24	24	24	32	32	32	40	40	41	50	50	50	57	58	60	63	65	67	65	69	73	
800	MBh†	10.14	9.88	9.59	12.62	12.38	12.13	15.43	15.15	14.88	18.54	18.26	17.96	21.54	21.54	21.36	23.60	23.80	23.92	24.52	25.64	26.17	23.37	25.56	26.68	
	T/R	12.20	11.90	11.70	15.20	15.10	14.90	18.70	18.50	18.40	22.70	22.50	22.30	26.50	26.70	26.80	29.20	29.70	30.20	30.40	32.10	33.20	28.90	32.00	33.90	
	AMPS*	6.66	6.94	7.21	6.93	7.24	7.56	7.23	7.56	7.90	7.61	7.96	8.31	7.96	8.36	8.80	8.25	8.69	9.14	8.37	8.97	9.50	8.19	8.93	9.56	
	HI PR	137	147	159	144	156	167	154	165	177	166	178	190	178	192	206	188	203	218	193	213	231	186	211	233	
	LO PR	17	17	17	24	24	24	31	32	32	40	40	41	49	50	50	54	56	58	57	61	64	53	61	65	
900	MBh†	10.31	10.05	9.76	12.80	12.56	12.31	15.63	15.36	15.08	18.77	18.48	18.18	21.32	21.47	21.48	23.08	23.41	23.62	22.88	24.03	25.00	22.24	23.70	24.91	
	T/R	11.00	10.80	10.60	13.70	13.50	13.40	16.80	16.60	16.50	20.30	20.20	20.00	23.20	23.60	23.80	25.20	25.80	26.30	25.00	26.50	27.90	24.20	26.10	27.80	
	AMPS*	6.76	7.05	7.33	7.01	7.32	7.64	7.28	7.61	7.95	7.65	7.98	8.33	7.92	8.33	8.74	8.16	8.60	9.04	8.12	8.68	9.25	8.04	8.62	9.21	
	HI PR	135	145	156	142	153	164	150	161	173	162	174	186	172	185	199	180	195	210	179	197	217	175	195	215	
	LO PR	17	17	17	24	24	24	31	32	32	40	40	40	47	49	50	52	54	56	51	56	60	49	54	59	

COOLING		30 Size Outdoor With FEM2X30 Indoor Cooling																								
		Outdoor Ambient Temperature − Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature − Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
875	MBh†	34.30	31.31	29.13	28.65	27.77	33.02	30.12	28.00	27.56	26.88	31.74	28.92	26.85	26.46	25.97	30.40	27.66	25.65	25.31	25.01	29.00	26.33	24.38	24.13	24.00
	S/T‡	0.52	0.70	0.73	0.91	1.00	0.52	0.71	0.74	0.93	1.00	0.53	0.72	0.75	0.94	1.00	0.53	0.74	0.76	0.96	1.00	0.54	0.75	0.78	0.98	1.00
	AMPS*	8.93	8.94	8.96	8.96	8.97	10.05	10.07	10.09	10.09	10.09	11.32	11.33	11.34	11.34	11.34	12.72	12.72	12.72	12.72	12.72	14.25	14.23	14.22	14.21	14.21
	HI PR	177	174	173	172	171	206	203	201	201	200	238	235	233	232	232	273	270	267	267	266	311	308	305	304	304
	LO PR	87	79	73	72	69	88	80	74	73	71	90	81	75	74	73	91	83	77	76	75	92	84	78	77	77
1000	MBh†	34.91	31.88	29.68	29.28	28.82	33.58	30.64	28.51	28.17	27.89	32.26	29.40	27.32	27.07	26.93	30.88	28.10	26.08	25.94	25.93	29.42	26.73	24.78	24.86	24.87
	S/T‡	0.53	0.73	0.76	0.95	1.00	0.54	0.74	0.77	0.96	1.00	0.54	0.76	0.78	0.98	1.00	0.55	0.77	0.80	1.00	1.00	0.56	0.79	0.82	1.00	1.00
	AMPS*	9.05	9.06	9.08	9.08	9.09	10.17	10.19	10.21	10.21	10.21	11.45	11.46	11.47	11.46	11.46	12.84	12.85	12.85	12.85	12.84	14.37	14.36	14.35	14.34	14.34
	HI PR	177	175	173	173	173	206	204	202	201	201	239	236	233	233	233	274	270	268	268	268	312	308	305	306	306
	LO PR	89	81	75	74	73	90	82	76	75	74	92	83	77	76	76	93	84	78	78	78	94	86	79	80	80
1125	MBh†	35.38	32.33	30.11	29.85	29.71	34.01	31.05	28.91	28.75	28.73	32.65	29.78	27.69	27.73	27.73	31.24	28.44	26.42	26.68	26.68	29.74	27.05	25.09	25.57	25.58
	S/T‡	0.54	0.76	0.79	0.98	1.00	0.55	0.77	0.80	1.00	1.00	0.56	0.79	0.81	1.00	1.00	0.57	0.81	0.83	1.00	1.00	0.58	0.83	0.85	1.00	1.00
	AMPS*	9.17	9.18	9.20	9.20	9.20	10.30	10.31	10.33	10.33	10.33	11.57	11.58	11.59	11.58	11.58	12.97	12.97	12.97	12.97	12.97	14.49	14.48	14.47	14.48	14.48
	HI PR	178	175	174	173	173	207	204	202	202	202	239	236	234	234	234	274	271	268	269	269	313	309	306	307	307
	LO PR	91	83	76	76	75	92	84	77	77	77	93	85	78	79	79	94	86	80	81	81	96	87	81	83	83

HEATING		30 Size Outdoor With FEM2X30 Indoor Heating																								
		Outdoor Ambient Temperature − Degrees F, Dry Bulb																								
		-3			7			17			27			37			47			57			67			
		Entering Indoor Temperature − Degrees F, Dry Bulb																								
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	
875	MBh†	11.46	11.09	10.71	14.39	14.07	13.73	17.50	17.22	16.91	20.88	20.57	20.29	24.62	24.29	23.95	28.18	28.09	27.90	31.36	31.34	31.28	34.55	34.61	34.62	
	T/R	13.00	12.70	12.40	16.40	16.20	15.90	20.10	20.00	19.80	24.20	24.00	23.90	28.70	28.60	28.40	33.20	33.30	33.40	37.20	37.50	37.80	41.20	41.70	42.10	
	AMPS*	8.19	8.55	8.91	8.53	8.93	9.34	8.86	9.31	9.76	9.23	9.70	10.19	9.72	10.21	10.72	10.05	10.62	11.22	10.47	11.06	11.67	10.92	11.56	12.21	
	HI PR	140	151	162	149	160	172	159	171	184	172	184	197	187	200	213	199	214	229	214	229	245	229	245	262	
	LO PR	15	16	16	22	22	22	29	29	29	37	37	37	46	46	46	54	55	56	62	63	64	70	71	73	
1000	MBh†	11.63	11.27	10.89	14.57	14.26	13.92	17.70	17.41	17.12	21.11	20.80	20.51	24.86	24.56	24.23	28.01	28.00	28.00	30.96	31.04	31.05	33.74	33.98	34.11	
	T/R	11.50	11.20	11.00	14.50	14.30	14.10	17.70	17.60	17.40	21.30	21.10	21.00	25.20	25.10	25.00	28.60	28.90	29.10	31.80	32.20	32.50	34.80	35.40	35.90	
	AMPS*	8.23	8.59	8.95	8.52	8.93	9.34	8.80	9.25	9.71	9.13	9.59	10.08	9.55	10.06	10.56	9.80	10.35	10.93	10.14	10.72	11.32	10.49	11.11	11.75	
	HI PR	138	148	159	146	157	169	155	167	179	166	178	190	180	193	206	190	204	219	202	217	232	213	230	246	
	LO PR	15	16	16	22	22	22	29	29	29	37	37	37	46	46	46	53	54	55	60	61	63	66	68	70	
1125	MBh†	11.78	11.43	11.05	14.73	14.42	14.09	17.87	17.59	17.30	21.31	21.00	20.70	25.03	24.77	24.46	27.80	27.87	27.94	30.49	30.68	30.78	31.91	32.94	33.54	
	T/R	10.30	10.10	9.90	13.00	12.80	12.60	15.80	15.70	15.60	19.00	18.90	18.80	22.50	22.40	22.30	25.10	25.40	25.70	27.60	28.10	28.40	29.00	30.30	31.10	
	AMPS*	8.28	8.64	9.01	8.54	8.95	9.37	8.79	9.23	9.69	9.09	9.54	10.02	9.41	9.96	10.47	9.65	10.19	10.74	9.93	10.50	11.09	10.08	10.77	11.44	
	HI PR	136	146	157	143	154	166	151	163	175	162	173	186	173	187	200	182	196	211	193	207	223	198	217	235	
	LO PR	15	15	16	21	22	22	29	29	29	36	37	37	45	46	46	52	53	54	58	60	61	61	65	68	

COOLING		36 Size Outdoor With FEM2X35**** Indoor Cooling																								
		Outdoor Ambient Temperature − Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature − Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
1050	MBh†	40.79	37.05	34.37	33.83	32.99	39.30	35.66	33.06	32.58	31.96	37.76	34.23	31.71	31.29	30.89	36.15	32.74	30.29	29.97	29.76	34.47	31.18	28.82	28.60	28.58
	S/T‡	0.51	0.70	0.73	0.91	1.00	0.52	0.71	0.74	0.93	1.00	0.52	0.72	0.75	0.94	1.00	0.53	0.74	0.76	0.96	1.00	0.54	0.75	0.78	1.00	1.00
	AMPS*	11.32	11.24	11.18	11.17	11.15	12.56	12.47	12.40	12.39	12.38	13.93	13.84	13.76	13.75	13.74	15.45	15.34	15.26	15.25	15.24	17.10	16.98	16.89	16.88	16.88
	HI PR	174	172	170	170	169	203	200	198	198	197	235	232	229	229	229	269	266	263	263	263	307	303	301	300	300
	LO PR	83	75	69	68	67	84	76	71	70	68	86	78	72	71	70	87	79	73	73	72	88	80	74	74	74
1200	MBh†	41.52	37.72	35.01	34.60	34.24	39.98	36.28	33.65	33.34	33.16	38.38	34.80	32.25	32.04	32.02	36.72	33.26	30.79	30.84	30.84	34.99	31.65	29.28	29.59	29.60
	S/T‡	0.53	0.73	0.76	0.95	1.00	0.53	0.74	0.77	0.96	1.00	0.54	0.76	0.78	1.00	1.00	0.55	0.77	0.80	1.00	1.00	0.56	0.79	0.82	1.00	1.00
	AMPS*	11.50	11.41	11.35	11.34	11.33	12.73	12.64	12.57	12.57	12.56	14.11	14.01	13.94	13.93	13.93	15.62	15.52	15.44	15.44	15.44	17.28	17.16	17.07	17.08	17.08
	HI PR	174	172	170	170	170	203	201	199	199	198	235	232	230	230	230	270	267	264	264	264	308	304	301	302	302
	LO PR	85	77	71	70	70	86	78	72	72	71	87	79	73	73	73	89	81	75	75	75	90	82	76	77	77
1350	MBh†	42.11	38.26	35.51	35.32	35.29	40.51	36.78	34.13	34.15	34.16	38.87	35.26	32.69	32.97	32.98	37.16	33.68	31.20	31.73	31.74	35.38	32.03	29.65	30.44	30.44
	S/T‡	0.54	0.76	0.79	1.00	1.00	0.55	0.77	0.80	1.00	1.00	0.56	0.79	0.82	1.00	1.00	0.57	0.81	0.83	1.00	1.00	0.58	0.83	0.86	1.00	1.00
	AMPS*	11.67	11.58	11.52	11.52	11.51	12.90	12.81	12.74	12.75	12.75	14.28	14.18	14.11	14.12	14.12	15.80	15.69	15.61	15.63	15.63	17.45	17.33	17.24	17.27	17.27
	HI PR	175	173	171	171	171	204	201	199	199	199	236	233	230	231	231	271	267	265	265	265	308	305	302	303	303
	LO PR	86	78	72	72	72	88	80	74	74	74	89	81	75	76	76	90	82	76	77	77	91	83	77	79	79

HEATING		36 Size Outdoor With FEM2X35**** Indoor Heating																								
		Outdoor Ambient Temperature − Degrees F, Dry Bulb																								
		-3			7			17			27			37			47			57			67			
		Entering Indoor Temperature − Degrees F, Dry Bulb																								
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	
1050	MBh†	15.15	14.82	14.48	18.68	18.37	18.06	22.65	22.32	21.97	27.08	26.72	26.35	31.39	31.41	31.17	34.66	34.84	34.92	37.23	38.34	38.57	37.63	38.99	40.31	
	T/R	13.70	13.50	13.30	17.00	16.90	16.70	20.80	20.60	20.50	25.00	24.90	24.80	29.20	29.50	29.50	32.40	32.90	33.30	35.00	36.50	37.00	35.40	37.10	38.80	
	AMPS*	9.69	10.10	10.52	10.12	10.58	11.05	10.66	11.13	11.61	11.35	11.84	12.36	11.89	12.50	13.14	12.44	13.08	13.73	12.87	13.72	14.44	12.89	13.79	14.74	
	HI PR	142	153	165	151	163	175	163	175	187	179	191	204	193	207	222	206	221	237	217	237	254	218	239	262	
	LO PR	15	15	16	21	22	22	29	29	29	37	37	37	45	46	47	51	52	54	55	59	60	56	60	63	
1200	MBh†	15.34	15.02	14.67	18.90	18.58	18.27	22.89	22.56	22.21	27.38	26.99	26.63	30.94	31.13	31.21	33.90	34.20	34.42	34.44	35.79	37.08	34.46	36.06	37.46	
	T/R	12.10	12.00	11.80	15.00	14.90	14.80	18.30	18.20	18.00	22.00	21.90	21.80	25.00	25.40	25.70	27.50	28.00	28.50	28.00	29.40	30.80	28.00	29.70	31.20	
	AMPS*	9.73	10.15	10.57	10.12	10.58	11.05	10.63	11.09	11.57	11.30	11.77	12.28	11.69	12.28	12.90	12.16	12.79	13.44	12.22	13.04	13.90	12.19	13.04	13.92	
	HI PR	139	150	162	147	159	171	159	170	182	174	186	198	184	198	213	196	211	226	198	217	238	197	217	238	
	LO PR	15	15	16	21	22	22	29	29	29	37	37	37	43	45	46	49	50	52	49	53	57	49	53	57	
1350	MBh†	15.49	15.19	14.85	19.09	18.76	18.46	23.12	22.78	22.43	27.54	27.24	26.86	30.55	30.78	30.97	32.37	33.59	33.91	32.34	33.82	35.08	32.11	33.85	35.31	
	T/R	10.80	10.70	10.60	13.40	13.30	13.20	16.30	16.30	16.10	19.60	19.60	19.50	21.80	22.20	22.60	23.20	24.30	24.80	23.20	24.50	25.70	23.00	24.50	25.90	
	AMPS*	9.80	10.22	10.64	10.16	10.61	11.08	10.65	11.10	11.57	11.20	11.77	12.26	11.59	12.16	12.76	11.85	12.61	13.25	11.83	12.62	13.42	11.79	12.60	13.43	
	HI PR	137	148	160	144	156	168	155	167	178	168	182	194	178	192	206	185	203	218	184	203	223	183	203	223	
	LO PR	15	15	15	21	22	22	29	29	29	37	37	37	42	43	45	45	49	50	45	49	52	44	48	52	

COOLING		42 Size Outdoor With FEM2X42**** Indoor Cooling																								
		Outdoor Ambient Temperature − Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature − Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
1225	MBh†	47.89	43.67	40.52	39.80	38.55	46.11	42.01	38.96	38.30	37.34	44.30	40.32	37.37	36.76	36.08	42.43	38.58	35.74	35.21	34.80	40.52	36.81	34.08	33.65	33.48
	S/T‡	0.51	0.69	0.72	0.90	1.00	0.52	0.70	0.73	0.92	1.00	0.52	0.72	0.74	0.94	1.00	0.53	0.73	0.76	0.95	1.00	0.53	0.74	0.77	0.97	1.00
	AMPS*	13.55	13.43	13.34	13.32	13.28	14.89	14.77	14.67	14.65	14.62	16.41	16.27	16.16	16.14	16.12	18.08	17.93	17.82	17.80	17.79	19.94	19.79	19.67	19.65	19.65
	HI PR	173	171	169	169	168	202	199	197	197	196	233	230	228	228	227	268	264	262	261	261	305	302	299	298	298
	LO PR	87	79	73	72	69	88	80	74	73	71	89	81	75	74	73	91	83	76	76	75	92	84	78	77	77
1400	MBh†	48.75	44.48	41.31	40.70	40.06	46.90	42.76	39.69	39.16	38.77	45.02	41.00	38.03	37.61	37.45	43.09	39.20	36.34	36.10	36.09	41.10	37.37	34.63	34.69	34.69
	S/T‡	0.52	0.72	0.75	0.94	1.00	0.53	0.73	0.76	0.96	1.00	0.54	0.75	0.78	0.98	1.00	0.54	0.76	0.79	1.00	1.00	0.55	0.78	0.81	1.00	1.00
	AMPS*	13.79	13.66	13.57	13.56	13.54	15.13	15.00	14.91	14.89	14.88	16.64	16.50	16.40	16.39	16.38	18.32	18.17	18.06	18.05	18.05	20.18	20.03	19.91	19.91	19.91
	HI PR	173	171	169	169	169	202	200	198	197	197	234	231	229	228	228	269	265	262	262	262	306	302	300	300	300
	LO PR	89	81	75	74	73	90	82	76	75	74	91	83	77	76	76	92	84	78	78	78	94	86	79	80	80
1575	MBh†	49.39	45.08	41.92	41.51	41.33	47.48	43.31	40.25	39.99	39.98	45.56	41.51	38.54	38.58	38.59	43.58	39.66	36.80	37.16	37.16	41.53	37.78	35.04	35.69	35.70
	S/T‡	0.54	0.75	0.78	0.98	1.00	0.55	0.77	0.79	1.00	1.00	0.55	0.78	0.81	1.00	1.00	0.56	0.80	0.83	1.00	1.00	0.57	0.82	0.84	1.00	1.00
	AMPS*	14.02	13.89	13.80	13.79	13.79	15.36	15.23	15.13	15.13	15.13	16.88	16.74	16.63	16.63	16.63	18.55	18.40	18.29	18.31	18.31	20.41	20.25	20.13	20.17	20.17
	HI PR	174	172	170	170	170	203	200	198	198	198	235	231	229	229	229	269	266	263	263	263	307	303	300	301	301
	LO PR	90	82	76	76	75	92	84	77	77	77	93	85	78	79	79	94	86	79	80	81	95	87	81	82	82

HEATING		42 Size Outdoor With FEM2X42**** Indoor Heating																							
		Outdoor Ambient Temperature − Degrees F, Dry Bulb																							
		−3			7			17			27			37			47			57			67		
		Entering Indoor Temperature − Degrees F, Dry Bulb																							
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
1225	MBh†	17.75	17.38	16.97	21.89	21.58	21.24	26.41	26.08	25.77	31.53	31.12	30.73	37.16	36.81	36.39	41.47	41.47	41.46	45.95	46.07	46.15	47.83	48.93	50.04
	T/R	13.70	13.60	13.40	17.00	16.90	16.80	20.70	20.60	20.50	24.90	24.80	24.70	29.60	29.60	29.50	33.20	33.60	33.90	37.10	37.50	38.00	38.70	40.00	41.40
	AMPS*	11.79	12.28	12.77	12.27	12.82	13.39	12.81	13.37	13.98	13.47	14.07	14.69	14.12	14.83	15.58	14.68	15.40	16.16	15.33	16.10	16.91	15.55	16.51	17.54
	HI PR	140	151	163	149	160	172	159	171	183	172	185	197	186	200	215	198	213	228	212	228	244	217	236	257
	LO PR	15	15	15	21	22	22	29	29	29	37	37	37	45	46	46	52	53	54	59	60	62	62	65	68
1400	MBh†	17.99	17.62	17.22	22.14	21.83	21.50	26.71	26.34	26.04	31.90	31.46	31.06	37.03	36.98	36.73	40.87	41.00	41.00	43.25	44.57	45.32	43.74	45.26	46.58
	T/R	12.10	12.00	11.80	15.00	14.90	14.80	18.20	18.10	18.10	21.90	21.80	21.70	25.60	25.80	25.90	28.40	28.80	29.00	30.20	31.40	32.30	30.50	32.00	33.20
	AMPS*	11.88	12.36	12.86	12.31	12.85	13.42	12.80	13.35	13.95	13.42	13.99	14.61	13.92	14.59	15.30	14.40	15.10	15.83	14.69	15.59	16.46	14.70	15.63	16.59
	HI PR	138	148	160	145	157	168	155	166	178	167	179	191	178	191	205	188	202	217	194	213	230	195	214	233
	LO PR	15	15	15	21	22	22	28	29	29	36	37	37	44	45	46	50	52	53	54	57	59	54	58	61
1575	MBh†	18.20	17.84	17.44	22.37	22.05	21.73	26.98	26.60	26.28	32.23	31.76	31.35	36.59	36.72	36.81	40.15	40.44	40.63	40.57	42.06	43.32	40.70	42.42	43.87
	T/R	10.90	10.80	10.60	13.50	13.40	13.30	16.30	16.20	16.20	19.60	19.50	19.40	22.40	22.70	22.90	24.60	25.10	25.40	24.90	26.10	27.20	25.00	26.40	27.60
	AMPS*	11.99	12.48	12.97	12.38	12.92	13.48	12.84	13.39	13.97	13.45	13.99	14.59	13.82	14.47	15.17	14.24	14.93	15.65	14.25	15.11	16.00	14.24	15.11	16.02
	HI PR	135	146	158	142	154	165	151	162	175	163	175	187	171	185	199	180	194	209	181	198	217	180	198	217
	LO PR	15	15	15	21	21	22	28	29	29	36	37	37	43	44	45	49	50	51	49	52	55	49	53	56

COOLING		48 Size Outdoor With FEM2X48**** Indoor Cooling																								
		Outdoor Ambient Temperature − Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature − Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
1400	MBh†	54.95	49.96	46.38	45.54	44.17	52.96	48.12	44.64	43.85	42.80	50.90	46.19	42.81	42.08	41.37	48.74	44.16	40.90	40.25	39.85	46.46	42.04	38.89	38.37	38.26
	S/T‡	0.51	0.69	0.72	0.90	1.00	0.51	0.70	0.73	0.92	1.00	0.52	0.71	0.74	0.94	1.00	0.52	0.73	0.76	0.96	1.00	0.53	0.74	0.77	0.99	1.00
	AMPS*	15.15	15.04	14.95	14.94	14.91	16.87	16.75	16.66	16.64	16.61	18.79	18.64	18.54	18.52	18.50	20.89	20.73	20.61	20.59	20.58	23.20	23.02	22.86	22.84	22.83
	HI PR	169	167	165	164	163	198	195	192	192	191	229	226	223	222	222	263	259	256	256	255	300	296	292	292	292
	LO PR	87	79	73	72	69	88	80	74	73	71	89	81	75	74	73	90	82	76	75	75	92	84	77	77	77
1600	MBh†	56.00	50.92	47.29	46.57	45.93	53.94	49.00	45.48	44.84	44.49	51.80	47.00	43.58	43.08	42.97	49.56	44.90	41.60	41.36	41.37	47.20	42.71	39.53	39.68	39.68
	S/T‡	0.52	0.72	0.75	0.94	1.00	0.53	0.73	0.76	0.96	1.00	0.53	0.75	0.77	0.99	1.00	0.54	0.76	0.79	1.00	1.00	0.55	0.78	0.81	1.00	1.00
	AMPS*	15.44	15.31	15.22	15.21	15.20	17.15	17.02	16.93	16.92	16.91	19.07	18.92	18.82	18.81	18.80	21.17	21.01	20.89	20.88	20.88	23.49	23.30	23.14	23.15	23.15
	HI PR	170	167	165	165	165	199	196	193	193	193	230	226	224	223	223	264	260	257	257	257	301	297	293	294	294
	LO PR	89	81	75	74	73	90	82	76	75	74	91	83	77	76	76	92	84	78	78	78	93	85	79	80	80
1800	MBh†	56.80	51.65	47.98	47.52	47.41	54.67	49.67	46.12	45.89	45.90	52.47	47.62	44.17	44.30	44.30	50.16	45.47	42.13	42.63	42.63	47.74	43.22	40.01	40.87	40.87
	S/T‡	0.54	0.75	0.78	0.99	1.00	0.54	0.76	0.79	1.00	1.00	0.55	0.78	0.81	1.00	1.00	0.56	0.80	0.83	1.00	1.00	0.57	0.82	0.85	1.00	1.00
	AMPS*	15.71	15.58	15.49	15.48	15.48	17.42	17.29	17.20	17.19	17.19	19.34	19.19	19.09	19.10	19.10	21.45	21.29	21.16	21.18	21.18	23.77	23.58	23.42	23.46	23.46
	HI PR	170	168	166	166	165	199	196	194	194	194	231	227	224	225	225	265	261	258	258	258	302	298	294	295	295
	LO PR	90	82	76	76	76	91	83	77	77	77	92	84	78	79	79	93	85	79	80	80	95	87	80	82	82

HEATING		48 Size Outdoor With FEM2X48**** Indoor Heating																								
		Outdoor Ambient Temperature − Degrees F, Dry Bulb																								
		-3			7			17			27			37			47			57			67			
		Entering Indoor Temperature − Degrees F, Dry Bulb																								
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	
1400	MBh†	19.27	18.81	18.28	23.81	23.41	22.97	28.69	28.30	27.92	34.14	33.71	33.27	40.26	39.77	39.29	46.89	46.52	45.95	52.89	52.77	52.61	56.96	58.91	58.48	
	T/R	13.80	13.60	13.30	17.10	17.00	16.80	20.80	20.70	20.60	24.90	24.80	24.70	29.60	29.50	29.40	34.80	34.80	34.70	39.60	39.90	40.10	42.90	44.90	44.90	
	AMPS*	12.70	13.22	13.74	13.29	13.89	14.49	13.87	14.52	15.20	14.51	15.22	15.94	15.29	16.03	16.80	15.97	16.85	17.81	16.79	17.67	18.58	17.35	18.63	19.54	
	HI PR	139	150	161	147	158	170	157	168	181	169	181	193	183	196	209	197	212	228	213	228	243	224	247	262	
	LO PR	15	15	15	21	21	21	28	28	28	36	36	36	45	45	45	54	55	55	63	64	65	69	73	73	
1600	MBh†	19.56	19.10	18.58	24.10	23.71	23.28	29.02	28.62	28.24	34.55	34.08	33.64	40.72	40.21	39.72	46.48	46.50	46.36	51.02	52.07	52.09	50.97	52.91	54.51	
	T/R	12.20	12.00	11.80	15.10	15.00	14.80	18.30	18.20	18.10	21.90	21.80	21.70	26.00	25.90	25.80	29.90	30.20	30.40	33.00	34.10	34.40	33.00	34.60	36.10	
	AMPS*	12.80	13.32	13.85	13.33	13.93	14.53	13.84	14.49	15.17	14.43	15.12	15.83	15.14	15.85	16.61	15.63	16.44	17.30	16.18	17.19	18.08	16.09	17.21	18.37	
	HI PR	136	147	158	143	155	166	152	163	176	163	175	187	176	189	202	187	201	216	198	216	231	197	216	236	
	LO PR	14	15	15	21	21	21	28	28	28	36	36	36	44	45	45	53	54	55	59	62	63	59	63	66	
1800	MBh†	19.81	19.35	18.84	24.36	23.98	23.55	29.31	28.89	28.53	34.87	34.41	33.97	40.99	40.55	40.09	45.92	46.05	46.12	47.29	49.14	50.48	46.10	49.04	50.87	
	T/R	10.90	10.80	10.60	13.50	13.40	13.30	16.40	16.30	16.20	19.60	19.50	19.40	23.20	23.10	23.10	26.10	26.40	26.70	26.90	28.30	29.40	26.20	28.20	29.60	
	AMPS*	12.93	13.45	13.98	13.41	14.01	14.62	13.88	14.52	15.19	14.42	15.10	15.81	14.93	15.76	16.54	15.45	16.24	17.08	15.56	16.59	17.63	15.37	16.51	17.60	
	HI PR	134	145	156	141	152	163	149	160	172	159	170	183	169	183	196	180	194	208	183	201	219	178	199	218	
	LO PR	14	15	15	21	21	21	28	28	28	35	36	36	44	45	45	51	52	54	53	57	60	51	56	60	

COOLING		60 Size Outdoor With FEM2X60 Indoor Cooling																								
		Outdoor Ambient Temperature − Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature − Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
1750	MBh†	65.33	59.64	55.45	54.50	53.24	62.96	57.44	53.38	52.50	51.61	60.55	55.16	51.23	50.45	49.91	58.02	52.81	49.00	48.34	48.13	55.36	50.33	46.67	46.25	46.25
	S/T‡	0.52	0.72	0.74	0.94	1.00	0.53	0.73	0.75	0.95	1.00	0.53	0.74	0.77	0.97	1.00	0.54	0.75	0.78	0.99	1.00	0.55	0.77	0.80	1.00	1.00
	AMPS*	18.32	18.09	17.92	17.89	17.84	20.25	20.01	19.83	19.80	19.77	22.41	22.16	21.97	21.94	21.91	24.79	24.53	24.32	24.29	24.28	27.40	27.11	26.89	26.87	26.87
	HI PR	175	172	170	169	169	205	201	198	198	197	237	233	230	229	229	272	267	264	263	263	310	305	301	301	301
	LO PR	89	81	75	74	72	90	82	76	75	73	91	83	77	76	75	92	84	78	77	77	94	85	79	79	79
2000	MBh†	66.39	60.63	56.44	55.69	55.26	63.94	58.36	54.29	53.68	53.53	61.44	56.00	52.06	51.72	51.73	58.82	53.57	49.76	49.84	49.85	56.08	51.02	47.35	47.86	47.87
	S/T‡	0.54	0.75	0.78	0.98	1.00	0.55	0.76	0.79	0.99	1.00	0.55	0.78	0.80	1.00	1.00	0.56	0.79	0.82	1.00	1.00	0.57	0.81	0.84	1.00	1.00
	AMPS*	18.72	18.48	18.30	18.28	18.26	20.64	20.40	20.22	20.20	20.19	22.80	22.54	22.35	22.34	22.34	25.18	24.91	24.71	24.72	24.72	27.79	27.51	27.28	27.32	27.32
	HI PR	176	173	171	170	170	205	202	199	199	199	238	234	231	230	230	273	268	265	265	265	311	306	302	303	303
	LO PR	91	83	77	76	75	92	84	77	77	77	93	85	78	78	78	94	86	79	80	80	95	87	81	82	82
2250	MBh†	67.17	61.37	57.17	56.94	56.94	64.65	59.03	54.96	55.12	55.12	62.08	56.62	52.68	53.23	53.24	59.40	54.13	50.32	51.26	51.26	56.60	51.53	47.86	49.18	49.19
	S/T‡	0.56	0.78	0.81	1.00	1.00	0.56	0.80	0.82	1.00	1.00	0.57	0.81	0.84	1.00	1.00	0.58	0.83	0.86	1.00	1.00	0.59	0.85	0.88	1.00	1.00
	AMPS*	19.09	18.85	18.67	18.67	18.67	21.02	20.77	20.59	20.60	20.61	23.18	22.92	22.73	22.76	22.76	25.56	25.29	25.08	25.14	25.14	28.17	27.89	27.66	27.75	27.75
	HI PR	176	173	171	171	171	206	203	200	200	200	238	234	231	232	232	273	269	266	267	267	311	307	303	304	304
	LO PR	93	84	78	78	78	93	85	79	79	79	94	86	80	81	81	96	87	81	83	83	97	88	82	84	85

HEATING		60 Size Outdoor With FEM2X60 Indoor Heating																								
		Outdoor Ambient Temperature − Degrees F, Dry Bulb																								
		-3			7			17			27			37			47			57			67			
		Entering Indoor Temperature − Degrees F, Dry Bulb																								
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	
1750	MBh†	24.68	24.17	23.61	30.19	29.75	29.26	36.07	35.70	35.29	42.55	42.09	41.67	49.87	49.35	48.78	56.50	56.39	56.19	61.39	62.33	63.11	60.21	63.21	64.73	
	T/R	13.20	13.00	12.90	16.20	16.10	16.00	19.50	19.50	19.40	23.20	23.10	23.10	27.40	27.30	27.30	31.20	31.50	31.60	34.10	35.00	35.80	33.40	35.50	36.80	
	AMPS*	16.24	16.93	17.64	16.89	17.67	18.45	17.54	18.39	19.25	18.26	19.14	20.07	18.97	20.02	21.01	19.66	20.67	21.73	20.22	21.42	22.67	19.98	21.44	22.81	
	HI PR	138	148	160	145	156	168	153	165	177	164	176	189	175	189	202	186	199	214	195	211	228	191	211	230	
	LO PR	14	14	14	20	20	20	26	26	27	34	34	34	43	43	43	50	51	52	56	58	60	54	59	62	
2000	MBh†	25.04	24.54	23.99	30.56	30.13	29.66	36.45	36.09	35.70	43.01	42.55	42.09	49.93	49.78	49.32	54.93	56.00	55.96	56.88	58.73	60.28	56.30	58.62	60.52	
	T/R	11.70	11.60	11.40	14.30	14.30	14.20	17.20	17.20	17.10	20.40	20.40	20.30	23.80	24.00	24.00	26.30	27.10	27.40	27.30	28.50	29.60	27.00	28.50	29.70	
	AMPS*	16.42	17.12	17.83	17.01	17.79	18.57	17.58	18.42	19.29	18.24	19.11	20.01	18.77	19.74	20.80	19.27	20.38	21.42	19.42	20.64	21.91	19.30	20.55	21.85	
	HI PR	135	146	157	141	153	164	149	161	173	159	171	183	167	180	194	175	191	205	178	195	212	176	193	211	
	LO PR	14	14	14	19	20	20	26	26	27	34	34	34	42	43	43	48	50	51	50	53	56	49	52	56	
2250	MBh†	25.38	24.89	24.34	30.91	30.49	30.02	36.80	36.45	36.06	43.42	42.95	42.49	49.72	49.73	49.69	52.32	54.39	55.55	53.21	55.29	57.07	52.57	54.94	57.10	
	T/R	10.50	10.40	10.30	12.90	12.80	12.70	15.40	15.40	15.30	18.20	18.20	18.20	21.00	21.20	21.40	22.10	23.30	24.00	22.50	23.70	24.70	22.20	23.50	24.70	
	AMPS*	16.64	17.34	18.05	17.18	17.95	18.74	17.70	18.53	19.39	18.32	19.16	20.06	18.74	19.68	20.66	18.97	20.13	21.27	18.99	20.16	21.37	18.90	20.07	21.31	
	HI PR	133	144	155	139	150	162	146	157	169	155	166	179	162	175	188	166	182	198	166	183	200	165	181	199	
	LO PR	14	14	14	19	20	20	26	26	27	34	34	34	41	42	43	44	47	49	45	48	51	44	47	51	

COOLING Multiplying Factors for other Indoor Combinations											
Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)
(C,H,T)2H318											
>FS(M,U)2X18****		1.00	1.00	ED*2X18B**	*8MPV050	1.01	0.91	EHD2X24A**	*9MVX060	1.05	0.97
EB*2X18B**	*8MPV050	1.01	0.91	ED*2X18B**	MV08B15**B*	1.00	0.86	FEM2X18****		1.02	0.88
EB*2X18B**	MV08B15**B*	1.00	0.86	ED*2X18B**		0.99	0.97	FSA2X18****		1.00	0.98
EB*2X18B**		0.99	0.97	EHD2X24A**	*9MVX040	1.05	0.97				
(C,H,T)2H324											
>FS(M,U)2X24****		1.00	1.00	ED*2X24F**	*9MPV050	1.02	0.98	EHD2X24A**	MV08B15**B*	1.04	0.96
EB*2X24B**	*8MPV050	1.01	0.97	ED*2X24F**	*9MPV075	1.02	0.96	EHD2X24A**	MV12F19**B*	1.04	0.96
EB*2X24B**	MV08B15**B*	1.02	0.94	ED*2X24F**	*9MVX040	1.02	0.96	EHD2X24A**		1.01	1.01
EB*2X24B**		1.00	1.00	ED*2X24F**	*9MVX060	1.03	0.96	EHD2X30A**	*8MPV050	1.03	0.99
EB*2X24F**	*9MPV050	1.01	0.97	ED*2X24F**	MV12F19**B*	1.02	0.94	EHD2X30A**	*9MPV050	1.03	0.96
EB*2X24F**	*9MPV075	1.01	0.95	ED*2X24F**		1.01	1.01	EHD2X30A**	*9MPV075	1.02	0.96
EB*2X24F**	*9MVX040	1.02	0.96	ED*2X30B**	*8MPV050	1.03	0.99	EHD2X30A**	*9MVX040	1.03	0.96
EB*2X24F**	*9MVX060	1.03	0.96	ED*2X30B**	MV08B15**B*	1.02	0.94	EHD2X30A**	*9MVX060	1.04	0.97
EB*2X24F**	MV12F19**B*	1.02	0.94	ED*2X30B**		1.01	1.01	EHD2X30A**	*9MVX080	1.05	0.99
EB*2X24F**		1.00	1.00	ED*2X30F**	*9MPV050	1.03	0.96	EHD2X30A**	*9MVX100	1.04	0.96
EB*2X30B**	*8MPV050	1.02	0.98	ED*2X30F**	*9MPV075	1.03	0.96	EHD2X30A**	MV08B15**B*	1.03	0.95
EB*2X30B**	MV08B15**B*	1.02	0.94	ED*2X30F**	*9MVX040	1.03	0.96	EHD2X30A**	MV12F19**B*	1.03	0.95
EB*2X30B**		1.00	1.00	ED*2X30F**	*9MVX060	1.04	0.97	EHD2X30A**		1.01	1.01
EB*2X30F**	*9MPV050	1.02	0.96	ED*2X30F**	MV12F19**B*	1.03	0.95	EMA2X24D**		1.01	1.01
EB*2X30F**	*9MPV075	1.02	0.96	ED*2X30F**		1.01	1.01	FEM2X24****		1.02	0.96
EB*2X30F**	*9MVX040	1.03	0.96	EHD2X24A**	*8MPV050	1.02	0.98	FEM2X30****		1.03	0.92
EB*2X30F**	*9MVX060	1.04	0.97	EHD2X24A**	*9MPV050	1.02	0.98	FS(M,U)2X30****		1.01	1.01
EB*2X30F**	MV12F19**B*	1.03	0.95	EHD2X24A**	*9MPV075	1.02	0.98	FSA2X30****		1.00	1.00
EB*2X30F**		1.00	1.00	EHD2X24A**	*9MVX040	1.03	0.96	FVM2X24****		1.03	0.92
ED*2X24B**	*8MPV050	1.02	0.98	EHD2X24A**	*9MVX060	1.03	0.96	FVM2X36****		1.03	0.92
ED*2X24B**	MV08B15**B*	1.02	0.94	EHD2X24A**	*9MVX080	1.04	0.98				
ED*2X24B**		1.01	1.01	EHD2X24A**	*9MVX100	1.04	0.97				

> Indicates Tested Indoor Model

– continued on next page –

COOLING Multiplying Factors for other Indoor Combinations (continued)											
Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)
(C,H,T)2H330											
>FEM2X30****		1.00	1.00	ED*2X36F**	*8MPV075	1.00	0.98	EHD2X36A**	*8MPV100	1.02	0.98
EB*2X30F**	*8MPV075	0.99	0.98	ED*2X36F**	*9MPV050	0.99	0.99	EHD2X36A**	*8MPV125	1.02	0.96
EB*2X30F**	*9MPV075	0.99	0.99	ED*2X36F**	*9MPV075	0.99	0.99	EHD2X36A**	*9MPV050	1.01	1.00
EB*2X30F**	MV12F19**B*	0.99	0.96	ED*2X36F**	MV12F19**B*	1.00	0.96	EHD2X36A**	*9MPV075	1.01	1.00
EB*2X36B**	MV08B15**B*	1.00	0.96	ED*2X36J**	*8MPV100	1.01	0.98	EHD2X36A**	*9MPV100	1.02	0.98
EB*2X36F**	*8MPV075	1.00	0.98	ED*2X36J**	*8MPV125	1.01	0.98	EHD2X36A**	*9MPV125	1.02	0.98
EB*2X36F**	*9MPV050	0.99	0.99	ED*2X36J**	*9MPV100	1.01	0.99	EHD2X36A**	*9MVX060	1.02	1.00
EB*2X36F**	*9MPV075	0.99	0.99	ED*2X36J**	*9MVX080	1.01	0.98	EHD2X36A**	*9MVX080	1.02	0.98
EB*2X36F**	MV12F19**B*	1.00	0.96	EHD2X30A**	*8MPV075	1.00	0.98	EHD2X36A**	*9MVX100	1.02	0.98
EB*2X36J**	*8MPV100	1.01	0.98	EHD2X30A**	*8MPV100	1.00	0.98	EHD2X36A**	MV08B15**B*	1.02	0.98
EB*2X36J**	*8MPV125	1.01	0.98	EHD2X30A**	*8MPV125	1.00	0.96	EHD2X36A**	MV12F19**B*	1.02	0.96
EB*2X36J**	*9MPV100	1.01	0.99	EHD2X30A**	*9MPV100	0.99	0.98	FEM2X35****		1.01	1.01
EB*2X36J**	*9MVX080	1.01	0.98	EHD2X30A**	*9MPV125	0.99	0.98	FEM2X36****		1.02	1.00
ED*2X30F**	*8MPV075	0.99	0.98	EHD2X30A**	MV08B15**B*	1.00	0.96	FVM2X24****		0.99	0.96
ED*2X30F**	*9MPV075	0.99	0.99	EHD2X30A**	MV12F19**B*	1.00	0.96	FVM2X36****		1.00	0.96
ED*2X30F**	MV12F19**B*	0.99	0.96	EHD2X36A**	*8MPV050	1.02	1.02	FVM2X48****		1.02	0.92
ED*2X36B**	MV08B15**B*	1.00	0.96	EHD2X36A**	*8MPV075	1.02	0.98				
(C,H,T)2H336											
>FEM2X35****		1.00	1.00	ED*2X42F**	MV12F19**B*	0.99	0.96	EHD2X36A**	MV20L24**B*	1.01	0.98
EB*2X36F**	MV12F19**B*	0.98	0.96	ED*2X42J**	*8MPV100	1.01	0.99	EHD2X42A**	*8MPV075	1.02	1.00
EB*2X36J**	*8MPV100	0.99	0.98	ED*2X42J**	*8MPV125	1.01	0.99	EHD2X42A**	*8MPV100	1.03	0.99
EB*2X36J**	*8MPV125	0.99	0.98	ED*2X42J**	*9MPV100	1.00	1.00	EHD2X42A**	*8MPV125	1.03	0.99
EB*2X36J**	*9MPV100	0.99	0.99	ED*2X42J**	MV16J22**B*	0.99	0.96	EHD2X42A**	*9MPV075	1.01	1.01
EB*2X36J**	MV16J22**B*	0.99	0.95	ED*2X42L**	*9MPV125	1.01	0.99	EHD2X42A**	*9MPV100	1.02	1.00
EB*2X42F**	MV12F19**B*	0.99	0.96	ED*2X42L**	*9MVX100	1.00	1.00	EHD2X42A**	*9MPV125	1.02	0.99
EB*2X42J**	*8MPV100	1.01	0.99	ED*2X42L**	MV20L24**B*	0.99	0.96	EHD2X42A**	*9MVX080	1.03	1.01
EB*2X42J**	*8MPV125	1.01	0.99	EHD2X36A**	*8MPV075	1.01	0.99	EHD2X42A**	*9MVX100	1.02	1.00

> Indicates Tested Indoor Model

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COOLING Multiplying Factors for other Indoor Combinations (continued)

Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)
EB*2X42J**	*9MPV100	1.00	1.00	EHD2X36A**	*8MPV100	1.02	1.00	EHD2X42A**	MV08B15**B*	1.02	0.98
EB*2X42J**	MV16J22**B*	0.99	0.96	EHD2X36A**	*8MPV125	1.02	0.98	EHD2X42A**	MV12F19**B*	1.02	0.98
EB*2X42L**	*9MPV125	1.01	0.99	EHD2X36A**	*9MPV100	1.01	0.99	EHD2X42A**	MV16J22**B*	1.02	0.98
EB*2X42L**	MV20L24**B*	0.99	0.96	EHD2X36A**	*9MPV125	1.02	1.00	EHD2X42A**	MV20L24**B*	1.02	0.98
ED*2X36F**	MV12F19**B*	0.98	0.96	EHD2X36A**	*9MVX080	1.02	1.02	FEM2X36****		1.02	1.00
ED*2X36J**	*8MPV100	0.99	0.98	EHD2X36A**	*9MVX100	1.01	0.99	FEM2X42****		1.02	1.00
ED*2X36J**	*8MPV125	0.99	0.98	EHD2X36A**	MV08B15**B*	1.01	0.97	FVM2X24****		0.98	0.98
ED*2X36J**	*9MPV100	0.99	0.99	EHD2X36A**	MV12F19**B*	1.01	0.98	FVM2X36****		0.99	0.95
ED*2X36J**	MV16J22**B*	0.99	0.95	EHD2X36A**	MV16J22**B*	1.01	0.98				
(C,H,T)2H342											
>FEM2X42****		1.00	1.00	EHD2X48A**	*8MPV125	1.00	0.96	EB*2X48F**	MV12F19**B*	1.00	0.96
FEM2X48****		1.02	0.99	EB*2X42J**	*9MPV100	0.98	1.00	ED*2X42F**	MV12F19**B*	0.98	0.96
FVM2X36****		0.96	0.95	EB*2X48J**	*9MPV100	0.99	0.99	ED*2X48F**	MV12F19**B*	1.00	0.96
FVM2X48****		1.01	0.98	ED*2X42J**	*9MPV100	0.98	1.00	EHD2X42A**	MV12F19**B*	1.00	0.96
EB*2X48F**	*8MPV075	0.99	1.02	ED*2X48J**	*9MPV100	0.99	0.99	EHD2X48A**	MV12F19**B*	1.00	0.96
ED*2X48F**	*8MPV075	0.99	1.02	EHD2X42A**	*9MPV100	1.00	1.00	EB*2X42J**	MV16J22**B*	0.98	0.94
EHD2X42A**	*8MPV075	0.99	0.99	EHD2X48A**	*9MPV100	1.00	0.98	EB*2X48J**	MV16J22**B*	0.99	0.95
EHD2X48A**	*8MPV075	1.00	1.00	EB*2X42L**	*9MPV125	0.98	0.98	ED*2X42J**	MV16J22**B*	0.98	0.94
EB*2X42J**	*8MPV100	0.98	0.98	EB*2X48L**	*9MPV125	0.99	0.97	ED*2X48J**	MV16J22**B*	0.99	0.95
EB*2X48J**	*8MPV100	1.00	0.98	ED*2X42L**	*9MPV125	0.98	0.98	EHD2X42A**	MV16J22**B*	1.00	0.96
ED*2X42J**	*8MPV100	0.98	0.98	ED*2X48L**	*9MPV125	0.99	0.97	EHD2X48A**	MV16J22**B*	1.00	0.96
ED*2X48J**	*8MPV100	1.00	0.98	EHD2X42A**	*9MPV125	1.00	0.98	EB*2X42L**	MV20L24**B*	0.98	0.94
EHD2X42A**	*8MPV100	1.00	0.98	EHD2X48A**	*9MPV125	1.00	0.98	EB*2X48L**	MV20L24**B*	0.99	0.95
EHD2X48A**	*8MPV100	1.00	0.98	EHD2X42A**	*9MVX080	1.00	1.00	ED*2X42L**	MV20L24**B*	0.98	0.94
EB*2X42J**	*8MPV125	0.98	0.98	EHD2X48A**	*9MVX080	1.00	1.00	ED*2X48L**	MV20L24**B*	0.99	0.95
EB*2X48J**	*8MPV125	1.00	0.98	EB*2X48L**	*9MVX100	0.99	0.97	EHD2X42A**	MV20L24**B*	1.00	0.96
ED*2X42J**	*8MPV125	0.98	0.98	ED*2X48L**	*9MVX100	0.99	0.97	EHD2X48A**	MV20L24**B*	1.00	0.96
ED*2X48J**	*8MPV125	1.00	0.98	EHD2X42A**	*9MVX100	0.99	0.97				
EHD2X42A**	*8MPV125	1.00	0.96	EHD2X48A**	*9MVX100	1.00	0.98				

> Indicates Tested Indoor Model

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COOLING Multiplying Factors for other Indoor Combinations (continued)											
Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)
(C,H,T)2H348											
>FEM2X48****		1.00	1.00	ED*2X48J**	*8MPV125	0.97	0.97	EHD2X48A**	MV16J22**B*	0.99	0.95
EB*2X48J**	*8MPV100	0.97	0.97	ED*2X48J**	MV16J22**B*	0.98	0.94	EHD2X48A**	MV20L24**B*	0.99	0.95
EB*2X48J**	*8MPV125	0.97	0.97	ED*2X48L**	*9MPV125	0.97	0.97	EHD2X60A**	*8MPV100	1.01	0.97
EB*2X48J**	MV16J22**B*	0.98	0.94	ED*2X48L**	MV20L24**B*	0.98	0.94	EHD2X60A**	*8MPV125	1.01	0.97
EB*2X48L**	*9MPV125	0.97	0.97	ED*2X60J**	*8MPV100	1.00	0.98	EHD2X60A**	*9MPV100	1.00	0.98
EB*2X48L**	MV20L24**B*	0.98	0.94	ED*2X60J**	*8MPV125	1.00	0.96	EHD2X60A**	*9MPV125	1.00	0.98
EB*2X60J**	*8MPV100	1.00	0.98	ED*2X60J**	*9MPV100	0.99	0.99	EHD2X60A**	*9MVX080	1.01	0.99
EB*2X60J**	*8MPV125	1.00	0.96	ED*2X60J**	MV16J22**B*	1.00	0.96	EHD2X60A**	*9MVX100	1.00	0.98
EB*2X60J**	*9MPV100	0.99	0.99	ED*2X60L**	*9MPV125	0.99	0.97	EHD2X60A**	MV16J22**B*	1.01	0.95
EB*2X60J**	MV16J22**B*	1.00	0.96	ED*2X60L**	MV20L24**B*	1.00	0.96	EHD2X60A**	MV20L24**B*	1.01	0.95
EB*2X60L**	*9MPV125	0.99	0.97	EHD2X48A**	*8MPV100	0.98	0.98	FEM2X60****		1.02	0.96
EB*2X60L**	MV20L24**B*	1.00	0.96	EHD2X48A**	*8MPV125	0.98	0.96	FVM2X48****		0.99	0.93
ED*2X48J**	*8MPV100	0.97	0.97	EHD2X48A**	*9MPV125	0.98	0.98	FVM2X60****		1.01	0.91
(C,H,T)2H360											
>FEM2X60****		1.00	1.00	ED*2X60J**	MV16J22**B*	0.98	0.98	EHD2X60A**	MV20L24**B*	0.98	0.98
EB*2X60J**	MV16J22**B*	0.98	0.98	ED*2X60L**	MV20L24**B*	0.98	0.98	FVM2X60****		0.99	0.99
EB*2X60L**	MV20L24**B*	0.98	0.98	EHD2X60A**	MV16J22**B*	0.99	0.99				

> Indicates Tested Indoor Model

HEATING Multiplying Factors for other Indoor Combinations											
Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)
(C,H,T)2H318											
>FS(M,U)2X18****		1.00	1.00	ED*2X18B**	*8MPV050	0.97	0.94	EHD2X24A**	*9MVX060	0.67	0.70
EB*2X18B**	*8MPV050	0.97	0.94	ED*2X18B**	MV08B15**B*	1.00	0.94	FEM2X18****		0.97	0.91
EB*2X18B**	MV08B15**B*	1.03	0.97	ED*2X18B**		1.00	1.02	FSA2X18****		1.00	1.00
EB*2X18B**		1.00	1.02	EHD2X24A**	*9MVX040	0.67	0.70				
(C,H,T)2H324											
>FS(M,U)2X24****		1.00	1.00	ED*2X24F**	*9MPV050	0.98	0.93	EHD2X24A**	MV08B15**B*	0.97	0.89
EB*2X24B**	*8MPV050	0.97	0.93	ED*2X24F**	*9MPV075	0.99	0.93	EHD2X24A**	MV12F19**B*	0.97	0.89
EB*2X24B**	MV08B15**B*	0.98	0.91	ED*2X24F**	*9MVX040	0.99	0.94	EHD2X24A**		0.97	0.95
EB*2X24B**		0.98	0.97	ED*2X24F**	*9MVX060	0.98	0.92	EHD2X30A**	*8MPV050	0.83	0.87
EB*2X24F**	*9MPV050	0.98	0.93	ED*2X24F**	MV12F19**B*	0.98	0.91	EHD2X30A**	*9MPV050	0.85	0.87
EB*2X24F**	*9MPV075	0.99	0.93	ED*2X24F**		1.00	0.99	EHD2X30A**	*9MPV075	0.87	0.88
EB*2X24F**	*9MVX040	0.99	0.94	ED*2X30B**	*8MPV050	0.87	0.89	EHD2X30A**	*9MVX040	0.84	0.86
EB*2X24F**	*9MVX060	0.98	0.92	ED*2X30B**	MV08B15**B*	0.89	0.86	EHD2X30A**	*9MVX060	0.82	0.84
EB*2X24F**	MV12F19**B*	0.98	0.91	ED*2X30B**		0.87	0.94	EHD2X30A**	*9MVX080	0.78	0.81
EB*2X24F**		1.00	0.99	ED*2X30F**	*9MPV050	0.86	0.87	EHD2X30A**	*9MVX100	0.79	0.81
EB*2X30B**	*8MPV050	0.87	0.89	ED*2X30F**	*9MPV075	0.87	0.87	EHD2X30A**	MV08B15**B*	0.85	0.83
EB*2X30B**	MV08B15**B*	0.88	0.86	ED*2X30F**	*9MVX040	0.85	0.86	EHD2X30A**	MV12F19**B*	0.85	0.83
EB*2X30B**		0.87	0.94	ED*2X30F**	*9MVX060	0.82	0.84	EHD2X30A**		0.85	0.92
EB*2X30F**	*9MPV050	0.86	0.87	ED*2X30F**	MV12F19**B*	0.88	0.85	EMA2X24D**		1.02	0.98
EB*2X30F**	*9MPV075	0.87	0.87	ED*2X30F**		0.87	0.94	FEM2X24****		0.98	0.93
EB*2X30F**	*9MVX040	0.85	0.86	EHD2X24A**	*8MPV050	0.97	0.92	FEM2X30****		0.93	0.90
EB*2X30F**	*9MVX060	0.82	0.84	EHD2X24A**	*9MPV050	0.96	0.91	FS(M,U)2X30****		0.95	0.97
EB*2X30F**	MV12F19**B*	0.88	0.85	EHD2X24A**	*9MPV075	0.97	0.92	FSA2X30****		0.99	0.99
EB*2X30F**		0.87	0.94	EHD2X24A**	*9MVX040	0.97	0.93	FVM2X24****		0.95	0.88
ED*2X24B**	*8MPV050	0.98	0.93	EHD2X24A**	*9MVX060	0.97	0.92	FVM2X36****		0.87	0.86
ED*2X24B**	MV08B15**B*	0.98	0.91	EHD2X24A**	*9MVX080	0.92	0.87				
ED*2X24B**		1.00	0.99	EHD2X24A**	*9MVX100	0.96	0.89				

> Indicates Tested Indoor Model

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HEATING Multiplying Factors for other Indoor Combinations (continued)											
Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)
(C,H,T)2H330											
>FEM2X30****		1.00	1.00	ED*2X36F**	*8MPV075	0.98	0.98	EHD2X36A**	*8MPV100	0.95	0.93
EB*2X30F**	*8MPV075	0.99	0.99	ED*2X36F**	*9MPV050	0.99	1.01	EHD2X36A**	*8MPV125	0.95	0.93
EB*2X30F**	*9MPV075	0.99	1.02	ED*2X36F**	*9MPV075	0.99	1.01	EHD2X36A**	*9MPV050	0.96	0.98
EB*2X30F**	MV12F19**B*	0.98	0.99	ED*2X36F**	MV12F19**B*	0.97	0.98	EHD2X36A**	*9MPV075	0.96	0.98
EB*2X36B**	MV08B15**B*	0.97	0.99	ED*2X36J**	*8MPV100	0.97	0.96	EHD2X36A**	*9MPV100	0.95	0.94
EB*2X36F**	*8MPV075	0.98	0.98	ED*2X36J**	*8MPV125	0.96	0.95	EHD2X36A**	*9MPV125	0.95	0.94
EB*2X36F**	*9MPV050	0.99	1.01	ED*2X36J**	*9MPV100	0.97	0.96	EHD2X36A**	*9MVX060	0.95	0.98
EB*2X36F**	*9MPV075	0.98	1.00	ED*2X36J**	*9MVX080	0.97	0.98	EHD2X36A**	*9MVX080	0.94	0.95
EB*2X36F**	MV12F19**B*	0.97	0.98	EHD2X30A**	*8MPV075	0.98	0.99	EHD2X36A**	*9MVX100	0.95	0.96
EB*2X36J**	*8MPV100	0.97	0.96	EHD2X30A**	*8MPV100	0.98	0.98	EHD2X36A**	MV08B15**B*	0.95	0.95
EB*2X36J**	*8MPV125	0.96	0.95	EHD2X30A**	*8MPV125	0.98	0.98	EHD2X36A**	MV12F19**B*	0.94	0.94
EB*2X36J**	*9MPV100	0.97	0.96	EHD2X30A**	*9MPV100	0.98	0.99	FEM2X35****		0.98	1.00
EB*2X36J**	*9MVX080	0.97	0.98	EHD2X30A**	*9MPV125	0.98	0.99	FEM2X36****		0.94	0.96
ED*2X30F**	*8MPV075	0.99	0.99	EHD2X30A**	MV08B15**B*	0.97	0.99	FVM2X24****		1.00	0.98
ED*2X30F**	*9MPV075	0.99	1.02	EHD2X30A**	MV12F19**B*	0.97	0.98	FVM2X36****		0.97	0.97
ED*2X30F**	MV12F19**B*	0.98	0.99	EHD2X36A**	*8MPV050	0.96	0.99	FVM2X48****		0.84	0.89
ED*2X36B**	MV08B15**B*	0.97	0.99	EHD2X36A**	*8MPV075	0.96	0.95				
(C,H,T)2H336											
>FEM2X35****		1.00	1.00	ED*2X42F**	MV12F19**B*	0.99	0.97	EHD2X36A**	MV20L24**B*	0.95	0.93
EB*2X36F**	MV12F19**B*	1.01	0.99	ED*2X42J**	*8MPV100	0.96	0.96	EHD2X42A**	*8MPV075	0.89	0.93
EB*2X36J**	*8MPV100	0.99	0.99	ED*2X42J**	*8MPV125	0.96	0.96	EHD2X42A**	*8MPV100	0.85	0.90
EB*2X36J**	*8MPV125	1.00	0.99	ED*2X42J**	*9MPV100	0.97	0.98	EHD2X42A**	*8MPV125	0.87	0.90
EB*2X36J**	*9MPV100	1.01	1.01	ED*2X42J**	MV16J22**B*	0.99	0.97	EHD2X42A**	*9MPV075	0.91	0.96
EB*2X36J**	MV16J22**B*	1.01	0.99	ED*2X42L**	*9MPV125	0.96	0.96	EHD2X42A**	*9MPV100	0.87	0.92
EB*2X42F**	MV12F19**B*	0.99	0.97	ED*2X42L**	*9MVX100	0.98	0.97	EHD2X42A**	*9MPV125	0.87	0.91
EB*2X42J**	*8MPV100	0.96	0.96	ED*2X42L**	MV20L24**B*	0.99	0.96	EHD2X42A**	*9MVX080	0.84	0.89
EB*2X42J**	*8MPV125	0.96	0.96	EHD2X36A**	*8MPV075	0.94	0.96	EHD2X42A**	*9MVX100	0.87	0.89

> Indicates Tested Indoor Model

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HEATING Multiplying Factors for other Indoor Combinations (continued)											
Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)
EB*2X42J**	*9MPV100	0.97	0.98	EHD2X36A**	*8MPV100	0.91	0.93	EHD2X42A**	MV08B15**B*	0.89	0.90
EB*2X42J**	MV16J22**B*	0.99	0.97	EHD2X36A**	*8MPV125	0.91	0.93	EHD2X42A**	MV12F19**B*	0.89	0.89
EB*2X42L**	*9MPV125	0.96	0.96	EHD2X36A**	*9MPV100	0.92	0.94	EHD2X42A**	MV16J22**B*	0.89	0.88
EB*2X42L**	MV20L24**B*	0.99	0.96	EHD2X36A**	*9MPV125	0.92	0.94	EHD2X42A**	MV20L24**B*	0.89	0.89
ED*2X36F**	MV12F19**B*	1.01	0.99	EHD2X36A**	*9MVX080	0.88	0.92	FEM2X36****		0.89	0.93
ED*2X36J**	*8MPV100	0.99	0.99	EHD2X36A**	*9MVX100	0.92	0.93	FEM2X42****		0.88	0.92
ED*2X36J**	*8MPV125	1.00	0.99	EHD2X36A**	MV08B15**B*	0.95	0.94	FVM2X24****		1.05	1.01
ED*2X36J**	*9MPV100	1.01	1.01	EHD2X36A**	MV12F19**B*	0.95	0.93	FVM2X36****		1.01	1.00
ED*2X36J**	MV16J22**B*	1.01	0.99	EHD2X36A**	MV16J22**B*	0.95	0.93				
(C,H,T)2H342											
>FEM2X42****		1.00	1.00	ED*2X42J**	*9MPV100	1.02	1.03	EHD2X42A**	*9MVX100	1.00	0.99
EB*2X42J**	*8MPV100	1.02	1.02	ED*2X42J**	MV16J22**B*	1.01	1.00	EHD2X42A**	MV12F19**B*	1.00	0.97
EB*2X42J**	*8MPV125	1.01	1.01	ED*2X42L**	*9MPV125	1.02	1.02	EHD2X42A**	MV16J22**B*	1.00	0.97
EB*2X42J**	*9MPV100	1.02	1.03	ED*2X42L**	MV20L24**B*	1.01	1.00	EHD2X42A**	MV20L24**B*	1.00	0.97
EB*2X42J**	MV16J22**B*	1.01	1.00	ED*2X48F**	*8MPV075	0.95	0.97	EHD2X48A**	*8MPV075	1.00	1.00
EB*2X42L**	*9MPV125	1.02	1.02	ED*2X48F**	MV12F19**B*	0.94	0.93	EHD2X48A**	*8MPV100	0.99	0.97
EB*2X42L**	MV20L24**B*	1.01	1.00	ED*2X48J**	*8MPV100	0.96	0.96	EHD2X48A**	*8MPV125	0.99	0.97
EB*2X48F**	*8MPV075	0.95	0.97	ED*2X48J**	*8MPV125	0.96	0.96	EHD2X48A**	*9MPV100	0.99	0.98
EB*2X48F**	MV12F19**B*	0.94	0.93	ED*2X48J**	*9MPV100	0.98	0.98	EHD2X48A**	*9MPV125	0.99	0.97
EB*2X48J**	*8MPV100	0.96	0.96	ED*2X48J**	MV16J22**B*	0.98	0.96	EHD2X48A**	*9MVX080	0.99	0.98
EB*2X48J**	*8MPV125	0.96	0.96	ED*2X48L**	*9MPV125	0.98	0.97	EHD2X48A**	*9MVX100	1.00	0.99
EB*2X48J**	*9MPV100	0.98	0.98	ED*2X48L**	*9MVX100	0.98	0.98	EHD2X48A**	MV12F19**B*	0.99	0.96
EB*2X48J**	MV16J22**B*	0.98	0.96	ED*2X48L**	MV20L24**B*	0.98	0.95	EHD2X48A**	MV16J22**B*	0.99	0.95
EB*2X48L**	*9MPV125	0.98	0.97	EHD2X42A**	*8MPV075	1.00	1.00	EHD2X48A**	MV20L24**B*	0.99	0.95
EB*2X48L**	*9MVX100	0.98	0.98	EHD2X42A**	*8MPV100	1.00	0.98	FEM2X48****		0.93	0.93
EB*2X48L**	MV20L24**B*	0.98	0.95	EHD2X42A**	*8MPV125	1.00	0.98	FVM2X36****		1.02	1.04
ED*2X42F**	MV12F19**B*	1.02	1.02	EHD2X42A**	*9MPV100	1.00	0.99	FVM2X48****		0.91	0.93
ED*2X42J**	*8MPV100	1.02	1.02	EHD2X42A**	*9MPV125	1.00	0.99				
ED*2X42J**	*8MPV125	1.01	1.01	EHD2X42A**	*9MVX080	1.00	0.99				

> Indicates Tested Indoor Model

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HEATING Multiplying Factors for other Indoor Combinations (continued)

Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)
(C,H,T)2H348											
>FEM2X48****		1.00	1.00	ED*2X48J**	*8MPV125	1.01	1.05	EHD2X48A**	MV16J22**B*	0.99	1.01
EB*2X48J**	*8MPV100	1.01	1.05	ED*2X48J**	MV16J22**B*	0.99	1.02	EHD2X48A**	MV20L24**B*	0.99	1.01
EB*2X48J**	*8MPV125	1.01	1.05	ED*2X48L**	*9MPV125	1.01	1.06	EHD2X60A**	*8MPV100	0.96	0.98
EB*2X48J**	MV16J22**B*	0.99	1.02	ED*2X48L**	MV20L24**B*	0.99	1.02	EHD2X60A**	*8MPV125	0.96	0.98
EB*2X48L**	*9MPV125	1.01	1.06	ED*2X60J**	*8MPV100	0.88	0.96	EHD2X60A**	*9MPV100	0.97	1.01
EB*2X48L**	MV20L24**B*	0.99	1.02	ED*2X60J**	*8MPV125	0.89	0.96	EHD2X60A**	*9MPV125	0.97	1.00
EB*2X60J**	*8MPV100	0.88	0.96	ED*2X60J**	*9MPV100	0.89	0.98	EHD2X60A**	*9MVX080	0.98	1.02
EB*2X60J**	*8MPV125	0.89	0.96	ED*2X60J**	MV16J22**B*	0.91	0.95	EHD2X60A**	*9MVX100	0.98	1.01
EB*2X60J**	*9MPV100	0.89	0.98	ED*2X60L**	*9MPV125	0.91	0.99	EHD2X60A**	MV16J22**B*	0.97	0.97
EB*2X60J**	MV16J22**B*	0.91	0.95	ED*2X60L**	MV20L24**B*	0.91	0.96	EHD2X60A**	MV20L24**B*	0.97	0.97
EB*2X60L**	*9MPV125	0.91	0.99	EHD2X48A**	*8MPV100	1.01	1.05	FEM2X60****		0.89	0.94
EB*2X60L**	MV20L24**B*	0.91	0.96	EHD2X48A**	*8MPV125	1.01	1.05	FVM2X48****		0.99	1.01
ED*2X48J**	*8MPV100	1.01	1.05	EHD2X48A**	*9MPV125	1.01	1.06	FVM2X60****		0.95	0.95
(C,H,T)2H360											
>FEM2X60****		1.00	1.00	ED*2X60J**	MV16J22**B*	0.99	1.01	EHD2X60A**	MV20L24**B*	1.02	1.01
EB*2X60J**	MV16J22**B*	0.99	1.01	ED*2X60L**	MV20L24**B*	0.99	1.01	FVM2X60****		1.00	1.00
EB*2X60L**	MV20L24**B*	0.99	1.01	EHD2X60A**	MV16J22**B*	1.02	1.01				

> Indicates Tested Indoor Model

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:	**H**	**2**	**H**	**3**	**18**	**G**	**K**	**D**	**2**	**0**	**0**

Product Family

2 = R−22
4 = R−410A — **REFRIGERANT**

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

3 = 13 SEER
4 = 14 SEER
5 = 15 SEER
6 = 16 SEER
7 = 17 SEER
8 = 18 SEER — **NOMINAL EFFICIENCY**

18 = 18,000 BTUH = 1½ tons
24 = 24,000 BTUH = 2 tons
30 = 30,000 BTUH = 2½ tons
36 = 36,000 BTUH = 3 tons
42 = 42,000 BTUH = 3½ tons
48 = 48,000 BTUH = 4 tons
60 = 60,000 BTUH = 5 tons — **NOMINAL CAPACITY**

A = Standard Grille
G = Coil Guard Grille
C = Coastal — **FEATURES**

K = 208/230−1−60 — **VOLTAGE**

Sales Code

Engineering Revision

Extra Digit

Extra Digit

ACCESSORIES PART NUMBER IDENTIFICATION GUIDE

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