

TECHNICAL SUPPORT MANUAL

Split System Heat Pump (C,H,T)4H(5,7) Two-Stage

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:



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



Signal Words on Product Labeling

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

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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.

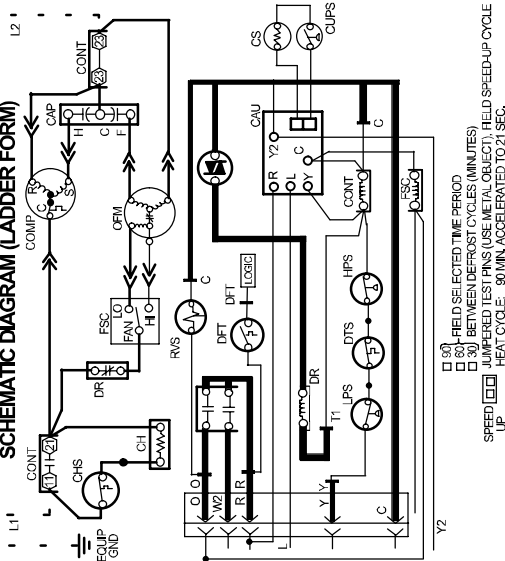
Installation must conform with local building codes and with the National Electrical Code NFPA70 current edition or Canadian Electrical Code Part 1 CSA C.22.1.

-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 CAPACITOR
- *SR START RELAY
- *ST START THERMISTOR

* MAY BE FACTORY INSTALLED

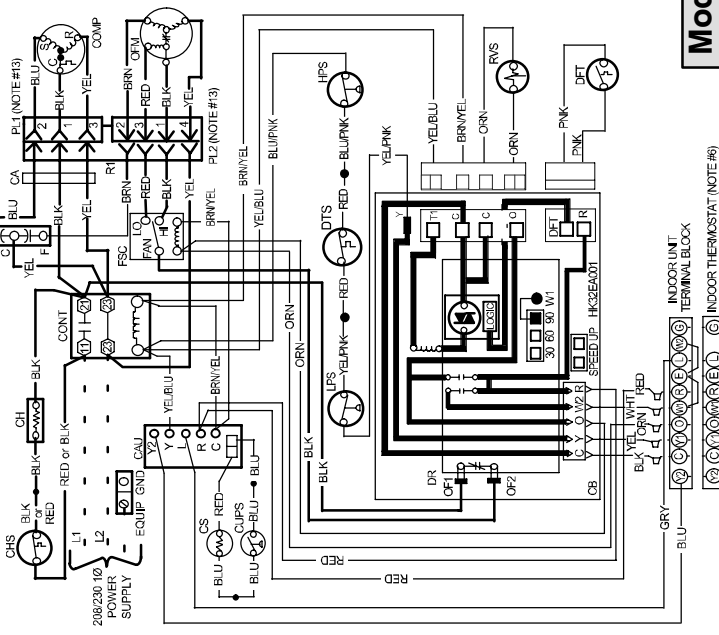
SCHEMATIC DIAGRAM (LADDER FORM)



□ 30 SEC. FIELD SELECTED TIME PERIOD
 □ 30 SEC. BETWEEN DEFROST CYCLES (MINUTES)
 □ 14 MIN. TEST PINS (USE METAL OBJECT) FIELD SPEED-UP CYCLE
 UP SPEED CYCLE: 30 MIN. ACCELERATED TO 21 SEC.
 HEAT CYCLE: 30 MIN. ACCELERATED TO 14 SEC.
 30 MIN. ACCELERATED TO 7 SEC.
 DEFROST CYCLE: 10 MIN. ACCELERATED TO 2 SEC.

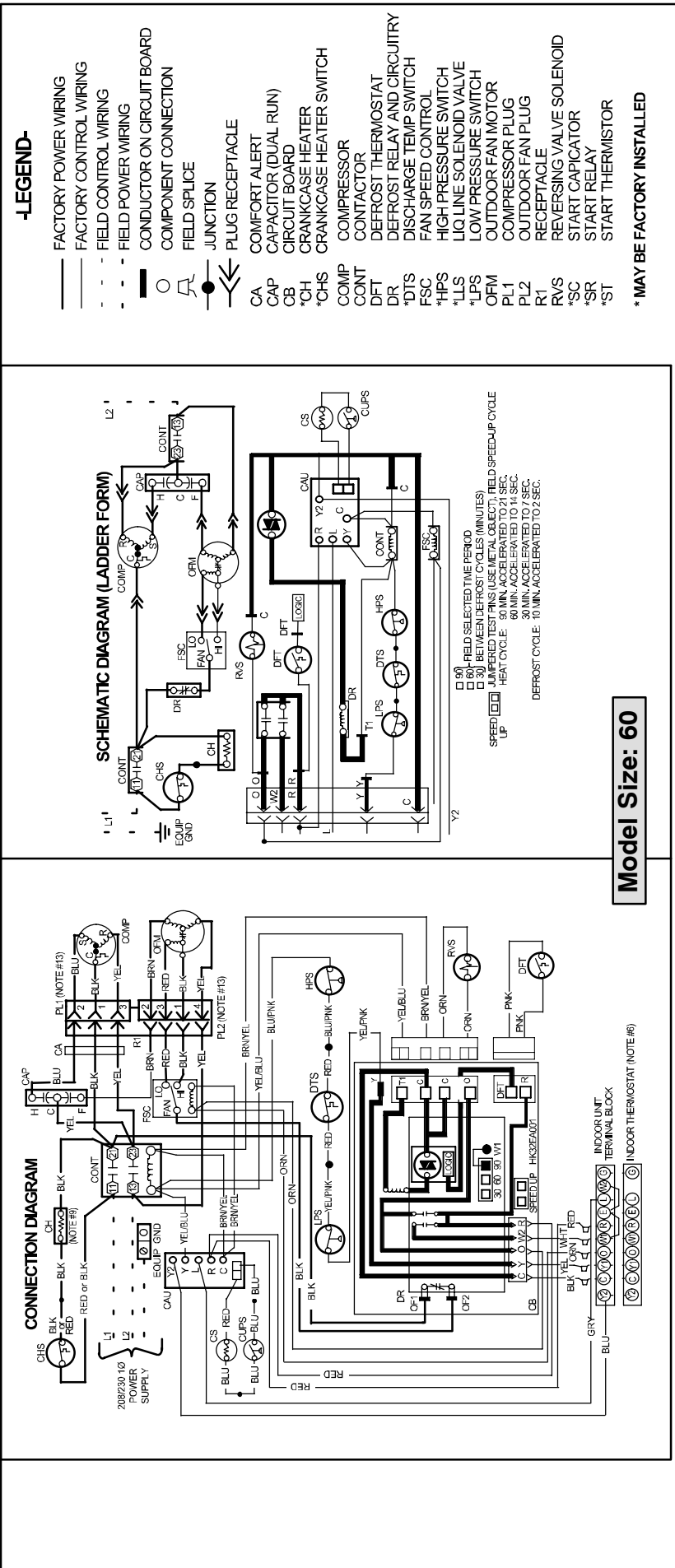
Model Sizes: 24, 36, 48

CONNECTION DIAGRAM



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 75°C (167°F).
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-410A CHARGING CHART

- Find the required Subcooling Temperature on the unit Rating Plate. Use the closest column on the chart below (6, 8, 10, 12, 14 or 16) .
- Add or remove refrigerant until both the Liquid Line Temperature and Liquid Pressure agree with chart data.

Measured Liquid Pressure (psig)	Rating Plate (required) Subcooling Temperature (°F)					
	6	8	10	12	14	16
	Required Liquid Line Temperature (°F)					
189	60	58	56	54	52	50
195	62	60	58	56	54	52
202	64	62	60	58	56	54
208	66	64	62	60	58	56
215	68	66	64	62	60	58
222	70	68	66	64	62	60
229	72	70	68	66	64	62
236	74	72	70	68	66	64
243	76	74	72	70	68	66
251	78	76	74	72	70	68
259	80	78	76	74	72	70
266	82	80	78	76	74	72
274	84	82	80	78	76	74
283	86	84	82	80	78	76
291	88	86	84	82	80	78
299	90	88	86	84	82	80
308	92	90	88	86	84	82
317	94	92	90	88	86	84
326	96	94	92	90	88	86
335	98	96	94	92	90	88
345	100	98	96	94	92	90
354	102	100	98	96	94	92
364	104	102	100	98	96	94
374	106	104	102	100	98	96
384	108	106	104	102	100	98
395	110	108	106	104	102	100
406	112	110	108	106	104	102
416	114	112	110	108	106	104
427	116	114	112	110	108	106
439	118	116	114	112	110	108
450	120	118	116	114	112	110
462	122	120	118	116	114	112
474	124	122	120	118	116	114
486	126	124	122	120	118	116
499	128	126	124	122	120	118
511	130	128	126	124	122	120

MULTIPLYING FACTORS

(Refer to pages 6-9)

- † 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.)

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

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

COOLING		36 Size With FVM4X60**** Indoor - NOTE: HIGH-STAGE DATA - BOTH Y AND Y2 MUST BE ENERGIZED																								
		Outdoor Ambient Temperature - Degrees F, Dry Bulb							95							105			115							
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	
																										Entering Indoor Temperature - Degrees F, Wet Bulb
900	MBH†	42.57	38.47	35.54	34.76	32.82	40.37	36.44	33.64	32.89	31.36	38.11	34.35	31.68	30.97	29.85	35.77	32.20	29.65	28.99	28.28	33.34	29.95	27.54	26.93	26.63
	ST†	0.50	0.67	0.70	0.86	1.00	0.51	0.68	0.71	0.89	1.00	0.52	0.70	0.73	0.91	1.00	0.52	0.72	0.75	0.94	1.00	0.54	0.74	0.77	0.98	1.00
	AMPS*	9.60	9.42	9.30	9.27	9.19	10.63	10.45	10.32	10.29	10.22	11.75	11.56	11.42	11.39	11.34	12.98	12.78	12.64	12.60	12.56	14.36	14.15	13.99	13.96	13.94
	HI PR	272	268	264	263	261	314	309	305	304	302	359	354	350	349	347	409	403	398	397	396	463	457	452	451	450
	LO PR	154	141	132	129	123	156	143	134	131	126	159	146	136	134	130	161	148	138	136	133	164	151	141	139	138
1050	MBH†	43.99	39.76	36.75	35.96	34.76	41.65	37.61	34.73	33.98	33.18	39.26	35.40	32.66	31.97	31.55	36.80	33.13	30.52	29.92	29.86	34.24	30.76	28.30	28.08	28.08
	ST†	0.51	0.70	0.73	0.91	1.00	0.52	0.71	0.74	0.94	1.00	0.53	0.73	0.76	0.97	1.00	0.54	0.75	0.78	0.99	1.00	0.56	0.78	0.81	1.00	1.00
	AMPS*	9.75	9.56	9.43	9.40	9.35	10.77	10.59	10.45	10.42	10.39	11.89	11.70	11.55	11.52	11.50	13.12	12.92	12.77	12.74	12.74	14.50	14.28	14.12	14.11	14.11
	HI PR	274	269	266	265	263	316	310	306	306	304	361	355	351	350	350	411	405	400	399	399	465	458	454	453	453
	LO PR	158	145	136	133	130	161	148	138	136	133	163	150	140	138	136	165	152	142	140	140	168	155	144	144	144
1200	MBH†	45.07	40.75	37.68	36.92	36.40	42.63	38.50	35.56	34.89	34.72	40.14	36.19	33.40	32.98	32.98	37.58	33.83	31.18	31.18	31.18	34.92	32.16	28.87	29.29	29.29
	ST†	0.53	0.73	0.76	0.96	1.00	0.54	0.74	0.77	0.98	1.00	0.55	0.77	0.80	1.00	1.00	0.56	0.79	0.82	1.00	1.00	0.58	0.81	0.85	1.00	1.00
	AMPS*	9.88	9.69	9.56	9.53	9.50	10.90	10.71	10.57	10.55	10.54	12.02	11.82	11.68	11.66	11.66	13.25	13.04	12.89	12.89	12.89	14.62	14.42	14.24	14.27	14.27
	HI PR	275	271	267	266	266	317	312	308	307	307	363	357	352	352	352	412	406	401	402	402	466	459	455	456	456
	LO PR	162	149	139	137	135	164	151	141	139	138	166	153	143	142	142	169	155	145	145	145	171	157	147	149	149
1350	MBH†	45.92	41.52	38.41	37.84	37.81	43.40	39.19	36.22	36.03	36.03	40.82	36.81	33.99	34.20	34.20	38.18	34.37	31.70	32.31	32.31	35.43	32.67	29.32	30.32	30.32
	ST†	0.54	0.76	0.79	1.00	1.00	0.56	0.78	0.81	1.00	1.00	0.57	0.80	0.83	1.00	1.00	0.58	0.83	0.86	1.00	1.00	0.60	0.85	0.90	1.00	1.00
	AMPS*	10.00	9.81	9.67	9.66	9.65	11.03	10.83	10.69	10.68	10.68	12.14	11.94	11.79	11.80	11.80	13.37	13.16	13.00	13.04	13.04	14.74	14.52	14.35	14.42	14.42
	HI PR	277	272	268	267	267	318	313	309	309	309	364	358	353	354	354	413	407	402	404	404	467	458	456	458	458
	LO PR	165	152	142	140	140	167	154	143	143	143	169	156	145	147	147	171	158	147	150	150	173	159	149	154	154
HEATING		36 Size With FVM4X60**** Indoor																								
		Outdoor Ambient Temperature - Degrees F, Dry Bulb							37							47			57		67					
CFM	-3	7	17	27	37	47	57	67	75	85	95	105	115	125	135	145	155	165	175	185	195	205	215	225	235	245
900	MBH†	13.44	12.96	12.43	17.27	16.80	16.29	21.34	20.86	20.35	25.69	25.16	24.65	30.62	30.03	29.33	35.95	35.27	34.61	41.95	41.13	40.37	48.33	47.56	46.81	
	T/R	14.40	14.00	13.50	18.80	18.40	18.00	23.60	23.30	22.90	29.00	28.70	28.30	35.30	34.90	34.40	42.40	42.00	41.50	50.80	50.10	49.60	60.00	59.50	59.00	
	AMPS*	7.68	8.10	8.51	8.22	8.66	9.10	8.79	9.25	9.72	9.42	9.90	10.40	10.18	10.68	11.19	11.06	11.60	12.16	12.18	12.74	13.34	13.23	13.87	14.57	
	HI PR	231	248	264	247	264	281	265	282	301	286	304	324	312	332	351	344	364	385	382	403	426	419	442	466	
	LO PR	40	40	40	51	51	52	64	64	65	78	79	79	94	95	95	112	113	113	131	132	133	154	154	155	
1050	MBH†	13.65	13.19	12.67	17.53	17.07	16.57	21.66	21.20	20.69	26.13	25.58	25.06	31.18	30.58	29.99	36.70	36.00	35.31	42.49	41.84	41.20	48.89	48.14	47.52	
	T/R	12.50	12.10	11.80	16.30	16.00	15.60	20.40	20.20	19.90	25.10	24.80	24.50	30.60	30.20	29.90	36.80	36.40	35.90	43.50	43.20	42.90	51.30	50.90	50.60	
	AMPS*	7.62	8.04	8.46	8.10	8.54	8.99	8.60	9.07	9.54	9.17	9.64	10.14	9.84	10.34	10.86	10.64	11.15	11.70	11.38	11.99	12.66	12.45	13.04	13.68	
	HI PR	226	242	259	239	256	274	255	272	290	273	291	310	297	315	335	324	344	365	350	372	396	388	410	432	
	LO PR	40	40	40	51	51	52	64	64	64	78	79	79	94	95	95	111	112	113	131	131	132	151	152	153	
1200	MBH†	13.83	13.37	12.86	17.74	17.29	16.80	21.91	21.46	20.97	26.47	25.93	25.38	31.62	31.00	30.41	37.07	36.56	35.88	42.68	42.10	41.48	46.09	47.48	47.68	
	T/R	11.00	10.70	10.40	14.30	14.10	13.80	18.00	17.80	17.50	22.20	21.90	21.60	27.00	26.70	26.40	32.20	32.10	31.70	37.90	37.70	37.40	41.60	43.40	44.00	
	AMPS*	7.58	8.01	8.43	8.02	8.47	8.92	8.48	8.95	9.42	9.00	9.47	9.96	9.62	10.11	10.62	10.27	10.88	11.40	11.00	11.54	12.10	11.48	12.38	13.13	
	HI PR	222	238	255	233	250	268	247	265	283	264	282	301	285	304	323	306	329	349	333	353	373	350	383	410	
	LO PR	40	40	40	51	51	51	64	64	64	78	78	79	94	94	95	111	112	112	129	130	131	141	148	151	
1350	MBH†	13.97	13.53	13.02	17.91	17.47	16.99	22.11	21.67	21.19	26.76	26.20	25.64	31.96	31.34	30.74	37.13	36.65	36.16	41.35	42.03	41.56	41.89	43.36	44.66	
	T/R	9.90	9.60	9.40	12.80	12.60	12.40	16.10	15.90	15.70	19.80	19.60	19.30	24.10	23.80	23.60	28.50	28.40	28.20	32.30	33.20	33.10	33.10	34.70	36.10	
	AMPS*	7.57	8.00	8.43	7.98	8.43	8.88	8.41	8.87	9.34	8.89	9.36	9.85	9.49	9.97	10.47	10.02	10.55	11.14	10.58	11.28	11.83	10.62	11.43	12.28	
	HI PR	218	235	252	229	246	263	241	259	277	257	275	293	276	295	314	294	314	335	315	340	361	316	346	377	
	LO PR	40	40	40	51	51	51	64	64	64	78	78	79	94	94	94	110	111	112	124	129	130	128	134	141	

COOLING Multiplying Factors for other Indoor Combinations															
Indoor Model	Furnace Model	Low			High			Indoor Model	Furnace Model	Low			High		
		Capac. (MBh)	Power (AMPS)	Power (AMPS)	Capac. (MBh)	Power (AMPS)	Power (AMPS)			Capac. (MBh)	Power (AMPS)	Power (AMPS)	Capac. (MBh)	Power (AMPS)	Power (AMPS)
(C,H,T)4H524															
>FVM4X36***		1.00	1.00	1.00	1.00	1.00	EHD4X36A**	*8MPV075***C	1.03	1.02	1.03	1.03	1.04		
FVM4X24***		1.00	1.01	0.99	1.01	1.01	EHD4X36A**	*9MPV050***D	1.01	1.02	1.02	1.01	1.04		
ED*4X30B**	*8MPV050***C	1.01	1.04	1.00	1.07	1.00	EHD4X36A**	*9MPV075***D	1.02	1.03	1.02	1.02	1.04		
ED*4X30F**	*8MPV075***C	1.02	1.03	1.02	1.04	1.02	EHD4X36A**	*9MPV100***D	1.03	1.04	1.03	1.03	1.04		
ED*4X30F**	*8MPV050***D	1.00	1.02	1.00	1.04	1.00	EHD4X36A**	*9MPV125***D	1.05	1.03	1.04	1.04	1.04		
ED*4X30F**	*8MPV075***D	1.01	1.03	1.00	1.04	1.00	EXX*24F***	*8MPV050***C	0.99	1.04	0.98	0.99	1.07		
ED*4X36B**	*8MPV050***C	1.02	1.04	1.01	1.07	1.01	EXX*24F***	*8MPV075***C	0.99	1.03	0.98	0.98	1.04		
ED*4X36B**	*8MPV075***C	1.02	1.03	1.01	1.03	1.01	EXX*24F***	*9MPV050***D	0.98	1.03	0.97	0.97	1.04		
ED*4X36B**	*9MPV050***D	1.00	1.02	1.00	1.05	1.00	EXX*24F***	*9MPV075***D	0.98	1.03	0.97	0.97	1.05		
ED*4X36B**	*9MPV075***D	1.01	1.04	1.00	1.05	1.00	EXX*36B***	*8MPV050***C	1.02	1.05	1.01	1.01	1.07		
ED*4X36F**	*8MPV050***C	1.02	1.04	1.01	1.07	1.01	EXX*36B***	*8MPV075***C	1.02	1.03	1.01	1.01	1.04		
ED*4X36F**	*8MPV075***C	1.02	1.02	1.02	1.04	1.02	EXX*36B***	*9MPV050***D	1.00	1.02	0.99	0.99	1.04		
ED*4X36F**	*8MPV100***C	1.05	1.03	1.03	1.04	1.03	EXX*36B***	*9MPV075***D	1.01	1.04	1.00	1.00	1.05		
ED*4X36F**	*9MPV050***D	1.01	1.03	1.00	1.04	1.00	EXX*36F***	*8MPV050***C	1.02	1.05	1.01	1.01	1.07		
ED*4X36F**	*9MPV075***D	1.02	1.04	1.01	1.05	1.01	EXX*36F***	*8MPV075***C	1.02	1.03	1.01	1.01	1.04		
EHD4X30A**	*8MPV075***C	1.01	1.03	1.03	1.05	1.03	EXX*36F***	*8MPV100***C	1.03	1.03	1.03	1.03	1.04		
EHD4X30A**	*8MPV075***C	1.01	1.02	1.01	1.04	1.02	EXX*36F***	*8MPV125***C	1.03	1.02	1.03	1.03	1.03		
EHD4X30A**	*8MPV100***C	1.02	1.02	1.01	1.04	1.01	EXX*36J***	*9MPV050***D	1.00	1.02	0.99	0.99	1.04		
EHD4X30A**	*8MPV075***D	1.02	1.03	1.01	1.04	1.01	EXX*36J***	*9MPV075***D	1.01	1.04	1.00	1.00	1.05		
EHD4X30A**	*8MPV050***C	1.01	1.04	1.01	1.07	1.01	EXX*36J***	*9MPV100***D	1.01	1.03	1.02	1.02	1.05		
EHD4X30A**	*8MPV075***C	1.01	1.02	1.01	1.04	1.01	EXX*36J***	*8MPV075***C	1.02	1.03	1.02	1.02	1.04		
EHD4X30A**	*8MPV125***C	1.03	1.03	1.03	1.03	1.03	EXX*36J***	*8MPV100***C	1.03	1.02	1.03	1.03	1.03		
EHD4X30A**	*9MPV050***D	1.00	1.03	1.00	1.05	1.00	EXX*36J***	*8MPV125***C	1.03	1.02	1.03	1.03	1.03		
EHD4X30A**	*9MPV075***D	1.01	1.04	1.00	1.05	1.00	EXX*36J***	*9MPV050***D	1.00	1.02	1.00	1.00	1.05		
EHD4X30A**	*9MPV100***D	1.01	1.03	1.02	1.05	1.00	EXX*36J***	*9MPV075***D	1.01	1.03	1.00	1.00	1.05		
EHD4X30A**	*9MPV125***D	1.01	1.03	1.02	1.05	1.00	EXX*36J***	*9MPV100***D	1.01	1.03	1.02	1.02	1.05		
EHD4X30A**	*8MPV050***C	1.02	1.03	1.02	1.04	1.02	EXX*36J***	*9MPV125***D	1.02	1.02	1.02	1.02	1.03		
EHD4X36A**	*8MPV050***C	1.03	1.04	1.03	1.07	1.03			1.02	1.02	1.02	1.02	1.03		
(C,H,T)4H736															
>FVM4X60***		1.00	1.00	1.00	1.00	1.00	EL*48F***	*8MPV125***C	0.96	1.03	0.95	0.95	1.04		
FVM4X24***		0.96	1.04	0.95	1.04	0.95	EL*48F***	*9MPV050***D	0.94	1.07	0.93	0.93	1.08		
FVM4X36***		0.97	1.02	0.95	1.01	0.95	EL*48F***	*9MPV075***D	0.95	1.07	0.93	0.93	1.06		
FVM4X48***		0.99	1.01	0.99	1.00	0.99	EL*48F***	*9MPV100***D	0.96	1.05	0.94	0.94	1.05		

> Indicates Tested Indoor Model

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COOLING Multiplying Factors for other Indoor Combinations (continued)													
Indoor Model	Furnace Model	Low		High		Indoor Model	Furnace Model	Low		High		Capac. (MBh)	Power (AMPS)
		Capac. (MBh)	Power (AMPS)	Capac. (MBh)	Power (AMPS)			Capac. (MBh)	Power (AMPS)	Capac. (MBh)	Power (AMPS)		
ED*4X36F**	*8MPV050***C	0.95	1.08	0.93	1.08	EP*36B***	*8MPV050***C	0.91	1.08	0.88	1.08	0.91	1.08
ED*4X36F**	*8MPV075***C	0.97	1.05	0.95	1.05	EP*36F***	*8MPV075***C	0.92	1.06	0.90	1.05	0.92	1.06
ED*4X36F**	*9MPV050***D	0.95	1.06	0.94	1.08	EP*36F***	*9MPV050***D	0.91	1.08	0.89	1.08	0.91	1.08
ED*4X36F**	*9MPV075***D	0.95	1.06	0.94	1.07	EP*36F***	*9MPV075***D	0.91	1.08	0.89	1.06	0.91	1.05
ED*4X36J**	*9MPV100***D	0.98	1.05	0.96	1.05	EP*36J***	*8MPV100***C	0.93	1.05	0.91	1.05	0.93	1.05
ED*4X42J**	*8MPV100***C	0.98	1.04	0.98	1.05	EP*36J***	*8MPV125***C	0.92	1.04	0.91	1.04	0.92	1.04
ED*4X42J**	*8MPV125***C	0.98	1.03	0.98	1.03	EP*36J***	*9MPV100***D	0.92	1.06	0.90	1.05	0.92	1.05
ED*4X42J**	*9MPV100***D	0.98	1.05	0.97	1.05	EP*42F***	*8MPV075***C	0.94	1.06	0.93	1.06	0.94	1.06
ED*4X42L**	*9MPV125***D	0.98	1.04	0.97	1.03	EP*42F***	*9MPV050***D	0.94	1.08	0.92	1.08	0.94	1.08
ED*4X48F**	*8MPV050***C	0.98	1.08	0.97	1.08	EP*42F***	*9MPV075***D	0.93	1.07	0.92	1.06	0.93	1.06
ED*4X48F**	*8MPV075***C	0.99	1.05	0.98	1.06	EP*42J***	*8MPV100***C	0.91	1.07	0.91	1.05	0.91	1.05
ED*4X48F**	*8MPV100***C	1.00	1.04	0.99	1.05	EP*42J***	*8MPV125***C	0.90	1.06	0.90	1.05	0.90	1.05
ED*4X48F**	*8MPV125***C	1.00	1.03	0.99	1.03	EP*42J***	*9MPV100***D	0.90	1.08	0.90	1.06	0.90	1.06
ED*4X48J**	*8MPV050***D	0.98	1.06	0.97	1.09	EP*48F***	*8MPV050***C	0.94	1.07	0.93	1.07	0.94	1.07
ED*4X48J**	*8MPV075***D	0.98	1.07	0.98	1.08	EP*48F***	*8MPV075***C	0.96	1.06	0.94	1.06	0.96	1.06
ED*4X48J**	*8MPV100***D	1.00	1.05	0.99	1.05	EP*48F***	*8MPV100***C	0.97	1.05	0.95	1.04	0.97	1.04
ED*4X48J**	*8MPV125***D	0.98	1.06	0.97	1.08	EP*48F***	*9MPV100***D	0.96	1.05	0.94	1.05	0.96	1.05
ED*4X48L**	*9MPV050***D	0.98	1.06	0.97	1.07	EP*48J***	*8MPV075***C	0.97	1.05	0.95	1.04	0.97	1.04
ED*4X48L**	*9MPV075***D	0.98	1.06	0.99	1.07	EP*48J***	*8MPV125***C	0.97	1.05	0.95	1.04	0.97	1.04
ED*4X48L**	*9MPV100***D	0.99	1.04	0.99	1.05	EP*48J***	*8MPV100***C	0.98	1.04	0.96	1.04	0.98	1.04
ED*4X48L**	*9MPV125***D	0.99	1.04	0.99	1.04	EP*48J***	*8MPV125***C	0.97	1.03	0.96	1.03	0.97	1.03
EHD4X36A**	*8MPV075***C	0.98	1.05	0.98	1.06	EP*48L***	*8MPV125***C	0.97	1.03	0.96	1.03	0.97	1.03
EHD4X36A**	*8MPV100***C	0.99	1.04	0.99	1.05	EP*48L***	*9MPV100***D	0.97	1.05	0.96	1.06	0.97	1.06
EHD4X36A**	*8MPV125***C	0.98	1.03	0.99	1.04	EP*48L***	*9MPV125***D	0.97	1.05	0.96	1.06	0.97	1.06
EHD4X36A**	*9MPV050***D	0.97	1.06	0.97	1.08	EP*48L***	*8MPV100***C	0.98	1.04	0.97	1.04	0.98	1.04
EHD4X36A**	*9MPV075***D	0.97	1.06	0.97	1.08	EP*48L***	*8MPV125***C	0.98	1.04	0.97	1.05	0.98	1.05
EHD4X36A**	*9MPV100***D	0.98	1.06	0.97	1.07	EP*48L***	*9MPV100***D	0.98	1.04	0.96	1.03	0.98	1.03
EHD4X36A**	*9MPV125***D	0.98	1.05	0.98	1.06	EP*48L***	*9MPV125***C	0.98	1.05	0.96	1.06	0.98	1.06
EHD4X36A**	*9MPV100***C	0.98	1.04	0.98	1.05	EP*48L***	*8MPV100***C	0.98	1.05	0.96	1.05	0.98	1.05
EHD4X36A**	*9MPV125***C	0.98	1.04	0.98	1.05	EP*48L***	*9MPV125***D	0.98	1.05	0.96	1.06	0.98	1.06

> Indicates Tested Indoor Model

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COOLING Multiplying Factors for other Indoor Combinations (continued)											
Indoor Model	Furnace Model	Low		High		Indoor Model	Furnace Model	Low		High	
		Capac. (MBh)	Power (AMPS)	Capac. (MBh)	Power (AMPS)			Capac. (MBh)	Power (AMPS)	Capac. (MBh)	Power (AMPS)
EHD4X42A**	*8MPV050***C	0.98	1.07	0.97	1.08	EXX*36B****	*8MPV050***C	0.95	1.08	0.93	1.08
EHD4X42A**	*8MPV075***C	0.99	1.05	0.98	1.06	EXX*36F****	*8MPV075***C	0.96	1.06	0.94	1.06
EHD4X42A**	*8MPV100***C	1.00	1.04	0.99	1.04	EXX*36F****	*9MPV050***D	0.94	1.07	0.93	1.08
EHD4X42A**	*8MPV125***C	0.99	1.03	0.99	1.03	EXX*36F****	*9MPV075***D	0.94	1.07	0.94	1.07
EHD4X42A**	*9MPV050***D	0.98	1.06	0.97	1.09	EXX*36J****	*8MPV100***C	0.97	1.04	0.96	1.05
EHD4X42A**	*9MPV075***D	0.98	1.06	0.97	1.07	EXX*36J****	*8MPV125***C	0.97	1.04	0.96	1.04
EHD4X42A**	*9MPV100***D	1.00	1.05	0.99	1.05	EXX*36J****	*9MPV100***D	0.97	1.06	0.95	1.05
EHD4X42A**	*9MPV125***D	0.99	1.04	0.99	1.05	EXX*42F****	*8MPV075***C	0.97	1.05	0.96	1.06
EHD4X48A**	*8MPV050***C	0.98	1.07	0.97	1.09	EXX*42F****	*9MPV050***D	0.96	1.07	0.95	1.08
EHD4X48A**	*8MPV075***C	0.99	1.05	0.99	1.05	EXX*42F****	*9MPV075***D	0.96	1.07	0.95	1.07
EHD4X48A**	*8MPV100***C	1.01	1.04	1.00	1.05	EXX*42J****	*8MPV100***C	0.98	1.05	0.97	1.05
EHD4X48A**	*8MPV125***C	1.00	1.03	1.00	1.04	EXX*42J****	*8MPV125***C	0.98	1.04	0.97	1.03
EHD4X48A**	*9MPV050***D	0.98	1.06	0.97	1.08	EXX*42J****	*9MPV100***D	0.98	1.05	0.97	1.05
EHD4X48A**	*9MPV075***D	0.98	1.06	0.98	1.07	EXX*48J****	*8MPV100***C	0.98	1.04	0.98	1.05
EHD4X48A**	*9MPV100***D	1.00	1.05	0.99	1.06	EXX*48J****	*8MPV125***C	0.98	1.03	0.98	1.04
EHD4X48A**	*9MPV125***D	1.00	1.04	0.99	1.04	EXX*48J****	*9MPV100***D	0.98	1.05	0.97	1.05
EL*36B****	*8MPV050***C	0.91	1.08	0.88	1.07	EXX*48J****	*9MPV125***D	0.98	1.05	0.97	1.04
EL*36F****	*8MPV075***C	0.92	1.06	0.90	1.05	EXX*48L****	*8MPV100***C	0.98	1.04	0.98	1.05
EL*36F****	*9MPV050***D	0.91	1.08	0.89	1.08	EXX*48L****	*8MPV125***C	0.98	1.03	0.98	1.04
EL*36F****	*9MPV075***D	0.91	1.08	0.89	1.06	EXX*48L****	*9MPV100***D	0.98	1.05	0.97	1.05
EL*42F****	*8MPV075***C	0.94	1.06	0.93	1.06	EXX*48L****	*9MPV125***D	0.98	1.05	0.97	1.04
EL*42F****	*9MPV050***D	0.94	1.08	0.92	1.08	EXX*48N****	*8MPV100***C	0.98	1.04	0.98	1.05
EL*42F****	*9MPV075***D	0.93	1.07	0.92	1.06	EXX*48N****	*8MPV125***C	0.98	1.03	0.98	1.04
EL*48F****	*8MPV050***C	0.94	1.07	0.93	1.07	EXX*48N****	*9MPV100***D	0.98	1.05	0.97	1.05
EL*48F****	*8MPV075***C	0.96	1.06	0.94	1.06	EXX*48N****	*9MPV125***D	0.98	1.05	0.97	1.04
EL*48F****	*8MPV100***C	0.97	1.05	0.95	1.04						

(C,H,T)4H548

>FVM4X60****		1.00	1.00	1.00	1.00	EHD4X60A**	*9MPV100***D	0.99	1.04	0.99	1.06
FVM4X48****		0.99	1.01	0.98	1.00	EHD4X60A**	*9MPV125***D	0.99	1.03	0.99	1.05
ED*4X48J**	*8MPV100***C	0.98	1.04	0.97	1.04	EL*60J****	*8MPV100***C	0.96	1.04	0.96	1.05
ED*4X48J**	*8MPV125***C	0.97	1.02	0.97	1.04	EL*60J****	*8MPV125***C	0.96	1.03	0.96	1.03
ED*4X48J**	*9MPV100***D	0.97	1.05	0.96	1.06	EL*60J****	*9MPV100***D	0.96	1.05	0.95	1.06
ED*4X48L**	*9MPV125***D	0.97	1.04	0.96	1.04	EP*48J****	*8MPV100***C	0.94	1.04	0.92	1.04
ED*4X60J**	*8MPV100***C	1.00	1.03	0.99	1.04	EP*48J****	*8MPV125***C	0.94	1.03	0.92	1.04
ED*4X60J**	*8MPV125***C	0.99	1.02	0.99	1.03	EP*48J****	*9MPV100***D	0.94	1.05	0.92	1.06

> Indicates Tested Indoor Model

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COOLING Multiplying Factors for other Indoor Combinations (continued)													
Indoor Model	Furnace Model	Low			High			Indoor Model	Furnace Model	Low			High
		Capac. (MBh)	Power (AMPS)	Power (AMPS)	Capac. (MBh)	Power (AMPS)	Power (AMPS)			Capac. (MBh)	Power (AMPS)	Power (AMPS)	
ED*4X60J**	*8MPV100***D	0.99	1.04	1.06	0.99	1.06	EP*48L****	*9MPV125***D	0.94	1.05	0.92	1.04	
ED*4X60L**	*9MPV125***D	0.99	1.03	1.05	0.99	1.05	EP*60J****	*8MPV100***C	0.96	1.04	0.96	1.05	
EHD4X48A**	*8MPV100***C	0.98	1.04	1.05	0.98	1.05	EP*60J****	*8MPV125***C	0.96	1.03	0.96	1.03	
EHD4X48A**	*8MPV125***C	0.98	1.02	1.04	0.98	1.04	EP*60J****	*9MPV100***D	0.96	1.05	0.95	1.06	
EHD4X48A**	*9MPV100***D	0.98	1.04	1.06	0.97	1.06	EP*60L****	*9MPV125***D	0.96	1.04	0.95	1.04	
EHD4X48A**	*9MPV125***D	0.98	1.04	1.04	0.97	1.04	EXX*48J****	*9MPV125***D	0.95	1.04	0.95	1.05	
EHD4X60A**	*8MPV100***C	1.00	1.03	1.05	1.00	1.05	EXX*48L****	*9MPV125***D	0.95	1.04	0.95	1.05	
EHD4X60A**	*8MPV125***C	0.99	1.02	1.04	1.00	1.04	EXX*60L****	*9MPV125***D	0.99	1.04	0.99	1.05	
(C,H,T)4H560													
>FVM4X60****		1.00	1.00	1.00	1.00	1.00	EL*60J****	*8MPV100***C	0.95	1.04	0.94	1.06	
ED*4X60J**	*8MPV100***C	0.99	1.04	1.06	0.99	1.06	EL*60J****	*8MPV125***C	0.95	1.02	0.94	1.03	
ED*4X60J**	*8MPV125***C	0.99	1.02	1.04	0.99	1.04	EL*60J****	*9MPV100***D	0.95	1.06	0.94	1.07	
ED*4X60J**	*9MPV100***D	0.99	1.06	1.08	0.98	1.08	EP*60J****	*8MPV100***C	0.95	1.04	0.94	1.06	
ED*4X60L**	*8MPV125***D	0.98	1.04	1.07	0.98	1.07	EP*60J****	*8MPV125***C	0.95	1.02	0.94	1.03	
EHD4X60A**	*8MPV100***C	0.99	1.04	1.05	0.99	1.05	EP*60J****	*9MPV100***D	0.95	1.06	0.94	1.07	
EHD4X60A**	*8MPV125***C	0.99	1.02	1.04	0.99	1.04	EP*60L****	*9MPV125***D	0.95	1.05	0.94	1.06	
EHD4X60A**	*9MPV100***D	0.99	1.05	1.07	0.99	1.07	EXX*60L****	*9MPV125***D	0.99	1.05	0.99	1.06	
EHD4X60A**	*9MPV125***D	0.99	1.04	1.06	0.99	1.06							

> Indicates Tested Indoor Model

HEATING Multiplying Factors for other Indoor Combinations															
Indoor Model	Furnace Model	Low			High			Indoor Model	Furnace Model	Low			High		
		Capac. (MBh)	Power (AMPS)	Power (AMPS)	Capac. (MBh)	Power (AMPS)	Power (AMPS)			Capac. (MBh)	Power (AMPS)	Power (AMPS)	Capac. (MBh)	Power (AMPS)	Power (AMPS)
(C,H,T)4H524															
>FVM4X36***		1.00	1.00	1.00	1.00	1.00	EHD4X36A**	*8MPV075***C	1.01	0.99	1.01	1.01	1.02		
FVM4X24****		0.99	0.97	0.98	0.94	0.94	EHD4X36A**	*9MPV050***D	1.01	1.00	1.01	1.01	1.02		
ED*4X30B**	*8MPV050***C	1.01	1.03	1.02	1.06	1.06	EHD4X36A**	*9MPV075***D	1.01	1.00	1.01	1.02	1.03		
ED*4X30F**	*8MPV075***C	1.00	1.00	1.01	1.03	1.03	EHD4X36A**	*9MPV100***D	1.01	0.99	1.01	1.02	1.03		
ED*4X30F**	*9MPV050***D	1.00	1.02	1.01	1.04	1.04	EHD4X36A**	*9MPV125***D	1.01	0.98	1.01	1.01	1.02		
ED*4X30F**	*9MPV075***D	1.00	1.01	1.01	1.04	1.04	EXX*24B***	*8MPV050***C	1.00	1.04	1.01	1.01	1.06		
ED*4X36B**	*8MPV050***C	1.01	1.02	1.02	1.06	1.06	EXX*24F***	*8MPV075***C	1.00	1.03	1.00	1.01	1.05		
ED*4X36B**	*8MPV075***C	1.00	1.00	1.01	1.03	1.03	EXX*24F***	*9MPV050***D	0.99	1.05	1.00	1.00	1.05		
ED*4X36B**	*9MPV050***D	1.00	1.01	1.01	1.04	1.04	EXX*24F***	*9MPV075***D	1.00	1.05	1.00	1.00	1.05		
ED*4X36B**	*9MPV075***D	1.00	1.01	1.01	1.04	1.04	EXX*36B***	*8MPV050***C	1.01	1.00	1.02	1.02	1.05		
ED*4X36F**	*8MPV050***C	1.01	1.01	1.02	1.05	1.05	EXX*36B***	*8MPV075***C	1.01	0.99	1.01	1.01	1.02		
ED*4X36F**	*8MPV075***C	1.01	1.00	1.01	1.03	1.03	EXX*36B***	*9MPV050***D	1.00	1.00	1.01	1.01	1.03		
ED*4X36F**	*8MPV100***C	1.01	0.99	1.01	1.02	1.02	EXX*36B***	*9MPV075***D	1.01	1.01	1.01	1.01	1.03		
ED*4X36F**	*9MPV050***D	1.00	1.01	1.01	1.04	1.04	EXX*36F***	*8MPV050***C	1.01	1.00	1.02	1.02	1.05		
ED*4X36F**	*9MPV075***D	1.01	1.02	1.01	1.04	1.04	EXX*36F***	*8MPV075***C	1.01	0.99	1.01	1.01	1.02		
ED*4X36J**	*8MPV075***C	1.01	1.00	1.01	1.03	1.03	EXX*36F***	*8MPV100***C	1.01	0.99	1.01	1.01	1.02		
ED*4X36J**	*9MPV050***D	1.00	1.00	1.01	1.03	1.03	EXX*36F***	*8MPV125***C	1.01	0.99	1.01	1.01	1.03		
ED*4X36J**	*9MPV075***D	1.01	1.01	1.01	1.03	1.03	EXX*36F***	*9MPV050***D	1.00	1.00	1.01	1.01	1.03		
EHD4X30A**	*8MPV050***C	1.01	1.02	1.02	1.06	1.06	EXX*36F***	*9MPV075***D	1.01	1.01	1.01	1.01	1.03		
EHD4X30A**	*8MPV075***C	1.00	1.01	1.01	1.03	1.03	EXX*36J***	*9MPV100***D	1.01	0.99	1.01	1.01	1.02		
EHD4X30A**	*8MPV100***C	1.00	1.00	1.01	1.03	1.03	EXX*36J***	*8MPV075***C	1.01	0.98	1.01	1.01	1.02		
EHD4X30A**	*8MPV125***C	1.01	1.00	1.01	1.03	1.03	EXX*36J***	*8MPV125***C	1.01	0.98	1.01	1.01	1.02		
EHD4X30A**	*9MPV050***D	1.00	1.02	1.01	1.04	1.04	EXX*36J***	*9MPV050***D	1.00	1.00	1.01	1.01	1.03		
EHD4X30A**	*9MPV075***D	1.00	1.02	1.01	1.04	1.04	EXX*36J***	*9MPV075***D	1.01	1.00	1.01	1.01	1.03		
EHD4X30A**	*9MPV100***D	1.00	1.01	1.01	1.04	1.04	EXX*36J***	*9MPV100***D	1.01	1.00	1.01	1.01	1.03		
EHD4X30A**	*8MPV050***C	1.01	1.00	1.02	1.03	1.03	EXX*36J***	*9MPV125***D	1.01	0.99	1.01	1.01	1.02		
(C,H,T)4H736															
>FVM4X60***		1.00	1.00	1.00	1.00	1.00	EL*48F***	*8MPV125***C	1.00	1.05	1.00	1.00	1.07		
FVM4X24****		0.99	1.07	0.99	1.09	1.09	EL*48F***	*9MPV050***D	1.00	1.10	1.01	1.01	1.14		
FVM4X36****		0.98	1.05	0.98	1.07	1.07	EL*48F***	*9MPV075***D	1.00	1.10	1.01	1.01	1.13		
FVM4X48****		1.00	1.02	1.00	1.03	1.03	EL*48F***	*9MPV100***D	1.01	1.07	1.01	1.01	1.09		

> Indicates Tested Indoor Model

- continued on next page -

HEATING Multiplying Factors for other Indoor Combinations (continued)

Indoor Model	Furnace Model	Low		High		Indoor Model	Furnace Model	Low		High	
		Capac. (MBh)	Power (AMPS)	Capac. (MBh)	Power (AMPS)			Capac. (MBh)	Power (AMPS)	Capac. (MBh)	Power (AMPS)
ED*4X36B**	*8MPV050**C	1.00	1.12	1.00	1.16	EP*36B****	*8MPV050**C	0.98	1.15	0.98	1.20
ED*4X36F**	*8MPV075**C	1.00	1.07	1.00	1.11	EP*36F****	*8MPV075**C	0.98	1.11	0.98	1.14
ED*4X36F**	*9MPV050**D	0.99	1.10	1.01	1.15	EP*36F****	*9MPV050**D	0.98	1.14	0.99	1.18
ED*4X36F**	*9MPV075**D	1.00	1.11	1.00	1.13	EP*36F****	*9MPV075**D	0.98	1.14	0.99	1.18
ED*4X36J**	*9MPV100**D	1.01	1.06	1.01	1.09	EP*36J****	*8MPV100**C	0.99	1.09	0.99	1.12
ED*4X42J**	*8MPV100**C	1.01	1.04	1.01	1.07	EP*36J****	*8MPV125**C	0.98	1.09	0.98	1.12
ED*4X42J**	*8MPV125**C	1.00	1.03	1.01	1.06	EP*36J****	*9MPV100**D	0.99	1.11	0.99	1.14
ED*4X42J**	*9MPV100**D	1.01	1.05	1.01	1.08	EP*42F****	*8MPV075**C	0.99	1.09	0.99	1.12
ED*4X42L**	*9MPV125**D	1.01	1.04	1.01	1.06	EP*42F****	*9MPV050**D	0.99	1.12	1.00	1.16
ED*4X48F**	*8MPV050**C	1.02	1.08	1.02	1.11	EP*42F****	*9MPV075**D	0.99	1.12	0.99	1.15
ED*4X48F**	*8MPV075**C	1.02	1.04	1.02	1.06	EP*42J****	*8MPV100**C	0.97	1.16	0.99	1.16
ED*4X48F**	*8MPV100**C	1.02	1.02	1.03	1.04	EP*42J****	*8MPV125**C	0.95	1.17	0.98	1.15
ED*4X48F**	*8MPV125**C	1.02	1.03	1.02	1.03	EP*42J****	*9MPV100**D	0.96	1.18	0.98	1.18
ED*4X48F**	*9MPV050**D	1.01	1.07	1.02	1.10	EP*48F****	*8MPV050**C	1.00	1.10	1.01	1.15
ED*4X48F**	*9MPV075**D	1.02	1.07	1.02	1.08	EP*48F****	*8MPV075**C	1.00	1.07	1.01	1.10
ED*4X48F**	*9MPV100**D	1.02	1.03	1.02	1.05	EP*48F****	*8MPV100**C	1.01	1.06	1.01	1.08
ED*4X48J**	*8MPV075**C	1.02	1.04	1.02	1.06	EP*48F****	*8MPV125**C	1.00	1.05	1.00	1.07
ED*4X48J**	*8MPV100**C	1.02	1.02	1.02	1.04	EP*48F****	*9MPV050**D	1.00	1.10	1.01	1.14
ED*4X48J**	*8MPV125**C	1.02	1.02	1.02	1.03	EP*48F****	*9MPV075**D	1.00	1.10	1.01	1.13
ED*4X48J**	*9MPV050**D	1.01	1.07	1.02	1.11	EP*48F****	*9MPV100**D	1.01	1.07	1.01	1.09
ED*4X48J**	*9MPV075**D	1.01	1.07	1.02	1.09	EP*48J****	*8MPV075**C	1.01	1.06	1.01	1.08
ED*4X48J**	*9MPV100**D	1.02	1.03	1.02	1.05	EP*48J****	*8MPV100**C	1.01	1.04	1.01	1.06
ED*4X48J**	*9MPV125**D	1.02	1.03	1.02	1.04	EP*48J****	*8MPV125**C	1.00	1.04	1.01	1.05
ED*4X48L**	*8MPV100**C	1.02	1.02	1.02	1.04	EP*48L****	*9MPV050**D	1.00	1.09	1.01	1.12
ED*4X48L**	*8MPV125**C	1.01	1.02	1.02	1.03	EP*48L****	*9MPV075**D	1.00	1.08	1.01	1.11
ED*4X48L**	*9MPV100**D	1.02	1.03	1.02	1.05	EP*48L****	*9MPV100**D	1.01	1.05	1.01	1.08
ED*4X48L**	*9MPV125**D	1.02	1.03	1.02	1.04	EP*48L****	*9MPV125**D	1.01	1.05	1.01	1.07
EHD4X36A**	*8MPV050**C	1.01	1.09	1.01	1.12	EP*48L****	*8MPV100**C	1.01	1.04	1.01	1.06
EHD4X36A**	*8MPV075**C	1.01	1.06	1.01	1.08	EP*48L****	*8MPV125**C	1.00	1.04	1.01	1.06
EHD4X36A**	*8MPV100**C	1.02	1.04	1.02	1.06	EP*48L****	*9MPV100**D	1.01	1.05	1.01	1.07
EHD4X36A**	*8MPV125**C	1.01	1.04	1.01	1.05	EP*48L****	*9MPV125**D	1.01	1.05	1.01	1.07
EHD4X36A**	*9MPV050**D	1.00	1.08	1.02	1.12	EP*48J****	*8MPV100**C	1.01	1.03	1.01	1.06
EHD4X36A**	*9MPV075**D	1.01	1.09	1.01	1.10	EP*48J****	*8MPV125**C	1.01	1.04	1.01	1.06
EHD4X36A**	*9MPV100**D	1.01	1.05	1.02	1.07	EP*48J****	*9MPV100**D	1.01	1.04	1.01	1.07
EHD4X36A**	*9MPV125**D	1.01	1.05	1.02	1.06	EP*48J****	*9MPV125**D	1.01	1.04	1.01	1.06

> Indicates Tested Indoor Model

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HEATING Multiplying Factors for other Indoor Combinations (continued)

Indoor Model	Furnace Model	Low		High		Indoor Model	Furnace Model	Low		High	
		Capac. (MBh)	Power (AMPS)	Capac. (MBh)	Power (AMPS)			Capac. (MBh)	Power (AMPS)	Capac. (MBh)	Power (AMPS)
EHD4X42A**	*8MPV050***C	1.01	1.08	1.02	1.11	EXX*36B***	*8MPV050***C	1.00	1.11	1.00	1.15
EHD4X42A**	*8MPV075***C	1.02	1.05	1.02	1.06	EXX*36F***	*8MPV075***C	1.00	1.08	1.00	1.11
EHD4X42A**	*8MPV100***C	1.02	1.03	1.02	1.04	EXX*36F***	*9MPV050***D	0.99	1.10	1.01	1.15
EHD4X42A**	*8MPV125***C	1.01	1.03	1.02	1.04	EXX*36F***	*9MPV075***D	0.99	1.10	1.00	1.13
EHD4X42A**	*9MPV050***D	1.01	1.08	1.02	1.10	EXX*36J***	*8MPV100***C	1.01	1.06	1.01	1.08
EHD4X42A**	*9MPV075***D	1.01	1.08	1.02	1.09	EXX*36J***	*8MPV125***C	1.00	1.06	1.01	1.07
EHD4X42A**	*9MPV100***D	1.02	1.04	1.02	1.06	EXX*36J***	*9MPV100***D	1.01	1.07	1.01	1.09
EHD4X42A**	*9MPV125***D	1.02	1.04	1.02	1.04	EXX*42F***	*8MPV075***C	1.01	1.07	1.01	1.08
EHD4X48A**	*8MPV050***C	1.02	1.08	1.02	1.10	EXX*42F***	*9MPV050***D	1.00	1.09	1.02	1.12
EHD4X48A**	*8MPV075***C	1.02	1.05	1.02	1.06	EXX*42F***	*9MPV075***D	1.00	1.09	1.01	1.11
EHD4X48A**	*8MPV100***C	1.02	1.02	1.02	1.04	EXX*42J***	*8MPV100***C	1.01	1.04	1.02	1.06
EHD4X48A**	*8MPV125***C	1.01	1.02	1.02	1.03	EXX*42J***	*8MPV125***C	1.00	1.05	1.01	1.06
EHD4X48A**	*9MPV050***D	1.01	1.07	1.02	1.10	EXX*42J***	*9MPV100***D	1.01	1.06	1.02	1.08
EHD4X48A**	*9MPV075***D	1.01	1.07	1.02	1.08	EXX*48J***	*8MPV100***C	1.02	1.03	1.02	1.05
EHD4X48A**	*9MPV100***D	1.02	1.03	1.02	1.05	EXX*48J***	*8MPV125***C	1.01	1.03	1.02	1.04
EHD4X48A**	*9MPV125***D	1.02	1.03	1.02	1.04	EXX*48J***	*9MPV100***D	1.02	1.04	1.02	1.06
EL*36B***	*8MPV050***C	0.98	1.15	0.98	1.20	EXX*48J***	*9MPV125***D	1.02	1.04	1.02	1.05
EL*36F***	*8MPV075***C	0.98	1.11	0.98	1.14	EXX*48L***	*8MPV100***C	1.02	1.03	1.02	1.05
EL*36F***	*9MPV050***D	0.98	1.14	0.99	1.18	EXX*48L***	*8MPV125***C	1.01	1.03	1.02	1.04
EL*36F***	*9MPV075***D	0.98	1.14	0.98	1.17	EXX*48L***	*9MPV100***D	1.02	1.04	1.02	1.06
EL*42F***	*8MPV075***C	0.99	1.09	0.99	1.12	EXX*48L***	*9MPV125***D	1.02	1.04	1.02	1.05
EL*42F***	*9MPV050***D	0.99	1.12	1.00	1.16	EXX*48N***	*8MPV100***C	1.02	1.03	1.02	1.05
EL*42F***	*9MPV075***D	0.99	1.12	0.99	1.15	EXX*48N***	*8MPV125***C	1.01	1.03	1.02	1.04
EL*48F***	*8MPV050***C	1.00	1.10	1.01	1.15	EXX*48N***	*9MPV100***D	1.02	1.04	1.02	1.06
EL*48F***	*8MPV075***C	1.00	1.07	1.01	1.10	EXX*48N***	*9MPV125***D	1.02	1.04	1.02	1.05
EL*48F***	*8MPV100***C	1.01	1.06	1.01	1.08						

(C,H,T)4H548

>FVM4X60***		1.00	1.00	1.00	1.00	EHD4X60A**	*9MPV100***D	1.01	1.04	1.03	1.07
FVM4X48***		1.00	1.03	1.00	1.04	EHD4X60A**	*9MPV125***D	1.01	1.03	1.03	1.07
ED*4X48J**	*8MPV100***C	1.01	1.05	1.02	1.08	EL*60J***	*8MPV100***C	1.01	1.04	1.03	1.08
ED*4X48J**	*8MPV125***C	1.00	1.04	1.02	1.07	EL*60J***	*8MPV125***C	1.00	1.04	1.02	1.07
ED*4X48J**	*9MPV100***D	1.01	1.06	1.03	1.10	EL*60J***	*9MPV100***D	1.01	1.05	1.03	1.10
ED*4X48L**	*9MPV125***D	1.01	1.05	1.02	1.08	EP*48J***	*8MPV100***C	0.99	1.07	1.02	1.12
ED*4X60J**	*8MPV100***C	1.01	1.03	1.02	1.06	EP*48J***	*8MPV125***C	0.99	1.07	1.01	1.10
ED*4X60J**	*8MPV125***C	1.01	1.02	1.02	1.05	EP*48J***	*9MPV100***D	0.99	1.08	1.02	1.13

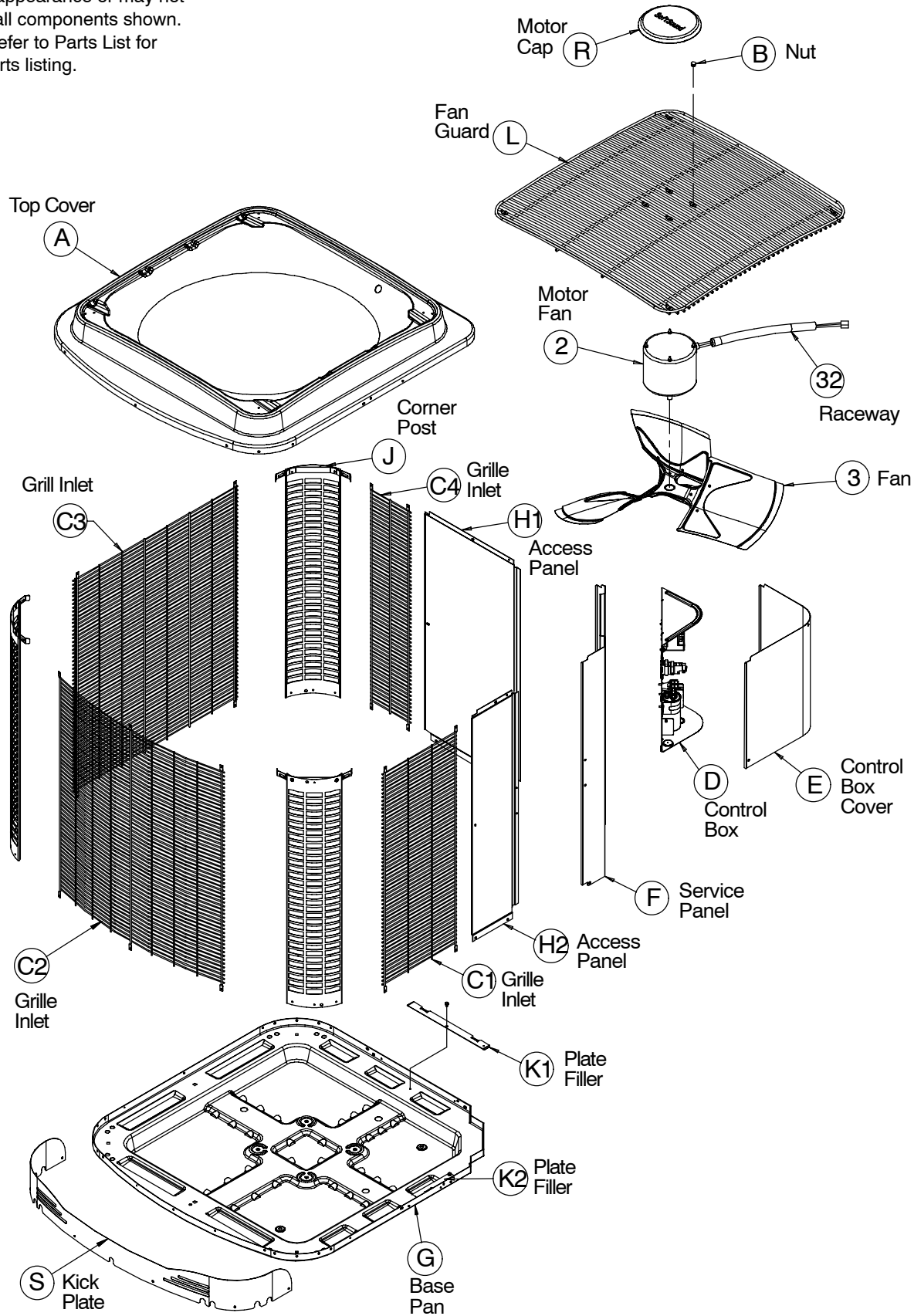
> Indicates Tested Indoor Model

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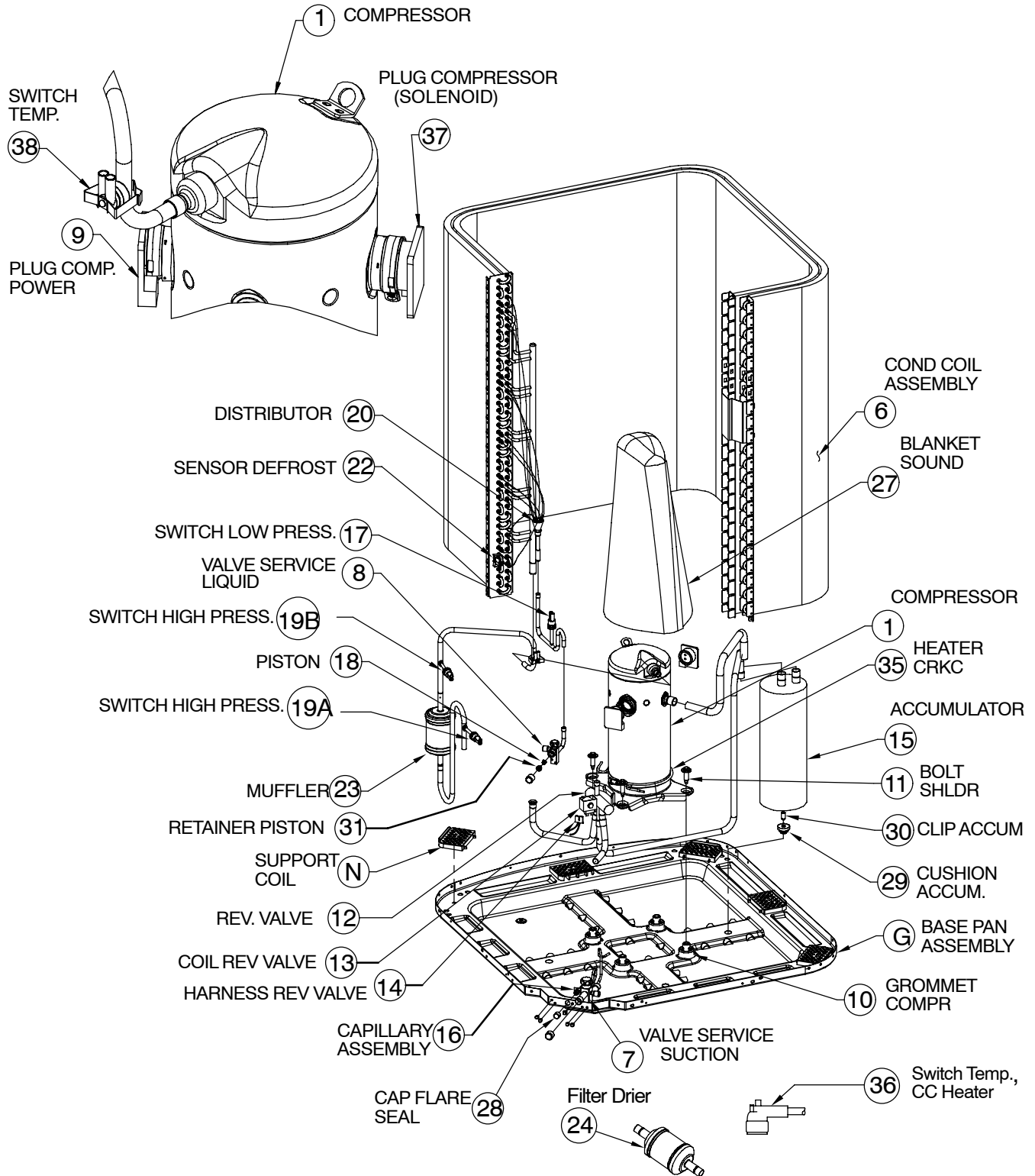
HEATING Multiplying Factors for other Indoor Combinations (continued)													
Indoor Model	Furnace Model	Low			High			Low			High		
		Capac. (MBh)	Power (AMPS)	Power (AMPS)	Capac. (MBh)	Power (AMPS)	Power (AMPS)	Capac. (MBh)	Power (AMPS)	Power (AMPS)	Capac. (MBh)	Power (AMPS)	
ED*4X60J**	*9MPV100***D	1.01	1.04	1.02	1.07	1.02	1.07	0.99	1.08	1.01	1.08	1.01	1.11
ED*4X60L**	*9MPV125***D	1.01	1.04	1.02	1.07	1.02	1.07	1.01	1.04	1.01	1.04	1.03	1.08
EHD4X48A**	*8MPV100***C	1.01	1.04	1.03	1.08	1.03	1.08	1.00	1.04	1.00	1.04	1.02	1.07
EHD4X48A**	*8MPV125***C	1.00	1.04	1.02	1.07	1.02	1.07	1.01	1.05	1.01	1.05	1.03	1.10
EHD4X48A**	*9MPV100***D	1.01	1.06	1.03	1.10	1.03	1.10	1.01	1.04	1.01	1.04	1.02	1.08
EHD4X48A**	*9MPV125***D	1.01	1.05	1.03	1.09	1.03	1.09	1.00	1.06	1.00	1.06	1.02	1.09
EHD4X60A**	*8MPV100***C	1.01	1.03	1.03	1.05	1.03	1.05	1.00	1.06	1.00	1.06	1.02	1.09
EHD4X60A**	*8MPV125***C	1.01	1.02	1.03	1.05	1.03	1.05	1.01	1.04	1.01	1.04	1.01	1.06
(C,H,T)4H560													
>FVM4X60****		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.05	1.00	1.05	1.02	1.08
ED*4X60J**	*8MPV100***C	1.01	1.04	1.01	1.06	1.01	1.06	0.99	1.04	0.99	1.04	1.02	1.07
ED*4X60J**	*8MPV125***C	1.00	1.03	1.00	1.04	1.00	1.04	1.00	1.07	1.00	1.07	1.02	1.10
ED*4X60J**	*9MPV100***D	1.01	1.06	1.01	1.07	1.01	1.07	1.00	1.05	1.00	1.05	1.02	1.08
ED*4X60L**	*9MPV125***D	1.00	1.04	1.01	1.07	1.01	1.07	0.99	1.04	0.99	1.04	1.02	1.07
EHD4X60A**	*8MPV100***C	1.01	1.03	1.02	1.05	1.02	1.05	1.00	1.06	1.00	1.06	1.02	1.09
EHD4X60A**	*8MPV125***C	1.00	1.02	1.02	1.04	1.02	1.04	1.00	1.03	1.00	1.03	1.02	1.04
EHD4X60A**	*9MPV100***D	1.01	1.05	1.03	1.07	1.03	1.07	1.00	1.03	1.00	1.03	0.97	1.04
EHD4X60A**	*9MPV125***D	1.01	1.04	1.02	1.06	1.02	1.06	1.01	1.03	1.01	1.03		

> Indicates Tested Indoor Model

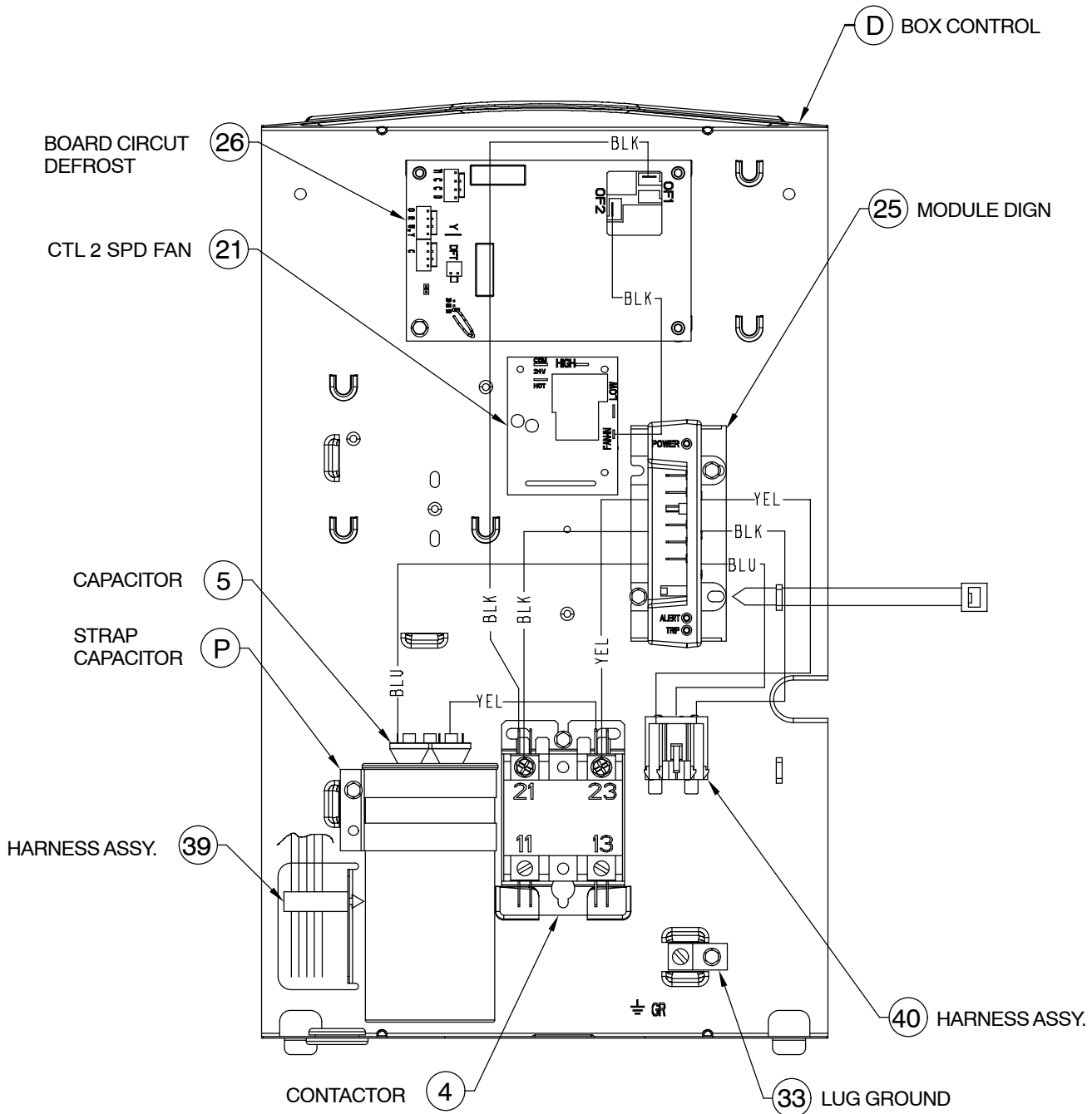
NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown. Please refer to Parts List for exact parts listing.



NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown. Please refer to Parts List for exact parts listing.



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C4H(5,7) PARTS LIST						
KEY NO.	DESCRIPTION	PART NO.	C4H524GKA100	C4H736GKA100	C4H548GKA100	C4H560GKA100
1	Compressor ZPS20K4E-PFV-130	ZPS20K4EPFV130	1	-	-	-
1	ZPS30K4E-PFV-130	ZPS30K4EPFV130	-	1	-	-
1	ZPS40K4E-PFV-130	ZPS40K4EPFV130	-	-	1	-
1	ZPS51K4E-PFV-130	ZPS51K4EPFV130	-	-	-	1
2	Motor, Condenser Fan 1/10 HP	1173774	1	1	-	-
2	1/4 HP	1173779	-	-	1	1
3	Fan Blade, 26" Dia.	1173790	1	1	-	-
3		1172716	-	-	1	1
4	Contact, 30 Amp	1172472	1	1	1	-
4	40 Amp	1172786	-	-	-	1
5	Capacitor, 370V 35+5 MFD	1172110	1	-	-	-
5	370V 40+5 MFD	1172147	-	1	-	-
5	370V 45+7.5 MFD	1172291	-	-	1	-
5	370V 80+7.5 MFD	1172296	-	-	-	1
6	Condenser Coil	1174005	1	-	-	-
6		1174006	-	1	1	1
7	Service Valve, Suction	1172725	1	-	-	-
7		1172726	-	1	-	-
7		1172727	-	-	1	1
8	Service Valve, Liquid	1173629	1	1	1	1
9	Plug, Compressor Harness	1174685	1	1	1	-
9		1174686	-	-	-	1
10	Grommet, Compressor	1171270	4	4	4	4
11	Bolt, Compressor Mounting	1173630	4	4	4	4
12	Valve, Reversing with 24V Coil	1173715	1	-	-	-
12		1172618	-	1	1	1
13	Coil, Rev. Valve 24V	1172574	1	-	-	-
13		1172619	-	1	1	1
14	Harness Assy., Rev. Valve Coil	1173988	1	1	1	1
15	Accumulator	1174702	1	-	-	-
15		1174703	-	1	-	-
15		1172313	-	-	1	1
16	Capillary Assy.	1174285	1	-	-	-
16		1174096	-	1	1	1
17	Switch, Low Pressure	1174694	1	1	1	1
18	Piston, .040	1173868	1	-	-	-
18	.057	1173658	-	1	-	-
18	.061	1173663	-	-	1	-
18	.067	1173867	-	-	-	1
19a	Switch, High Pressure	1174695	1	1	1	1
19b	Switch, High Pressure	1175138	1	1	1	1
20	Distributor	1174000	1	1	1	1
21	Control, 2 Speed Fan	1088977	1	1	1	1
22	Sensor, Defrost	1173637	1	1	1	1
23	Muffler	1172314	1	1	1	1
24	Drier	1174010	1	1	1	1
25	Module, Ultratech Control Alert	1175145	1	1	1	1
26	Board, Defrost Control	1173636	1	1	1	1

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C4H(5,7) PARTS LIST						
KEY NO.	DESCRIPTION	PART NO.	C4H524GKA100	C4H796GKA100	C4H548GKA100	C4H560GKA100
27	Blanket, Compressor Sound	1175144	1	1	1	-
27		1172014	-	-	-	1
28	Cap Flare	1172410	1	1	1	1
29	Cushion, Accumulator	1172806	1	1	1	1
30	Clip, Accumulator	1173640	1	1	1	1
31	Retainer, Piston	1173641	1	1	1	1
32	Raceway	1173664	1	1	1	1
33	Lug, Ground	1172300	1	1	1	1
35	Heater, Crankcase 40W 240V	1173944	1	1	1	-
35		1173670	-	-	-	1
36	Switch, Temp. CC Htr.	1173669	1	1	1	1
37	Plug, Compressor Solenoid	1175147	1	1	1	1
38	Switch, Temp Discharge	1175146	1	1	1	1
39	Harness Assy, Ultratech HP	1175139	1	1	1	1
40	Harness Assy, Plug & Play	1173920	1	1	1	-
40		1173951	-	-	-	1
)	Adapter Assy.	1174192	1	1	1	1
)	Washer, Teflon	1174012	1	1	1	1
A	Panel, Top	1173924	1	1	1	1
B	Nut, Hex #8-32 Motor Mounting	1172217	1	1	1	1
C1	Grille Inlet	1173971	1	-	-	-
C1		1173925	-	1	1	1
C2	Grille Inlet	1173974	1	-	-	-
C2		1173928	-	1	1	1
C3	Grille, Inlet	1173972	1	-	-	-
C3		1173926	-	1	1	1
C4	Grille, Inlet	1173973	1	-	-	-
C4		1173927	-	1	1	1
D	Box, Control	1173643	1	1	1	1
E	Cover, Control Box	1175141	1	-	-	-
E		1175156	-	1	-	-
E		1175142	-	-	1	-
E		1175143	-	-	-	1
F	Panel, Service	1174214	1	-	-	-
F		1174085	-	1	1	1
G	Pan, Base	1174081	1	1	1	1
H1	Panel, Access	1174947	1	-	-	-
H1		1175075	-	1	1	1
H2	Panel, Access	1174948	1	-	-	-
H2		1175077	-	1	1	1
J	Post, Corner	1173976	1	-	-	-
J		1173931	-	1	1	1
K1	Plate, Filler	1173932	1	1	1	1
K2	Plate, Filler	1173933	1	1	1	1
L	Guard, Fan	1173934	1	1	1	1
N	Support, Coil	1174068	5	5	5	5
P	Strap, Capacitor	1172734	1	1	1	-
P		1172735	-	-	-	1

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C4H(5,7) PARTS LIST						
KEY NO.	DESCRIPTION	PART NO.	C4H524GKA100	C4H736GKA100	C4H548GKA100	C4H560GKA100
R	Cap Assy, Comfortmaker	1175140	1	1	1	1
T	Bracket	1175073	3	3	3	3
U	Spring	1174673	3	3	3	3
)	Screw Hex Head #10 X 3/8" Gray	1174676	27	27	27	27
)	Screw Hex Head #10 X 1/2" Gray	1174677	20	20	20	20
)	Screw Hex Head #12 X 5/8" Gray	1174678	4	4	4	4
)	Manual, Installation	42801600001	1	1	1	1
)	Manual, Owners	42802500000	1	1	1	1
)	Warranty	40106401001	1	1	1	1

H4H(5,7) PARTS LIST						
KEY NO.	DESCRIPTION	PART NO.	H4H524GKA100	H4H736GKA100	H4H548GKA100	H4H560GKA100
1	Compressor ZPS20K4E-PFV-130	ZPS20K4EPFV130	1	-	-	-
1	ZPS30K4E-PFV-130	ZPS30K4EPFV130	-	1	-	-
1	ZPS40K4E-PFV-130	ZPS40K4EPFV130	-	-	1	-
1	ZPS51K4E-PFV-130	ZPS51K4EPFV130	-	-	-	1
2	Motor, Condenser Fan 1/10 HP	1173774	1	1	-	-
2	1/4 HP	1173779	-	-	1	1
3	Fan Blade, 26" Dia.	1173790	1	1	-	-
3		1172716	-	-	1	1
4	Contactora, 30 Amp	1172472	1	1	1	-
4	40 Amp	1172786	-	-	-	1
5	Capacitor, 370V 35+5 MFD	1172110	1	-	-	-
5	370V 40+5 MFD	1172147	-	1	-	-
5	370V 45+7.5 MFD	1172291	-	-	1	-
5	370V 80+7.5 MFD	1172296	-	-	-	1
6	Condenser Coil	1174005	1	-	-	-
6		1174006	-	1	1	1
7	Service Valve, Suction	1172725	1	-	-	-
7		1172726	-	1	-	-
7		1172727	-	-	1	1
8	Service Valve, Liquid	1173629	1	1	1	1
9	Plug, Compressor Harness	1174685	1	1	1	-
9		1174686	-	-	-	1
10	Grommet, Compressor	1171270	4	4	4	4
11	Bolt, Compressor Mounting	1173630	4	4	4	4
12	Valve, Reversing with 24V Coil	1173715	1	-	-	-
12		1172618	-	1	1	1
13	Coil, Rev. Valve 24V	1172574	1	-	-	-
13		1172619	-	1	1	1
14	Harness Assy., Rev. Valve Coil	1173988	1	1	1	1
15	Accumulator	1174702	1	-	-	-
15		1174703	-	1	-	-
15		1172313	-	-	1	1
16	Capillary Assy.	1174285	1	-	-	-
16		1174096	-	1	1	1
17	Switch, Low Pressure	1174694	1	1	1	1
18	Piston, .040	1173868	1	-	-	-
18	.057	1173658	-	1	-	-
18	.061	1173663	-	-	1	-
18	.067	1173867	-	-	-	1
19a	Switch, High Pressure	1174695	1	1	1	1
19b	Switch, High Pressure	1175138	1	1	1	1
20	Distributor	1174000	1	1	1	1
21	Control, 2 Speed Fan	1088977	1	1	1	1
22	Sensor, Defrost	1173637	1	1	1	1
23	Muffler	1172314	1	1	1	1
24	Drier	1174010	1	1	1	1
25	Module, Ultratech Control Alert	1175145	1	1	1	1
26	Board, Defrost Control	1173636	1	1	1	1

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H4H(5,7) PARTS LIST						
KEY NO.	DESCRIPTION	PART NO.	H4H524GKA100	H4H736GKA100	H4H548GKA100	H4H560GKA100
27	Blanket, Compressor Sound	1175144	1	1	1	-
27		1172014	-	-	-	1
28	Cap Flare	1172410	1	1	1	1
29	Cushion, Accumulator	1172806	1	1	1	1
30	Clip, Accumulator	1173640	1	1	1	1
31	Retainer, Piston	1173641	1	1	1	1
32	Raceway	1173664	1	1	1	1
33	Lug, Ground	1172300	1	1	1	1
35	Heater, Crankcase 40W 240V	1173944	1	1	1	-
35		1173670	-	-	-	1
36	Switch, Temp. CC Htr.	1173669	1	1	1	1
37	Plug, Compressor Solenoid	1175147	1	1	1	1
38	Switch, Temp Discharge	1175146	1	1	1	1
39	Harness Assy, Ultratech HP	1175139	1	1	1	1
40	Harness Assy, Plug & Play	1173920	1	1	1	-
40		1173951	-	-	-	1
)	Adapter Assy.	1174192	1	1	1	1
)	Washer, Teflon	1174012	1	1	1	1
A	Panel, Top	1174026	1	1	1	1
B	Nut, Hex #8-32 Motor Mounting	1172217	1	1	1	1
C1	Grille Inlet	1174041	1	-	-	-
C1		1174027	-	1	1	1
C2	Grille Inlet	1174044	1	-	-	-
C2		1174030	-	1	1	1
C3	Grille, Inlet	1174042	1	-	-	-
C3		1174028	-	1	1	1
C4	Grille, Inlet	1174043	1	-	-	-
C4		1174029	-	1	1	1
D	Box, Control	1173643	1	1	1	1
E	Cover, Control Box	1175141	1	-	-	-
E		1175156	-	1	-	-
E		1175142	-	-	1	-
E		1175143	-	-	-	1
F	Panel, Service	1174214	1	-	-	-
F		1174085	-	1	1	1
G	Pan, Base	1174081	1	1	1	1
H1	Panel, Access	1174947	1	-	-	-
H1		1175075	-	1	1	1
H2	Panel, Access	1174948	1	-	-	-
H2		1175077	-	1	1	1
J	Post, Corner	1174714	1	-	-	-
J		1174713	-	1	1	1
K1	Plate, Filler	1173932	1	1	1	1
K2	Plate, Filler	1173933	1	1	1	1
L	Guard, Fan	1173934	1	1	1	1
N	Support, Coil	1174068	5	5	5	5
P	Strap, Capacitor	1172734	1	1	1	-
P		1172735	-	-	-	1

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H4H(5,7) PARTS LIST						
KEY NO.	DESCRIPTION	PART NO.	H4H524GKA100	H4H736GKA100	H4H548GKA100	H4H560GKA100
R	Cap Assy, Heil	1175157	1	1	1	1
T	Bracket	1175073	3	3	3	3
U	Spring	1174673	3	3	3	3
)	Screw Hex Head #10 X 3/8" Gray	1174676	27	27	27	27
)	Screw Hex Head #10 X 1/2" Gray	1174677	20	20	20	20
)	Screw Hex Head #12 X 5/8" Black	1174885	4	4	4	4
)	Manual, Installation	42801600001	1	1	1	1
)	Manual, Owners	42802500000	1	1	1	1
)	Warranty	40106401001	1	1	1	1

T4H(5,7) PARTS LIST						
KEY NO.	DESCRIPTION	PART NO.	T4H524GKA100	T4H736GKA100	T4H548GKA100	T4H560GKA100
1	Compressor ZPS20K4E-PFV-130	ZPS20K4EPFV130	1	-	-	-
1	ZPS30K4E-PFV-130	ZPS30K4EPFV130	-	1	-	-
1	ZPS40K4E-PFV-130	ZPS40K4EPFV130	-	-	1	-
1	ZPS51K4E-PFV-130	ZPS51K4EPFV130	-	-	-	1
2	Motor, Condenser Fan 1/10 HP	1173774	1	1	-	-
2	1/4 HP	1173779	-	-	1	1
3	Fan Blade, 26" Dia.	1173790	1	1	-	-
3		1172716	-	-	1	1
4	Contactora, 30 Amp	1172472	1	1	1	-
4	40 Amp	1172786	-	-	-	1
5	Capacitor, 370V 35+5 MFD	1172110	1	-	-	-
5	370V 40+5 MFD	1172147	-	1	-	-
5	370V 45+7.5 MFD	1172291	-	-	1	-
5	370V 80+7.5 MFD	1172296	-	-	-	1
6	Condenser Coil	1174005	1	-	-	-
6		1174006	-	1	1	1
7	Service Valve, Suction	1172725	1	-	-	-
7		1172726	-	1	-	-
7		1172727	-	-	1	1
8	Service Valve, Liquid	1173629	1	1	1	1
9	Plug, Compressor Harness	1174685	1	1	1	-
9		1174686	-	-	-	1
10	Grommet, Compressor	1171270	4	4	4	4
11	Bolt, Compressor Mounting	1173630	4	4	4	4
12	Valve, Reversing with 24V Coil	1173715	1	-	-	-
12		1172618	-	1	1	1
13	Coil, Rev. Valve 24V	1172574	1	-	-	-
13		1172619	-	1	1	1
14	Harness Assy., Rev. Valve Coil	1173988	1	1	1	1
15	Accumulator	1174702	1	-	-	-
15		1174703	-	1	-	-
15		1172313	-	-	1	1
16	Capillary Assy.	1174285	1	-	-	-
16		1174096	-	1	1	1
17	Switch, Low Pressure	1174694	1	1	1	1
18	Piston, .040	1173868	1	-	-	-
18	.057	1173658	-	1	-	-
18	.061	1173663	-	-	1	-
18	.067	1173867	-	-	-	1
19a	Switch, High Pressure	1174695	1	1	1	1
19b	Switch, High Pressure	1175138	1	1	1	1
20	Distributor	1174000	1	1	1	1
21	Control, 2 Speed Fan	1088977	1	1	1	1
22	Sensor, Defrost	1173637	1	1	1	1
23	Muffler	1172314	1	1	1	1
24	Drier	1174010	1	1	1	1
25	Module, Ultratech Control Alert	1175145	1	1	1	1
26	Board, Defrost Control	1173636	1	1	1	1

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T4H(5,7) PARTS LIST						
KEY NO.	DESCRIPTION	PART NO.	T4H524GKA100	T4H736GKA100	T4H548GKA100	T4H560GKA100
27	Blanket, Compressor Sound	1175144	1	1	1	-
27		1172014	-	-	-	1
28	Cap Flare	1172410	1	1	1	1
29	Cushion, Accumulator	1172806	1	1	1	1
30	Clip, Accumulator	1173640	1	1	1	1
31	Retainer, Piston	1173641	1	1	1	1
32	Raceway	1173664	1	1	1	1
33	Lug, Ground	1172300	1	1	1	1
35	Heater, Crankcase 40W 240V	1173944	1	1	1	-
35		1173670	-	-	-	1
36	Switch, Temp. CC Htr.	1173669	1	1	1	1
37	Plug, Compressor Solenoid	1175147	1	1	1	1
38	Switch, Temp Discharge	1175146	1	1	1	1
39	Harness Assy, Ultratech HP	1175139	1	1	1	1
40	Harness Assy, Plug & Play	1173920	1	1	1	-
40		1173951	-	-	-	1
)	Adapter Assy.	1174192	1	1	1	1
)	Washer, Teflon	1174012	1	1	1	1
A	Panel, Top	1174110	1	1	1	1
B	Nut, Hex #8-32 Motor Mounting	1172217	1	1	1	1
C1	Grille Inlet	1174135	1	-	-	-
C1		1174111	-	1	1	1
C2	Grille Inlet	1174138	1	-	-	-
C2		1174114	-	1	1	1
C3	Grille, Inlet	1174136	1	-	-	-
C3		1174112	-	1	1	1
C4	Grille, Inlet	1174137	1	-	-	-
C4		1174113	-	1	1	1
D	Box, Control	1173643	1	1	1	1
E	Cover, Control Box	1175141	1	-	-	-
E		1175156	-	1	-	-
E		1175142	-	-	1	-
E		1175143	-	-	-	1
F	Panel, Service	1174214	1	-	-	-
F		1174085	-	1	1	1
G	Pan, Base	1174081	1	1	1	1
H1	Panel, Access	1174947	1	-	-	-
H1		1175075	-	1	1	1
H2	Panel, Access	1174948	1	-	-	-
H2		1175077	-	1	1	1
J	Post, Corner	1174139	1	-	-	-
J		1174115	-	1	1	1
K1	Plate, Filler	1173932	1	1	1	1
K2	Plate, Filler	1173933	1	1	1	1
L	Guard, Fan	1173934	1	1	1	1
N	Support, Coil	1174068	5	5	5	5
P	Strap, Capacitor	1172734	1	1	1	-
P		1172735	-	-	-	1

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T4H(5,7) PARTS LIST						
KEY NO.	DESCRIPTION	PART NO.	T4H524GKA100	T4H736GKA100	T4H548GKA100	T4H560GKA100
R	Cap Assy, Tempstar	1175158	1	1	1	1
S	Kickplate	1174725	1	1	1	1
T	Bracket	1175073	3	3	3	3
U	Spring	1174673	3	3	3	3
)	(Screw Hex Head #10 X 3/8" Gray	1174676	27	27	27	27
)	(Screw Hex Head #10 X 1/2" Gray	1174677	20	20	20	20
)	(Screw Hex Head #12 X 5/8" Gray	1174678	4	4	4	4
)	(Manual, Installation	42801600001	1	1	1	1
)	(Manual, Owners	42802500000	1	1	1	1
)	(Warranty	40106401001	1	1	1	1

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	4	H	5	24	G	K	A	1	0	0
N = Non-Branded H = Heil T = Tempstar H = Arcoaire C = Comfortmaker H = Airquest C = Keeprite C = Kenmore H = Kenmore T = Kenmore H = ICP Commercial BRANDING											
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	CH	
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)									