

TECHNICAL SUPPORT MANUAL

Ducted Horizontal Air Conditioner

HC4A3

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

Single Phase

HC4A318AKA
HC4A324AKA
HC4A330AKA
HC4A336AKA
HC4A348AKA
HC4A360AKA

Three Phase

HC4A336AHA
HC4A336ALA
HC4A348AHA
HC4A348ALA
HC4A360AHA
HC4A360ALA

 **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.

OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE

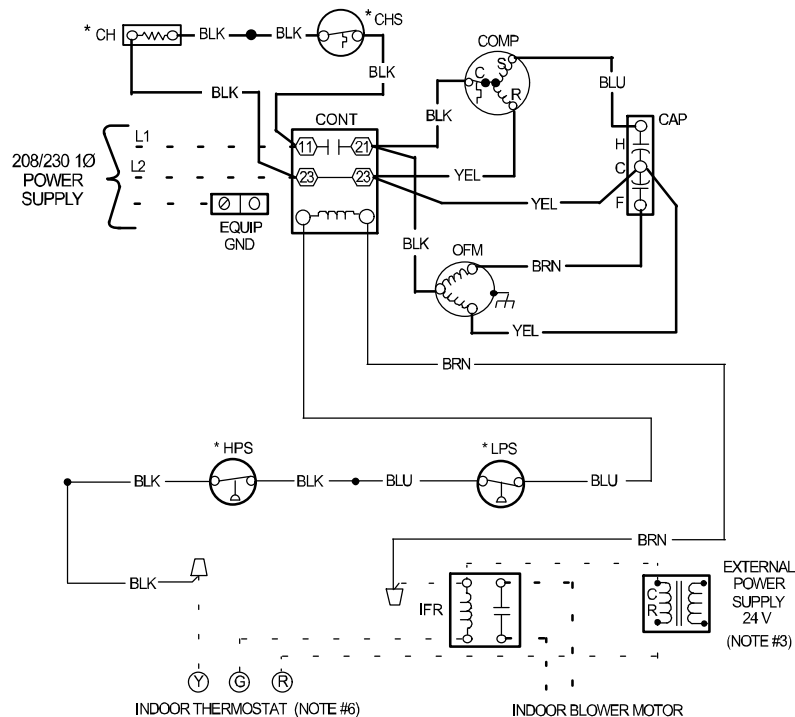
Digit Position:	1,2	3	4	5	6,7	8	9	10	11	12	13	
Example Part Number:	HC	4	A	3	18	A	K	A	1	0	0	
Horizontal Condenser	UNIT											
4 = R-410A	REFRIGERANT											
A = Air Conditioner												
H = Heat Pump	TYPE											
3 = 13 SEER												
4 = 14 SEER	NOMINAL EFFICIENCY											
18 = 18,000 BTUH = 1-1/2 tons												
24 = 24,000 BTUH = 2 tons												
30 = 30,000 BTUH = 2-1/2 tons												
36 = 36,000 BTUH = 3 tons												
42 = 42,000 BTUH = 3-1/2 tons												
48 = 48,000 BTUH = 4 tons												
60 = 60,000 BTUH = 5 tons			NOMINAL CAPACITY									
A = Standard Grille			FEATURES									
K = 208/230-1-60												
H = 208/230-3-60												
L = 460-3-60					VOLTAGE							
Sales Code												
Engineering Revision												
Extra Digit												
Extra Digit												

ACCESSORIES PART NUMBER IDENTIFICATION GUIDE

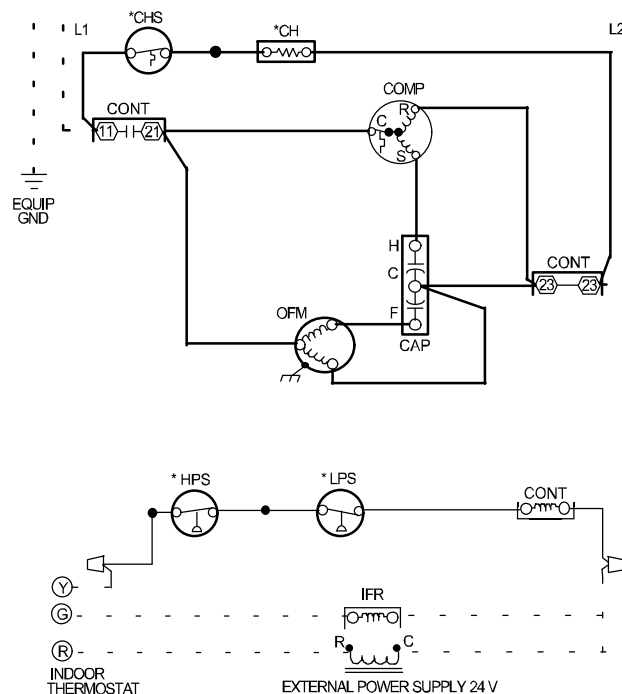
Digit Position:	1	2	3	4	5	6, 7	8, 9	10, 11
Example Part Number:	N	A	S	A	0	0 1	01	CH
N = Non-Branded	BRANDING		PRODUCT GROUP		KIT USAGE		MAJOR SERIES	
A = Accessory								
S = Split System (AC & HP)								
A = Original								
B = 2nd Generation								
0 = Generic or Not Applicable								
2 = R-22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

208/230 SINGLE PHASE Model Sizes: 18, 24, 30, 36, 48, 60

CONNECTION DIAGRAM



SCHEMATIC DIAGRAM (LADDER FORM)



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. Connection for typical cooling only thermostat. For other arrangements see installation instructions.
7. If indoor section has a transformer with a grounded secondary, connect the grounded side to the BRN lead.
8. If any of the original wire, as supplied must be replaced, use the same or equivalent wire.
9. Check all electrical connections inside control box for tightness.
10. Do not attempt to operate unit until service valves have been opened.
11. Do not rapid cycle compressor. Compressor must be off 3 minutes to allow pressures to equalize between high and low side before starting.

LEGEND

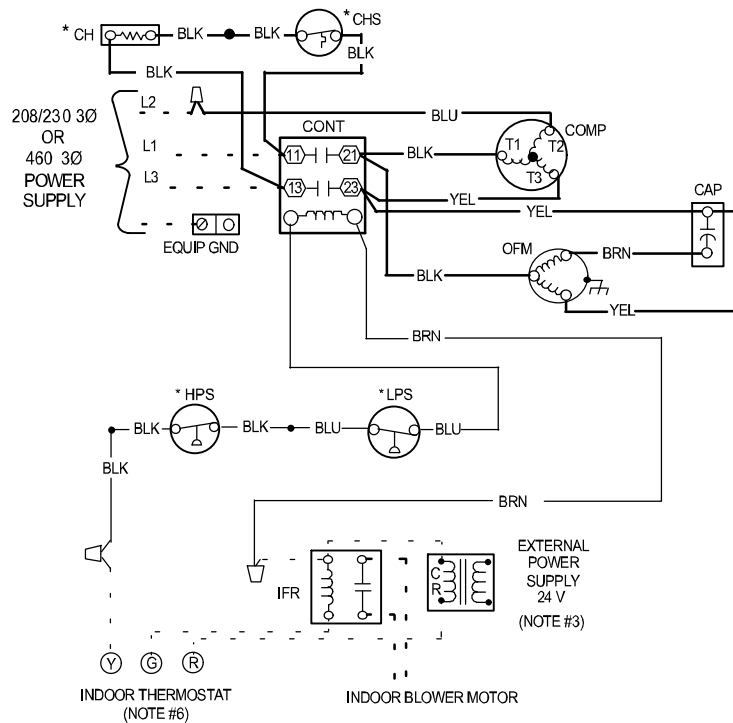
- FACTORY POWER WIRING
- FACTORY CONTROL WIRING
- - - FIELD CONTROL WIRING
- - - FIELD POWER WIRING
- COMPONENT CONNECTION
- ⋈ FIELD SPICE
- JUNCTION

- CONT CONTACTOR
- CAP CAPACITOR (DUAL RUN)
- *CH CRANKCASE HEATER
- *CHS CRANKCASE HEATER SWITCH
- COMP COMPRESSOR

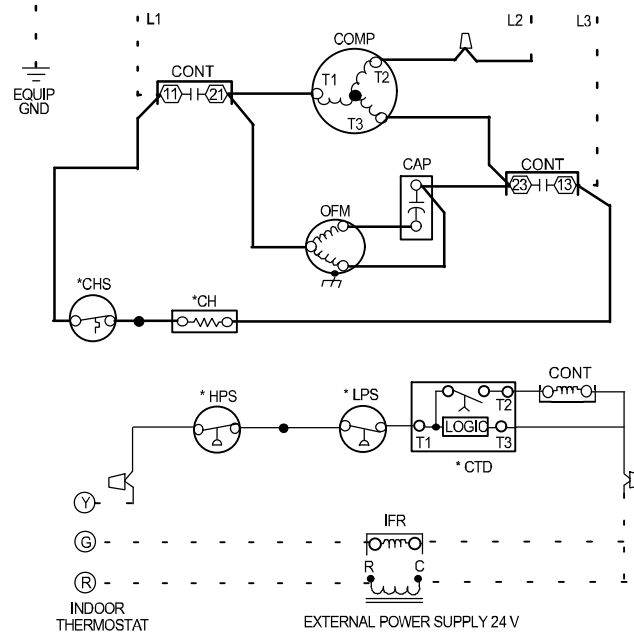
- *CTD COMPRESSOR TIME DELAY
- HPS HIGH PRESSURE SWITCH
- IFR INDOOR FAN RELAY
- LPS LOW PRESSURE SWITCH
- OFM OUTDOOR FAN MOTOR

333505-101 REV. C

CONNECTION DIAGRAM



SCHEMATIC DIAGRAM (LADDER FORM)



333506-101 REV. D

LEGEND

— FACTORY POWER WIRING
 — FACTORY CONTROL WIRING
 - - - FIELD CONTROL WIRING
 - - - FIELD POWER WIRING
 ○ COMPONENT CONNECTION
 ○ FIELD SPLICE
 ● JUNCTION

CONT CONTACTOR
 CAP CAPACITOR (DUAL RUN)
 *CH CRANKCASE HEATER
 *CHS CRANKCASE HEATER SWITCH
 COMP COMPRESSOR

* MAY BE FACTORY OR FIELD INSTALLED

*CTD COMPRESSOR TIME DELAY
 HPS HIGH PRESSURE SWITCH
 IFR INDOOR FAN RELAY
 LPS LOW PRESSURE SWITCH
 OFM OUTDOOR FAN MOTOR

NOTES:

1. Symbols are electrical representation only.
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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. Connection for typical cooling only thermostat. For other arrangements see installation instructions.
7. If indoor section has a transformer with a grounded secondary, connect the grounded side to the BRN lead.
8. If any of the original wire, as supplied must be replaced, use the same or equivalent wire.
9. Check all electrical connections inside control box for tightness.
10. Do not attempt to operate unit until service valves have been opened.
11. Do not rapid cycle compressor. Compressor must be off 3 minutes to allow pressures to equalize between high and low side before starting.
12. It is imperative to connect 3Ø field power to unit with correct phasing. Wrong phasing will cause reverse rotation of scroll compressor which will result in reduced current draw, elevated noise level and improper operation. If rotation is reversed, simply interchange any two of the three power connections on field side.

R-410A CHARGING CHART												
Measured Liquid Pressure (psig)	Rating Plate (required) Subcooling Temperature °F (°C)											
	°F 6	(°C) 3	°F 8	(°C) 4	°F 10	(°C) 6	°F 12	(°C) 7	F 14	(°C) 8	F 16	(°C) 9
	R-410A Required Liquid Line Temperature °F (°C)											
251	78	26	76	24	74	23	72	22	70	21	68	20
259	80	27	78	26	76	24	74	23	72	22	70	21
266	82	28	80	27	78	26	76	24	74	23	72	22
274	84	29	82	28	80	27	78	26	76	24	74	23
283	86	30	84	29	82	28	80	27	78	26	76	24
291	88	31	86	30	84	29	82	28	80	27	78	26
299	90	32	88	31	86	30	84	29	82	28	80	27
308	92	33	90	32	88	31	86	30	84	29	82	28
317	94	34	92	33	90	32	88	31	86	30	84	29
326	96	36	94	34	92	33	90	32	88	31	86	30
335	98	37	96	36	94	34	92	33	90	32	88	31
345	100	38	98	37	96	36	94	34	92	33	90	32
364	104	40	102	39	100	38	98	37	96	36	94	34
374	106	41	104	40	102	39	100	38	98	37	96	36
384	108	42	106	41	104	40	102	39	100	38	98	37
395	110	43	108	42	106	41	104	40	102	39	100	38
406	112	44	110	43	108	42	106	41	104	40	102	39
416	114	46	112	44	110	43	108	42	106	41	104	40
427	116	47	114	46	112	44	110	43	108	42	106	41
439	118	48	116	47	114	46	112	44	110	43	108	42
450	120	49	118	48	116	47	114	46	112	44	110	43
462	122	50	120	49	118	48	116	47	114	46	112	44
474	124	51	122	50	120	49	118	48	116	47	114	46

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COOLING		18 Size with EDD4X18B Indoor Cooling																			
		Outdoor Ambient Temperature – Degrees F, Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature – Degrees F, Dry Bulb																			
CFM		57	62	67	72	57	62	67	72	57	62	67	72	57	62	67	72	57	62	67	72
525	MBh†	16.42	16.99	18.60	20.37	15.77	16.17	17.68	19.36	15.08	15.32	16.73	18.32	14.37	14.47	15.76	17.26	13.61	13.60	14.73	16.14
	S/T‡	1.00	0.87	0.67	0.50	1.00	0.89	0.69	0.51	1.00	0.91	0.70	0.52	1.00	0.94	0.72	0.53	1.00	1.00	0.74	0.54
	AMPS*	5.21	5.19	5.13	5.05	5.91	5.89	5.83	5.76	6.68	6.67	6.61	6.54	7.54	7.53	7.48	7.41	8.47	8.47	8.42	8.36
	HI PR	267	269	272	276	309	310	313	318	354	355	359	363	404	404	408	413	459	459	463	467
	LO PR	125	129	141	154	129	132	143	156	133	134	146	159	136	137	148	161	141	141	151	164
600	MBh†	17.13	17.40	18.96	20.74	16.43	16.55	17.99	19.68	15.69	15.70	17.00	18.59	14.92	14.92	16.00	17.49	14.10	14.10	14.93	16.32
	S/T‡	1.00	0.91	0.70	0.52	1.00	0.93	0.72	0.52	1.00	0.99	0.74	0.53	1.00	1.00	0.76	0.55	1.00	1.00	0.78	0.56
	AMPS*	5.30	5.29	5.23	5.15	6.00	6.00	5.94	5.86	6.77	6.77	6.72	6.65	7.63	7.63	7.59	7.52	8.57	8.57	8.53	8.46
	HI PR	269	270	273	277	311	311	314	319	356	356	360	364	406	406	409	414	461	461	464	468
	LO PR	131	133	144	157	135	136	147	160	138	138	149	162	142	142	151	164	146	146	154	167
675	MBh†	17.71	17.76	19.22	21.00	16.96	16.96	18.22	19.90	16.18	16.18	17.20	18.78	15.37	15.37	16.17	17.65	14.50	14.50	15.07	16.44
	S/T‡	1.00	0.95	0.73	0.53	1.00	1.00	0.75	0.54	1.00	1.00	0.77	0.55	1.00	1.00	0.79	0.57	1.00	1.00	0.82	0.58
	AMPS*	5.40	5.39	5.34	5.26	6.10	6.10	6.04	5.97	6.87	6.87	6.83	6.75	7.73	7.73	7.69	7.62	8.67	8.67	8.64	8.57
	HI PR	271	271	274	278	312	312	315	319	358	358	361	365	408	408	410	415	463	463	464	469
	LO PR	136	137	147	160	140	140	149	162	143	143	151	164	147	147	154	167	151	151	156	169

COOLING		24 Size with EDD4X24B Indoor Cooling																			
		Outdoor Ambient Temperature – Degrees F, Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature – Degrees F, Dry Bulb																			
CFM		57	62	67	72	57	62	67	72	57	62	67	72	57	62	67	72	57	62	67	72
700	MBh†	22.68	23.47	25.65	28.06	21.80	22.36	24.40	26.67	20.85	21.17	23.05	25.15	19.81	19.93	21.61	23.55	18.65	18.65	20.04	21.80
	S/T‡	1.00	0.82	0.64	0.48	1.00	0.84	0.65	0.48	1.00	0.87	0.67	0.49	1.00	0.89	0.69	0.50	1.00	1.00	0.71	0.52
	AMPS*	7.09	7.09	7.09	7.08	8.05	8.04	8.04	8.03	9.09	9.09	9.09	9.08	10.24	10.24	10.23	10.22	11.48	11.48	11.47	11.45
	HI PR	275	276	281	286	317	318	323	328	363	364	369	374	413	413	418	424	468	468	472	478
	LO PR	124	129	140	153	128	131	143	156	132	133	145	159	136	136	148	161	140	140	151	165
800	MBh†	23.65	24.01	26.13	28.57	22.69	22.87	24.81	27.10	21.65	21.67	23.40	25.51	20.53	20.52	21.90	23.83	19.27	19.27	20.27	22.00
	S/T‡	1.00	0.87	0.67	0.49	1.00	0.89	0.68	0.50	1.00	0.99	0.70	0.51	1.00	1.00	0.72	0.52	1.00	1.00	0.75	0.54
	AMPS*	7.25	7.25	7.25	7.24	8.21	8.21	8.20	8.19	9.25	9.25	9.25	9.24	10.40	10.40	10.39	10.38	11.64	11.64	11.63	11.61
	HI PR	277	278	282	288	319	320	324	330	365	366	370	376	416	416	420	425	470	470	473	479
	LO PR	130	132	144	157	134	135	146	159	137	138	148	162	142	142	151	165	146	146	154	167
900	MBh†	24.44	24.50	26.49	28.93	23.42	23.42	25.12	27.40	22.31	22.30	23.66	25.75	21.10	21.10	22.11	24.02	19.76	19.76	20.43	22.14
	S/T‡	1.00	0.90	0.70	0.51	1.00	1.00	0.71	0.52	1.00	1.00	0.73	0.53	1.00	1.00	0.76	0.54	1.00	1.00	0.79	0.56
	AMPS*	7.41	7.41	7.41	7.40	8.37	8.37	8.36	8.35	9.42	9.42	9.41	9.40	10.56	10.56	10.55	10.54	11.80	11.80	11.79	11.77
	HI PR	279	279	284	289	322	322	326	331	368	368	371	377	418	418	421	426	472	472	474	479
	LO PR	136	136	146	160	139	139	149	162	143	143	151	164	147	147	153	167	151	151	156	170

See Notes following tables.

COOLING		30 Size with EDD4X30B Indoor Cooling																			
		Outdoor Ambient Temperature – Degrees F, Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature – Degrees F, Dry Bulb																			
CFM		57	62	67	72	57	62	67	72	57	62	67	72	57	62	67	72	57	62	67	72
875	MBh†	26.79	27.61	30.28	33.34	25.82	26.40	28.94	31.89	24.79	25.13	27.53	30.36	23.69	23.81	26.03	28.74	22.49	22.49	24.43	27.00
	S/T‡	1.00	0.91	0.70	0.52	1.00	0.93	0.71	0.53	1.00	0.95	0.73	0.54	1.00	0.98	0.75	0.54	1.00	1.00	0.77	0.56
	AMPS*	8.69	8.69	8.67	8.65	9.73	9.73	9.71	9.69	10.89	10.88	10.87	10.85	12.16	12.16	12.15	12.13	13.57	13.57	13.56	13.54
	HI PR	258	259	261	265	298	299	302	306	343	344	347	351	393	393	396	400	447	447	450	454
	LO PR	127	130	142	154	130	132	144	156	133	135	146	159	137	137	148	161	141	141	151	164
1000	MBh†	27.93	28.28	30.88	33.99	26.88	27.04	29.47	32.47	25.78	25.75	28.00	30.87	24.61	24.61	26.45	29.19	23.34	23.34	24.79	27.38
	S/T‡	1.00	0.95	0.73	0.54	1.00	0.97	0.75	0.54	1.00	1.00	0.76	0.55	1.00	1.00	0.79	0.56	1.00	1.00	0.81	0.58
	AMPS*	8.89	8.88	8.87	8.85	9.93	9.93	9.91	9.89	11.08	11.08	11.07	11.05	12.36	12.36	12.35	12.34	13.77	13.77	13.76	13.74
	HI PR	259	259	262	266	300	300	303	307	345	345	348	352	394	394	397	401	448	448	451	455
	LO PR	132	134	145	157	135	136	147	160	139	139	149	162	142	142	151	164	146	146	154	166
1125	MBh†	28.87	28.90	31.32	34.47	27.77	27.77	29.87	32.89	26.61	26.61	28.36	31.25	25.37	25.37	26.77	29.51	24.03	24.03	25.07	27.64
	S/T‡	1.00	0.99	0.76	0.55	1.00	1.00	0.78	0.56	1.00	1.00	0.80	0.57	1.00	1.00	0.82	0.58	1.00	1.00	0.85	0.60
	AMPS*	9.08	9.08	9.07	9.05	10.12	10.12	10.11	10.09	11.28	11.28	11.27	11.25	12.56	12.56	12.55	12.54	13.97	13.97	13.96	13.95
	HI PR	260	260	263	266	301	301	304	307	346	346	349	352	396	396	398	402	450	450	451	456
	LO PR	137	137	147	160	140	140	149	162	143	143	151	164	147	147	154	166	151	151	156	169

COOLING		36 Size with EDD4X42J Indoor Cooling																			
		Outdoor Ambient Temperature – Degrees F, Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature – Degrees F, Dry Bulb																			
CFM		57	62	67	72	57	62	67	72	57	62	67	72	57	62	67	72	57	62	67	72
1050	MBh†	32.44	33.25	36.38	39.91	31.23	31.75	34.70	38.06	29.95	30.20	32.93	36.10	28.56	28.59	31.04	34.02	27.05	27.05	29.01	31.75
	S/T‡	1.00	0.90	0.69	0.51	1.00	0.92	0.71	0.52	1.00	0.94	0.72	0.53	1.00	0.99	0.74	0.54	1.00	1.00	0.77	0.55
	AMPS*	10.32	10.32	10.31	10.30	11.57	11.57	11.56	11.55	12.96	12.96	12.95	12.93	14.49	14.49	14.48	14.46	16.17	16.17	16.16	16.13
	HI PR	262	263	267	270	303	304	308	312	348	349	353	357	398	398	402	406	452	452	455	460
	LO PR	129	132	144	157	132	134	146	159	136	137	148	161	139	139	150	164	143	143	153	167
1200	MBh†	33.75	34.01	37.00	40.56	32.45	32.51	35.24	38.63	31.07	31.07	33.40	36.58	29.58	29.58	31.44	34.41	27.95	27.95	29.34	32.06
	S/T‡	1.00	0.94	0.72	0.53	1.00	0.96	0.74	0.54	1.00	1.00	0.76	0.55	1.00	1.00	0.78	0.56	1.00	1.00	0.81	0.57
	AMPS*	10.57	10.57	10.56	10.55	11.82	11.82	11.81	11.80	13.21	13.21	13.20	13.19	14.74	14.74	14.73	14.71	16.42	16.42	16.41	16.38
	HI PR	264	264	268	271	305	305	309	313	350	350	353	358	400	400	403	407	454	454	456	461
	LO PR	135	136	147	160	138	138	149	162	141	141	151	164	145	145	153	167	149	149	156	169
1350	MBh†	34.83	34.81	37.44	41.02	33.45	33.45	35.64	39.03	31.98	31.98	33.75	36.91	30.40	30.40	31.74	34.67	28.67	28.67	29.58	32.25
	S/T‡	1.00	1.00	0.75	0.54	1.00	1.00	0.77	0.55	1.00	1.00	0.79	0.57	1.00	1.00	0.82	0.58	1.00	1.00	0.85	0.60
	AMPS*	10.83	10.83	10.82	10.81	12.08	12.08	12.07	12.06	13.46	13.46	13.46	13.44	14.99	14.99	14.99	14.97	16.67	16.67	16.66	16.64
	HI PR	265	265	268	272	307	307	309	313	352	352	354	358	401	401	403	408	455	455	457	461
	LO PR	140	140	149	163	143	143	151	165	146	146	153	167	150	150	156	169	154	154	158	172

See Notes following tables.

COOLING		48 Size with EDD4X48J Indoor Cooling																			
		Outdoor Ambient Temperature – Degrees F, Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature – Degrees F, Dry Bulb																			
CFM		57	62	67	72	57	62	67	72	57	62	67	72	57	62	67	72	57	62	67	72
1400	MBh†	45.48	47.05	51.43	56.22	43.78	44.90	49.00	53.48	41.91	42.59	46.34	50.45	39.83	40.09	43.41	47.15	37.47	37.46	40.18	43.46
	S/T‡	1.00	0.90	0.69	0.52	1.00	0.92	0.71	0.53	1.00	0.94	0.72	0.54	1.00	0.97	0.75	0.55	1.00	1.00	0.77	0.56
	AMPS*	14.36	14.33	14.26	14.17	16.26	16.24	16.16	16.06	18.36	18.34	18.25	18.14	20.65	20.65	20.55	20.42	23.15	23.15	23.04	22.88
	HI PR	268	269	273	278	309	310	315	319	355	356	360	364	404	405	409	414	458	458	462	466
	LO PR	124	128	140	153	127	130	142	155	131	133	144	158	135	136	147	161	139	139	150	164
1600	MBh†	47.31	48.09	52.38	57.20	45.46	45.86	49.81	54.31	43.43	43.51	47.00	51.12	41.16	41.16	43.93	47.65	38.60	38.59	40.56	43.80
	S/T‡	1.00	0.94	0.72	0.53	1.00	0.96	0.74	0.54	1.00	0.99	0.76	0.55	1.00	1.00	0.78	0.57	1.00	1.00	0.82	0.59
	AMPS*	14.67	14.66	14.58	14.50	16.57	16.56	16.48	16.39	18.66	18.66	18.58	18.46	20.96	20.96	20.87	20.74	23.44	23.44	23.36	23.20
	HI PR	270	271	274	279	311	312	316	320	357	357	361	366	407	407	410	414	460	460	463	467
	LO PR	129	132	143	156	133	134	145	159	136	137	148	161	140	140	150	164	145	145	153	167
1800	MBh†	48.81	48.99	53.06	57.90	46.83	46.80	50.38	54.89	44.65	44.65	47.46	51.57	42.22	42.22	44.30	47.98	39.46	39.46	40.81	43.99
	S/T‡	1.00	0.98	0.75	0.55	1.00	1.00	0.77	0.56	1.00	1.00	0.79	0.57	1.00	1.00	0.82	0.59	1.00	1.00	0.86	0.61
	AMPS*	14.99	14.98	14.91	14.83	16.88	16.89	16.81	16.71	18.98	18.98	18.91	18.79	21.27	21.27	21.20	21.06	23.74	23.74	23.68	23.51
	HI PR	271	272	275	280	313	313	317	321	359	359	362	366	408	408	411	415	462	462	464	468
	LO PR	134	135	146	159	138	137	148	161	141	141	150	164	145	145	153	167	150	150	156	170

COOLING		60 Size with EDD4X60L Indoor Cooling																			
		Outdoor Ambient Temperature – Degrees F, Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature – Degrees F, Dry Bulb																			
CFM		57	62	67	72	57	62	67	72	57	62	67	72	57	62	67	72	57	62	67	72
1750	MBh†	56.45	58.06	63.19	68.72	54.15	55.19	59.90	65.00	51.63	52.14	56.33	60.94	48.85	48.92	52.51	56.61	45.74	45.74	48.36	52.08
	S/T‡	1.00	0.90	0.69	0.52	1.00	0.92	0.71	0.53	1.00	0.95	0.73	0.54	1.00	0.99	0.75	0.55	1.00	1.00	0.78	0.57
	AMPS*	17.77	17.80	17.90	18.01	19.78	19.80	19.89	19.99	22.00	22.01	22.09	22.16	24.43	24.44	24.49	24.54	27.09	27.09	27.11	27.13
	HI PR	280	281	286	291	322	324	328	334	369	369	374	379	419	419	424	429	473	473	477	482
	LO PR	127	131	143	157	131	133	145	159	135	136	148	162	139	139	151	165	144	144	154	168
2000	MBh†	58.64	59.29	64.21	69.74	56.12	56.34	60.74	65.83	53.36	53.36	57.00	61.57	50.32	50.32	53.01	57.10	46.93	46.93	48.70	52.51
	S/T‡	1.00	0.94	0.73	0.53	1.00	0.96	0.74	0.54	1.00	1.00	0.77	0.56	1.00	1.00	0.79	0.57	1.00	1.00	0.83	0.59
	AMPS*	18.24	18.26	18.35	18.45	20.25	20.26	20.34	20.43	22.46	22.46	22.53	22.60	24.89	24.89	24.93	24.97	27.53	27.53	27.54	27.57
	HI PR	282	283	288	293	325	325	330	335	371	371	375	381	422	422	425	430	476	476	478	483
	LO PR	133	135	146	160	137	137	149	163	141	141	151	165	145	145	154	168	150	150	157	171
2250	MBh†	60.40	60.35	64.93	70.46	57.70	57.69	61.34	66.39	54.72	54.72	57.46	61.97	51.46	51.46	53.34	57.43	47.82	47.82	48.90	53.36
	S/T‡	1.00	1.00	0.76	0.55	1.00	1.00	0.78	0.56	1.00	1.00	0.80	0.58	1.00	1.00	0.84	0.60	1.00	1.00	0.88	0.61
	AMPS*	18.71	18.71	18.80	18.90	20.72	20.72	20.78	20.87	22.92	22.92	22.97	23.03	25.34	25.34	25.36	25.41	27.96	27.96	27.96	28.07
	HI PR	284	284	289	294	327	327	331	336	373	373	376	381	423	423	426	431	477	477	479	485
	LO PR	138	138	149	163	142	142	151	165	146	146	154	168	150	150	156	171	155	155	159	173

See Notes following tables.

- † 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.)

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

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

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)
HC4A318											
>ED*4X18B**		1.00	1.00	EN(A,D)4X19*17**		1.00	1.00	ENH4X24*17**	*9MPV075	1.02	0.94
EHD4X24A**	*8MV*0701412**	1.02	0.94	EN(A,D)4X24*14**	*8MV*0701412**	1.02	0.94	ENH4X24*17**	*9MVX040	1.02	0.94
EHD4X24A**	*8MV*0901716**	1.02	0.94	EN(A,D)4X24*14**	*8MX*0451408**	1.02	0.94	ENH4X24*17**	*9MVX060	1.02	0.94
EHD4X24A**	*8MX*0451408**	1.02	0.94	EN(A,D)4X24*14**		1.02	1.02	ENH4X24*17**	NOMV106D12*	1.02	0.94
EHD4X24A**	NOMV106D12*	1.02	0.94	EN(A,D)4X24*17**	*8MV*0901716**	1.02	0.94	ENH4X24*17**	OLV098A12A	1.02	0.94
EHD4X24A**	OLV098A12A	1.02	0.94	EN(A,D)4X24*17**	NOMV106D12*	1.02	0.94	ENH4X24*17**	OMV098J12A	1.02	0.94
EHD4X24A**	OMV098J12A	1.02	0.94	EN(A,D)4X24*17**	OLV098A12A	1.02	0.94	ENH4X24*17**		1.02	1.02
EN(A,D)4X18*14**	*8MV*0701412**	1.00	0.92	EN(A,D)4X24*17**	OMV098J12A	1.02	0.94	FEM4P18**A*		1.00	0.92
EN(A,D)4X18*14**	*8MX*0451408**	1.00	0.92	EN(A,D)4X24*17**		1.02	1.02	FEM4P24**A*		1.02	0.94
EN(A,D)4X18*14**		1.00	1.00	ENH4X24*17**	*8MPV050	1.02	0.94	FS(M,U)4P18**A*		1.00	1.00
EN(A,D)4X19*17**	*8MV*0901716**	1.00	0.92	ENH4X24*17**	*8MV*0701412**	1.02	0.94	FS(M,U)4P24**A*		1.02	1.02
EN(A,D)4X19*17**	NOMV106D12*	1.02	0.94	ENH4X24*17**	*8MV*0901716**	1.02	0.94	FXM4X18**A*		1.04	0.95
EN(A,D)4X19*17**	OLV098A12A	1.02	0.94	ENH4X24*17**	*8MX*0451408**	1.02	0.94	FXM4X24**A*		1.05	0.96
EN(A,D)4X19*17**	OMV098J12A	1.02	0.94	ENH4X24*17**	*9MPV050	1.02	0.94				
HC4A324											
>ED*4X24B**		1.00	1.00	EN(A,D)4X31*17**	OMV112K14A	1.02	0.93	ENH4X30*17**	*9MVX080	1.01	0.92
EHD4X24A**	*8MV*0701412**	1.00	0.92	EN(A,D)4X31*17**		1.02	1.02	ENH4X30*17**	*9MVX100	1.01	0.92
EHD4X24A**	*8MV*0901716**	1.00	0.92	ENH4X24*17**	*8MPV050	1.00	0.96	ENH4X30*17**	MV08B15**B*	1.01	0.92
EHD4X24A**	*8MV*1102120**	1.00	0.92	ENH4X24*17**	*8MPV075	1.00	0.92	ENH4X30*17**	MV12F19**B*	1.01	0.92
EHD4X24A**	*8MV*1352422**	1.00	0.92	ENH4X24*17**	*8MPV100	1.00	0.92	ENH4X30*17**	NOMV106D12*	1.00	0.92
EHD4X24A**	*8MX*0451408**	1.00	0.92	ENH4X24*17**	*8MPV125	1.00	0.92	ENH4X30*17**	OLV098A12A	1.01	0.92
EHD4X24A**	NOMV106D12*	1.00	0.92	ENH4X24*17**	*8MV*0701412**	0.99	0.91	ENH4X30*17**	OMV098J12A	1.01	0.92
EHD4X24A**	OLV098A12A	1.00	0.92	ENH4X24*17**	*8MV*0901716**	1.00	0.92	ENH4X30*17**	OMV112K14A	1.01	0.92
EHD4X24A**	OMV098J12A	1.00	0.92	ENH4X24*17**	*8MV*1102120**	1.00	0.92	ENH4X30*17**		1.01	1.01
EHD4X24A**	OMV112K14A	1.00	0.92	ENH4X24*17**	*8MV*1352422**	1.00	0.92	ENH4X31*17**	*8MPV050	1.02	0.93
EHD4X30A**	*8MV*0701412**	1.00	0.92	ENH4X24*17**	*8MX*0451408**	1.00	0.92	ENH4X31*17**	*8MPV075	1.02	0.93
EHD4X30A**	*8MV*0901716**	1.01	0.92	ENH4X24*17**	*9MPV050	1.00	0.96	ENH4X31*17**	*8MPV100	1.02	0.93
EHD4X30A**	*8MV*1102120**	1.01	0.92	ENH4X24*17**	*9MPV075	1.00	0.96	ENH4X31*17**	*8MPV125	1.02	0.93
EHD4X30A**	*8MV*1352422**	1.01	0.92	ENH4X24*17**	*9MPV100	1.00	0.96	ENH4X31*17**	*8MV*0701412**	1.02	0.93
EHD4X30A**	*8MX*0451408**	1.01	0.92	ENH4X24*17**	*9MPV125	1.00	0.92	ENH4X31*17**	*8MV*0901716**	1.02	0.93
EHD4X30A**	NOMV106D12*	1.00	0.92	ENH4X24*17**	*9MVX040	1.00	0.96	ENH4X31*17**	*8MV*1102120**	1.02	0.93
EHD4X30A**	OLV098A12A	1.01	0.92	ENH4X24*17**	*9MVX060	1.00	0.96	ENH4X31*17**	*8MV*1352422**	1.02	0.93
EHD4X30A**	OMV098J12A	1.01	0.92	ENH4X24*17**	*9MVX080	1.00	0.92	ENH4X31*17**	*8MX*0451408**	1.02	0.93
EHD4X30A**	OMV112K14A	1.01	0.92	ENH4X24*17**	*9MVX100	1.00	0.92	ENH4X31*17**	*9MPV050	1.02	0.93
EN(A,D)4X24*14**	*8MV*0701412**	0.99	0.91	ENH4X24*17**	MV08B15**B*	1.00	0.92	ENH4X31*17**	*9MPV075	1.02	0.93
EN(A,D)4X24*14**	*8MX*0451408**	1.00	0.92	ENH4X24*17**	MV12F19**B*	1.00	0.92	ENH4X31*17**	*9MPV100	1.02	0.93

> 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)
EN(A,D)4X24*14**		1.00	1.00	ENH4X24*17**	NOMV106D12*	0.99	0.91	ENH4X31*17**	*9MPV125	1.02	0.93
EN(A,D)4X24*17**	*8MV*0901716**	1.00	0.92	ENH4X24*17**	OLV098A12A	1.00	0.92	ENH4X31*17**	*9MVX040	1.02	0.93
EN(A,D)4X24*17**	NOMV106D12*	0.99	0.91	ENH4X24*17**	OMV098J12A	1.00	0.92	ENH4X31*17**	*9MVX060	1.02	0.93
EN(A,D)4X24*17**	OLV098A12A	1.00	0.92	ENH4X24*17**	OMV112K14A	1.00	0.92	ENH4X31*17**	*9MVX080	1.02	0.93
EN(A,D)4X24*17**	OMV098J12A	1.00	0.92	ENH4X24*17**		1.00	1.00	ENH4X31*17**	*9MVX100	1.02	0.93
EN(A,D)4X24*17**	OMV112K14A	1.00	0.92	ENH4X30*17**	*8MPV050	1.01	0.96	ENH4X31*17**	MV08B15**B*	1.02	0.93
EN(A,D)4X24*17**		1.00	1.00	ENH4X30*17**	*8MPV075	1.01	0.92	ENH4X31*17**	MV12F19**B*	1.02	0.93
EN(A,D)4X30*14**	*8MV*0701412**	1.00	0.92	ENH4X30*17**	*8MPV100	1.01	0.92	ENH4X31*17**	NOMV106D12*	1.02	0.93
EN(A,D)4X30*14**	*8MX*0451408**	1.01	0.92	ENH4X30*17**	*8MPV125	1.01	0.92	ENH4X31*17**	OLV098A12A	1.02	0.93
EN(A,D)4X30*14**		1.01	1.01	ENH4X30*17**	*8MV*0701412**	1.00	0.92	ENH4X31*17**	OMV098J12A	1.02	0.93
EN(A,D)4X30*17**	*8MV*0901716**	1.00	0.92	ENH4X30*17**	*8MV*0901716**	1.00	0.92	ENH4X31*17**	OMV112K14A	1.02	0.93
EN(A,D)4X30*17**	NOMV106D12*	1.00	0.92	ENH4X30*17**	*8MV*1102120**	1.01	0.92	ENH4X31*17**		1.02	1.02
EN(A,D)4X30*17**	OLV098A12A	1.01	0.92	ENH4X30*17**	*8MV*1352422**	1.01	0.92	FEM4P24**A*		0.99	0.95
EN(A,D)4X30*17**	OMV098J12A	1.01	0.92	ENH4X30*17**	*8MX*0451408**	1.01	0.92	FEM4P30**A*		1.01	0.92
EN(A,D)4X30*17**	OMV112K14A	1.01	0.92	ENH4X30*17**	*9MPV050	1.01	0.92	FS(M,U)4P24**A*		1.00	0.96
EN(A,D)4X30*17**		1.01	1.01	ENH4X30*17**	*9MPV075	1.01	0.92	FS(M,U)4P30**A*		1.01	0.96
EN(A,D)4X31*17**	*8MV*0901716**	1.02	0.93	ENH4X30*17**	*9MPV100	1.01	0.92	FXM4X24**A*		1.01	0.92
EN(A,D)4X31*17**	NOMV106D12*	1.02	0.93	ENH4X30*17**	*9MPV125	1.01	0.92	FXM4X30**A*		1.02	0.93
EN(A,D)4X31*17**	OLV098A12A	1.02	0.93	ENH4X30*17**	*9MVX040	1.01	0.92				
EN(A,D)4X31*17**	OMV098J12A	1.02	0.93	ENH4X30*17**	*9MVX060	1.01	0.92				
HC4A330											
>ED*4X30B**		1.00	1.00	EN(A,D,W)4X36*17**	OLV098A12A	1.01	0.92	ENH4X31*17**	*9MVX060	1.01	0.93
EHD4X30A**	*8MV*0701412**	1.00	0.92	EN(A,D,W)4X36*17**	OMV098J12A	1.01	0.92	ENH4X31*17**	*9MVX080	1.01	0.93
EHD4X30A**	*8MV*0901716**	1.00	0.92	EN(A,D,W)4X36*17**	OMV112K14A	1.01	0.92	ENH4X31*17**	*9MVX100	1.01	0.93
EHD4X30A**	*8MV*1102120**	1.00	0.92	EN(A,D,W)4X36*17**		1.01	1.01	ENH4X31*17**	MV08B15**B*	1.01	0.93
EHD4X30A**	*8MV*1352422**	1.00	0.92	ENH4X30*17**	*8MPV050	1.00	0.92	ENH4X31*17**	MV12F19**B*	1.01	0.93
EHD4X30A**	*8MX*0701716**	1.00	0.92	ENH4X30*17**	*8MPV075	1.00	0.92	ENH4X31*17**	NOMV106D12*	1.01	0.93
EHD4X30A**	*8MX*0902116**	1.00	0.92	ENH4X30*17**	*8MPV100	1.00	0.92	ENH4X31*17**	OLV098A12A	1.01	0.93
EHD4X30A**	NOMV106D12*	1.00	0.92	ENH4X30*17**	*8MPV125	1.00	0.92	ENH4X31*17**	OLV112A16A	1.01	0.93
EHD4X36A**	*8MV*0701412**	1.01	0.92	ENH4X30*17**	*8MV*0701412**	1.00	0.92	ENH4X31*17**	OMV098J12A	1.01	0.93
EHD4X36A**	*8MV*0901716**	1.01	0.92	ENH4X30*17**	*8MV*0901716**	1.00	0.92	ENH4X31*17**	OMV112K14A	1.01	0.93
EHD4X36A**	*8MV*1102120**	1.01	0.92	ENH4X30*17**	*8MV*1102120**	1.00	0.92	ENH4X31*17**		1.01	1.01
EHD4X36A**	*8MV*1352422**	1.01	0.92	ENH4X30*17**	*8MV*1352422**	1.00	0.92	ENH4X36*17**	*8MPV050	1.01	0.96
EHD4X36A**	*8MX*0701716**	1.01	0.92	ENH4X30*17**	*8MX*0701716**	1.00	0.92	ENH4X36*17**	*8MPV075	1.01	0.92
EHD4X36A**	*8MX*0902116**	1.01	0.92	ENH4X30*17**	*8MX*0902116**	1.00	0.92	ENH4X36*17**	*8MPV100	1.01	0.92
EHD4X36A**	NOMV106D12*	1.01	0.92	ENH4X30*17**	*9MPV050	1.00	0.96	ENH4X36*17**	*8MPV125	1.01	0.92
EN(A,D)4X30*14**	*8MV*0701412**	1.00	0.92	ENH4X30*17**	*9MPV075	1.00	0.92	ENH4X36*17**	*8MV*0701412**	1.01	0.92

> 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)
EN(A,D)4X30*14**		1.00	1.00	ENH4X30*17**	*9MPV100	1.00	0.92	ENH4X36*17**	*8MV*0901716**	1.01	0.92
EN(A,D)4X30*17**	*8MV*0901716**	1.00	0.92	ENH4X30*17**	*9MPV125	1.00	0.92	ENH4X36*17**	*8MV*1102120**	1.01	0.92
EN(A,D)4X30*17**	*8MX*0701716**	1.00	0.92	ENH4X30*17**	*9MVX040	1.00	0.96	ENH4X36*17**	*8MV*1352422**	1.01	0.92
EN(A,D)4X30*17**	NOMV106D12*	1.00	0.92	ENH4X30*17**	*9MVX060	1.00	0.92	ENH4X36*17**	*8MX*0701716**	1.01	0.92
EN(A,D)4X30*17**	OLV098A12A	1.00	0.92	ENH4X30*17**	*9MVX080	1.00	0.92	ENH4X36*17**	*8MX*0902116**	1.01	0.92
EN(A,D)4X30*17**	OMV098J12A	1.00	0.92	ENH4X30*17**	*9MVX100	1.00	0.92	ENH4X36*17**	*9MPV050	1.01	0.96
EN(A,D)4X30*17**	OMV112K14A	1.00	0.92	ENH4X30*17**	MV08B15**B*	1.00	0.92	ENH4X36*17**	*9MPV075	1.01	0.92
EN(A,D)4X30*17**		1.00	1.00	ENH4X30*17**	MV12F19**B*	1.00	0.92	ENH4X36*17**	*9MPV100	1.01	0.92
EN(A,D)4X31*17**	*8MV*0901716**	1.01	0.93	ENH4X30*17**	NOMV106D12*	1.00	0.92	ENH4X36*17**	*9MPV125	1.01	0.92
EN(A,D)4X31*17**	*8MX*0701716**	1.01	0.93	ENH4X30*17**	OLV098A12A	1.00	0.92	ENH4X36*17**	*9MVX040	1.01	0.96
EN(A,D)4X31*17**	NOMV106D12*	1.01	0.93	ENH4X30*17**	OLV112A16A	1.00	0.92	ENH4X36*17**	*9MVX060	1.01	0.92
EN(A,D)4X31*17**	OLV098A12A	1.01	0.93	ENH4X30*17**	OMV098J12A	1.00	0.92	ENH4X36*17**	*9MVX080	1.01	0.92
EN(A,D)4X31*17**	OMV098J12A	1.01	0.93	ENH4X30*17**	OMV112K14A	1.00	0.92	ENH4X36*17**	*9MVX100	1.01	0.92
EN(A,D)4X31*17**	OMV112K14A	1.01	0.93	ENH4X30*17**		1.00	1.00	ENH4X36*17**	MV08B15**B*	1.01	0.92
EN(A,D)4X31*17**		1.01	1.01	ENH4X31*17**	*8MPV050	1.01	0.93	ENH4X36*17**	MV12F19**B*	1.01	0.92
EN(A,D)4X36*21**	*8MV*1102120**	1.01	0.92	ENH4X31*17**	*8MPV075	1.01	0.93	ENH4X36*17**	NOMV106D12*	1.00	0.92
EN(A,D)4X36*21**	*8MX*0902116**	1.01	0.92	ENH4X31*17**	*8MPV100	1.01	0.93	ENH4X36*17**	OLV098A12A	1.01	0.92
EN(A,D)4X36*21**	OLV112A16A	1.01	0.92	ENH4X31*17**	*8MPV125	1.01	0.93	ENH4X36*17**	OLV112A16A	1.01	0.92
EN(A,D)4X36*21**		1.01	1.01	ENH4X31*17**	*8MV*0701412**	1.01	0.93	ENH4X36*17**	OMV098J12A	1.01	0.92
EN(A,D)4X37*17**	*8MV*0901716**	1.02	0.94	ENH4X31*17**	*8MV*0901716**	1.01	0.93	ENH4X36*17**	OMV112K14A	1.01	0.92
EN(A,D)4X37*17**	*8MX*0701716**	1.02	0.94	ENH4X31*17**	*8MV*1102120**	1.01	0.93	ENH4X36*17**		1.01	1.01
EN(A,D)4X37*17**	NOMV106D12*	1.02	0.94	ENH4X31*17**	*8MV*1352422**	1.01	0.93	FEM4P30**A*		1.00	0.92
EN(A,D)4X37*17**	OLV098A12A	1.02	0.94	ENH4X31*17**	*8MX*0701716**	1.01	0.93	FEM4P36**A*		1.01	0.93
EN(A,D)4X37*17**	OMV098J12A	1.02	0.94	ENH4X31*17**	*8MX*0902116**	1.01	0.93	FS(M,U)4P30**A*		1.02	0.94
EN(A,D)4X37*17**	OMV112K14A	1.02	0.94	ENH4X31*17**	*9MPV050	1.01	0.93	FS(M,U)4P36**A*		1.02	0.98
EN(A,D)4X37*17**		1.02	1.02	ENH4X31*17**	*9MPV075	1.01	0.87	FXM4X30**A*		1.02	0.94
EN(A,D,W)4X36*17**	*8MV*0901716**	1.01	0.92	ENH4X31*17**	*9MPV100	1.01	0.93	FXM4X36**A*		1.03	0.94
EN(A,D,W)4X36*17**	*8MX*0701716**	1.01	0.92	ENH4X31*17**	*9MPV125	1.01	0.93				
EN(A,D,W)4X36*17**	NOMV106D12*	1.00	0.92	ENH4X31*17**	*9MVX040	1.01	0.93				
HC4A336											
>ED*4X42J**		1.00	1.00	END4X42*17**	*8MX*0701716**	1.01	0.92	ENH4X42*21**	*9MVX040	1.00	0.96
ED*4X42L**	*8MV*1352422**	1.00	0.92	END4X42*17**	NOMV106D12*	1.01	0.92	ENH4X42*21**	*9MVX060	1.01	0.96
EHD4X36A**	*8MV*0701412**	1.00	0.92	END4X42*17**	OLV098A12A	1.01	0.96	ENH4X42*21**	*9MVX080	1.01	0.92
EHD4X36A**	*8MV*0901716**	1.00	0.92	END4X42*17**	OMV098J12A	1.01	0.96	ENH4X42*21**	*9MVX100	1.01	0.92
EHD4X36A**	*8MV*1102120**	1.00	0.92	END4X42*17**	OMV112K14A	1.01	0.92	ENH4X42*21**	MV08B15**B*	1.01	0.92
EHD4X36A**	*8MV*1352422**	1.00	0.92	END4X42*17**		1.01	1.01	ENH4X42*21**	MV12F19**B*	1.01	0.92
EHD4X36A**	*8MX*0451408**	1.00	0.96	ENH4X36*17**	*8MPV050	0.98	0.94	ENH4X42*21**	MV16J22**B*	1.01	0.92

> 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)
EHD4X36A**	*8MX*0701716**	1.00	0.92	ENH4X36*17**	*8MPV075	0.99	0.95	ENH4X42*21**	MV20L24**B*	1.01	0.92
EHD4X36A**	*8MX*0902116**	1.00	0.92	ENH4X36*17**	*8MPV100	1.00	0.92	ENH4X42*21**	NOMV106D12*	0.99	0.91
EHD4X36A**	*8MX*1102120**	1.00	0.92	ENH4X36*17**	*8MPV125	1.00	0.92	ENH4X42*21**	NOMV156E19*	1.00	0.92
EHD4X36A**	NOMV106D12*	1.00	0.92	ENH4X36*17**	*8MV*0701412**	0.99	0.95	ENH4X42*21**	OLV098A12A	1.00	0.96
EHD4X36A**	NOMV156E19*	1.00	0.92	ENH4X36*17**	*8MV*0901716**	0.99	0.91	ENH4X42*21**	OLV112A16A	1.01	0.96
EHD4X42A**	*8MV*0701412**	1.01	0.92	ENH4X36*17**	*8MV*1102120**	0.99	0.91	ENH4X42*21**	OLV154F20A	1.01	0.92
EHD4X42A**	*8MV*0901716**	1.01	0.92	ENH4X36*17**	*8MV*1352422**	0.99	0.91	ENH4X42*21**	OMV098J12A	1.00	0.96
EHD4X42A**	*8MV*1102120**	1.01	0.92	ENH4X36*17**	*8MX*0451408**	0.99	0.95	ENH4X42*21**	OMV112K14A	1.01	0.92
EHD4X42A**	*8MV*1352422**	1.01	0.92	ENH4X36*17**	*8MX*0701716**	0.99	0.95	ENH4X42*21**		1.01	1.01
EHD4X42A**	*8MX*0451408**	1.01	0.96	ENH4X36*17**	*8MX*0902116**	0.99	0.91	ENH4X43*21**	*8MPV050	1.02	0.98
EHD4X42A**	*8MX*0701716**	1.01	0.92	ENH4X36*17**	*8MX*1102120**	1.00	0.92	ENH4X43*21**	*8MPV075	1.02	0.94
EHD4X42A**	*8MX*0902116**	1.01	0.92	ENH4X36*17**	*9MPV050	0.99	0.95	ENH4X43*21**	*8MPV100	1.02	0.94
EHD4X42A**	*8MX*1102120**	1.01	0.92	ENH4X36*17**	*9MPV075	0.99	0.95	ENH4X43*21**	*8MPV125	1.02	0.94
EHD4X42A**	NOMV106D12*	1.01	0.92	ENH4X36*17**	*9MPV100	1.00	0.96	ENH4X43*21**	*8MV*0701412**	1.02	0.94
EHD4X42A**	NOMV156E19*	1.01	0.92	ENH4X36*17**	*9MPV125	1.00	0.92	ENH4X43*21**	*8MV*0901716**	1.02	0.94
EN(A,D)4X36*21**	*8MV*1102120**	0.99	0.91	ENH4X36*17**	*9MVX040	0.99	0.95	ENH4X43*21**	*8MV*1102120**	1.02	0.94
EN(A,D)4X36*21**	*8MX*0902116**	1.00	0.92	ENH4X36*17**	*9MVX060	0.99	0.95	ENH4X43*21**	*8MV*1352422**	1.02	0.94
EN(A,D)4X36*21**	*8MX*1102120**	1.00	0.92	ENH4X36*17**	*9MVX080	1.00	0.96	ENH4X43*21**	*8MX*0451408**	1.02	0.98
EN(A,D)4X36*21**	NOMV156E19*	0.99	0.91	ENH4X36*17**	*9MVX100	1.00	0.92	ENH4X43*21**	*8MX*0701716**	1.02	0.94
EN(A,D)4X36*21**	OLV112A16A	0.99	0.95	ENH4X36*17**	MV08B15**B*	1.00	0.92	ENH4X43*21**	*8MX*0902116**	1.02	0.94
EN(A,D)4X36*21**		1.00	1.00	ENH4X36*17**	MV12F19**B*	1.00	0.92	ENH4X43*21**	*8MX*1102120**	1.02	0.94
EN(A,D)4X37*17**	*8MV*0901716**	1.03	0.94	ENH4X36*17**	MV16J22**B*	1.00	0.92	ENH4X43*21**	*9MPV050	1.02	0.98
EN(A,D)4X37*17**	*8MX*0701716**	1.03	0.94	ENH4X36*17**	MV20L24**B*	1.00	0.92	ENH4X43*21**	*9MPV075	1.02	0.94
EN(A,D)4X37*17**	NOMV106D12*	1.02	0.94	ENH4X36*17**	NOMV106D12*	0.98	0.94	ENH4X43*21**	*9MPV100	1.02	0.94
EN(A,D)4X37*17**	OLV098A12A	1.02	0.94	ENH4X36*17**	NOMV156E19*	0.99	0.91	ENH4X43*21**	*9MPV125	1.02	0.94
EN(A,D)4X37*17**	OMV098J12A	1.03	0.94	ENH4X36*17**	OLV098A12A	0.99	0.95	ENH4X43*21**	*9MVX040	1.02	0.98
EN(A,D)4X37*17**	OMV112K14A	1.03	0.94	ENH4X36*17**	OLV112A16A	0.99	0.95	ENH4X43*21**	*9MVX060	1.02	0.94
EN(A,D)4X37*17**		1.03	1.03	ENH4X36*17**	OLV154F20A	1.00	0.92	ENH4X43*21**	*9MVX080	1.02	0.94
EN(A,D)4X43*24**	*8MV*1352422**	1.02	0.94	ENH4X36*17**	OMV098J12A	0.99	0.95	ENH4X43*21**	*9MVX100	1.02	0.94
EN(A,D)4X43*24**	*9MPV125	1.02	0.94	ENH4X36*17**	OMV112K14A	0.99	0.95	ENH4X43*21**	MV08B15**B*	1.02	0.94
EN(A,D)4X43*24**	*9MVX100	1.02	0.94	ENH4X36*17**		1.00	1.00	ENH4X43*21**	MV12F19**B*	1.02	0.94
EN(A,D)4X43*24**	MV20L24**B*	1.02	0.94	ENH4X42*21**	*8MPV050	0.99	0.95	ENH4X43*21**	MV16J22**B*	1.02	0.94
EN(A,D)4X43*24**		1.02	1.02	ENH4X42*21**	*8MPV075	1.01	0.92	ENH4X43*21**	MV20L24**B*	1.02	0.94
EN(A,D,W)4X36*17**	*8MV*0901716**	0.99	0.91	ENH4X42*21**	*8MPV100	1.01	0.92	ENH4X43*21**	NOMV106D12*	1.02	0.94
EN(A,D,W)4X36*17**	*8MX*0701716**	0.99	0.95	ENH4X42*21**	*8MPV125	1.01	0.92	ENH4X43*21**	NOMV156E19*	1.02	0.94
EN(A,D,W)4X36*17**	NOMV106D12*	0.98	0.94	ENH4X42*21**	*8MV*0701412**	1.00	0.92	ENH4X43*21**	OLV098A12A	1.02	0.94
EN(A,D,W)4X36*17**	OLV098A12A	0.99	0.95	ENH4X42*21**	*8MV*0901716**	1.00	0.92	ENH4X43*21**	OLV112A16A	1.02	0.94

> 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)
EN(A,D,W)4X36*17**	OMV098J12A	0.99	0.95	ENH4X42*21**	*8MV*1102120**	1.01	0.92	ENH4X43*21**	OLV154F20A	1.02	0.94
EN(A,D,W)4X36*17**	OMV112K14A	0.99	0.95	ENH4X42*21**	*8MV*1352422**	1.01	0.92	ENH4X43*21**	OMV098J12A	1.02	0.94
EN(A,D,W)4X36*17**		1.00	1.00	ENH4X42*21**	*8MX*0451408**	1.00	0.96	ENH4X43*21**	OMV112K14A	1.02	0.94
EN(A,D,W)4X42*21**	*8MV*1102120**	1.01	0.92	ENH4X42*21**	*8MX*0701716**	1.00	0.96	ENH4X43*21**		1.02	1.02
EN(A,D,W)4X42*21**	*8MX*0902116**	1.01	0.92	ENH4X42*21**	*8MX*0902116**	1.01	0.92	FEM4P36**A*		1.00	0.96
EN(A,D,W)4X42*21**	*8MX*1102120**	1.01	0.92	ENH4X42*21**	*8MX*1102120**	1.01	0.92	FEM4P42**A*		1.02	0.94
EN(A,D,W)4X42*21**	NOMV156E19*	1.00	0.92	ENH4X42*21**	*9MPV050	1.00	0.96	FS(M,U)4P36**A*		1.00	0.96
EN(A,D,W)4X42*21**	OLV112A16A	1.01	0.96	ENH4X42*21**	*9MPV075	1.00	0.96	FS(M,U)4P42**A*		1.02	0.97
EN(A,D,W)4X42*21**		1.01	1.01	ENH4X42*21**	*9MPV100	1.01	0.92	FXM4X36**A*		1.03	0.94
END4X42*17**	*8MV*0901716**	1.01	0.92	ENH4X42*21**	*9MPV125	1.01	0.92	FXM4X42**A*		1.03	0.94
HC4A348											
>ED*4X48J**		1.00	1.00	EN(A,D,W)4X48*21**	NOMV156E19*	0.99	0.95	ENH4X60*24**	*8MX*1352420**	1.01	0.93
ED*4X48L**	*8MV*1352422**	0.99	0.91	EN(A,D,W)4X48*21**	OLV112A16A	0.99	0.95	ENH4X60*24**	*9MPV100	1.01	0.97
ED*4X48L**	*8MX*1352420**	0.99	0.91	EN(A,D,W)4X48*21**		1.00	1.00	ENH4X60*24**	*9MPV125	1.01	0.93
ED*4X60L**	*8MV*1352422**	1.00	0.92	EN(A,D,W)4X60*24**	*8MV*1352422**	1.00	0.92	ENH4X60*24**	*9MVX080	1.01	0.97
ED*4X60L**	*8MX*1352420**	1.00	0.92	EN(A,D,W)4X60*24**	*8MX*1352420**	1.01	0.93	ENH4X60*24**	*9MVX100	1.01	0.93
EHD4X48A**	*8MV*0901716**	0.99	0.95	EN(A,D,W)4X60*24**	*9MPV125	1.01	0.93	ENH4X60*24**	MV16J22**B*	1.01	0.93
EHD4X48A**	*8MV*1102120**	1.00	0.92	EN(A,D,W)4X60*24**	*9MVX100	1.01	0.93	ENH4X60*24**	MV20L24**B*	1.01	0.93
EHD4X48A**	*8MV*1352422**	1.00	0.92	EN(A,D,W)4X60*24**	MV20L24**B*	1.01	0.93	ENH4X60*24**	NOMV156E19*	1.00	0.92
EHD4X48A**	*8MX*0701716**	0.99	0.99	EN(A,D,W)4X60*24**		1.01	1.01	ENH4X60*24**	OLV112A16A	1.00	0.96
EHD4X48A**	*8MX*0902116**	1.00	0.92	ENH4X48*21**	*8MPV100	1.00	0.96	ENH4X60*24**	OLV154F20A	1.01	0.97
EHD4X48A**	*8MX*1102120**	1.00	0.92	ENH4X48*21**	*8MPV125	1.00	0.92	ENH4X60*24**		1.01	1.01
EHD4X48A**	*8MX*1352420**	1.00	0.92	ENH4X48*21**	*8MV*0901716**	0.99	0.95	ENH4X61*24**	*8MPV100	1.02	0.94
EHD4X48A**	NOMV156E19*	0.99	0.95	ENH4X48*21**	*8MV*1102120**	0.99	0.91	ENH4X61*24**	*8MPV125	1.02	0.94
EHD4X60A**	*8MV*0901716**	1.01	0.93	ENH4X48*21**	*8MV*1352422**	0.99	0.91	ENH4X61*24**	*8MV*0901716**	1.00	0.92
EHD4X60A**	*8MV*1102120**	1.01	0.93	ENH4X48*21**	*8MX*0701716**	0.98	0.98	ENH4X61*24**	*8MV*1102120**	1.01	0.93
EHD4X60A**	*8MV*1352422**	1.01	0.93	ENH4X48*21**	*8MX*0902116**	0.99	0.95	ENH4X61*24**	*8MV*1352422**	1.01	0.93
EHD4X60A**	*8MX*0701716**	1.01	0.97	ENH4X48*21**	*8MX*1102120**	0.99	0.91	ENH4X61*24**	*8MX*0701716**	1.00	0.96
EHD4X60A**	*8MX*0902116**	1.01	0.93	ENH4X48*21**	*8MX*1352420**	0.99	0.91	ENH4X61*24**	*8MX*0902116**	1.01	0.93
EHD4X60A**	*8MX*1102120**	1.01	0.93	ENH4X48*21**	*9MPV100	0.99	0.95	ENH4X61*24**	*8MX*1102120**	1.01	0.93
EHD4X60A**	*8MX*1352420**	1.01	0.93	ENH4X48*21**	*9MPV125	0.99	0.95	ENH4X61*24**	*8MX*1352420**	1.01	0.93
EHD4X60A**	NOMV156E19*	1.01	0.93	ENH4X48*21**	*9MVX080	1.00	0.96	ENH4X61*24**	*9MPV100	1.01	0.97
EN(A,D)4X48*24**	*8MV*1352422**	0.99	0.91	ENH4X48*21**	*9MVX100	0.99	0.95	ENH4X61*24**	*9MPV125	1.01	0.93
EN(A,D)4X48*24**	*8MX*1352420**	0.99	0.91	ENH4X48*21**	MV16J22**B*	1.00	0.92	ENH4X61*24**	*9MVX080	1.01	0.97
EN(A,D)4X48*24**	*9MPV125	0.99	0.95	ENH4X48*21**	MV20L24**B*	1.00	0.92	ENH4X61*24**	*9MVX100	1.01	0.93
EN(A,D)4X48*24**	*9MVX100	0.99	0.95	ENH4X48*21**	NOMV156E19*	0.99	0.95	ENH4X61*24**	MV16J22**B*	1.02	0.94
EN(A,D)4X48*24**	MV20L24**B*	1.00	0.92	ENH4X48*21**	OLV112A16A	0.99	0.95	ENH4X61*24**	MV20L24**B*	1.02	0.94

> Indicates Tested Indoor Model

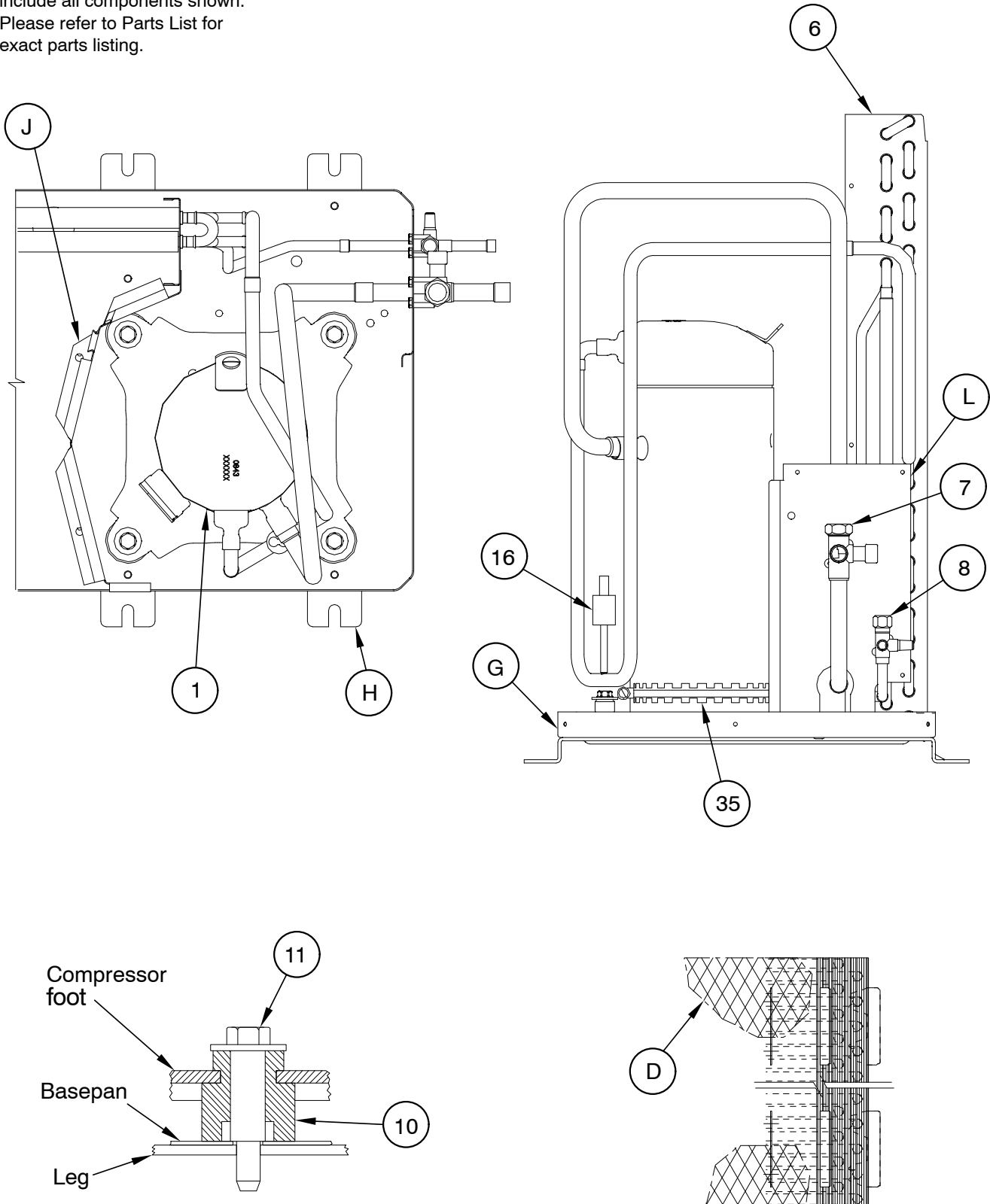
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COOLING Multiplying Factors for other Indoor Combinations (continued)

Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)	Indoor Model	Furnace Model	Capac. (MBh)	Power (AMPS)
EN(A,D)4X48*24**		1.00	1.00	ENH4X48*21**	OLV154F20A	1.00	0.96	ENH4X61*24**	NOMV156E19*	1.01	0.93
EN(A,D)4X61*24**	*8MV*1352422**	1.02	0.94	ENH4X48*21**		1.00	1.00	ENH4X61*24**	OLV112A16A	1.01	0.97
EN(A,D)4X61*24**	*8MX*1352420**	1.02	0.94	ENH4X60*24**	*8MPV100	1.01	0.93	ENH4X61*24**	OLV154F20A	1.03	0.99
EN(A,D)4X61*24**	*9MPV125	1.02	0.94	ENH4X60*24**	*8MPV125	1.01	0.93	ENH4X61*24**		1.02	1.02
EN(A,D)4X61*24**	*9MVX100	1.02	0.94	ENH4X60*24**	*8MV*0901716**	1.00	0.92	FEM4P48**A*		1.00	0.96
EN(A,D)4X61*24**	MV20L24**B*	1.02	0.94	ENH4X60*24**	*8MV*1102120**	1.00	0.92	FEM4X60**B*		1.01	0.93
EN(A,D)4X61*24**		1.02	1.02	ENH4X60*24**	*8MV*1352422**	1.00	0.92	FS(M,U)4P48**A*		1.01	0.97
EN(A,D,W)4X48*21**	*8MV*1102120**	0.99	0.91	ENH4X60*24**	*8MX*0701716**	1.00	0.96	FS(M,U)4X60**A*		1.02	0.98
EN(A,D,W)4X48*21**	*8MX*0902116**	0.99	0.95	ENH4X60*24**	*8MX*0902116**	1.01	0.93	FXM4X48**A*		1.02	0.94
EN(A,D,W)4X48*21**	*8MX*1102120**	0.99	0.91	ENH4X60*24**	*8MX*1102120**	1.01	0.93	FXM4X60**A*		1.03	0.95
HC4A360											
>ED*4X60L**		1.00	1.00	EN(A,D,W)4X60*24**	*8MV*1352422**	1.00	1.00	ENH4X60*24**		1.00	1.00
ED*4X60L**	*8MV*1352422**	1.00	1.00	EN(A,D,W)4X60*24**	*8MX*1352420**	0.99	0.99	ENH4X61*24**	*8MPV125	1.01	1.01
ED*4X60L**	*8MX*1352420**	0.99	0.99	EN(A,D,W)4X60*24**	MV20L24**B*	1.00	0.96	ENH4X61*24**	*8MV*1102120**	1.00	1.00
EHD4X60A**	*8MV*1102120**	1.00	1.00	EN(A,D,W)4X60*24**		1.00	1.00	ENH4X61*24**	*8MV*1352422**	1.00	1.00
EHD4X60A**	*8MV*1352422**	1.00	1.00	ENH4X60*24**	*8MPV125	1.00	1.00	ENH4X61*24**	*8MX*1102120**	1.00	1.00
EHD4X60A**	*8MX*1102120**	1.00	1.00	ENH4X60*24**	*8MV*1102120**	0.99	0.99	ENH4X61*24**	*8MX*1352420**	1.00	1.00
EHD4X60A**	*8MX*1352420**	1.00	1.00	ENH4X60*24**	*8MV*1352422**	1.00	1.00	ENH4X61*24**	MV16J22**B*	1.01	0.96
EN(A,D)4X61*24**	*8MV*1352422**	1.01	1.01	ENH4X60*24**	*8MX*1102120**	1.00	1.00	ENH4X61*24**	MV20L24**B*	1.01	1.01
EN(A,D)4X61*24**	*8MX*1352420**	1.01	1.01	ENH4X60*24**	*8MX*1352420**	0.99	0.99	ENH4X61*24**		1.00	1.00
EN(A,D)4X61*24**	MV20L24**B*	1.01	0.96	ENH4X60*24**	MV16J22**B*	1.00	0.96	FEM4X60**B*		0.99	0.99
EN(A,D)4X61*24**		1.01	1.01	ENH4X60*24**	MV20L24**B*	1.00	0.96	FXM4X60**A*		1.01	1.01

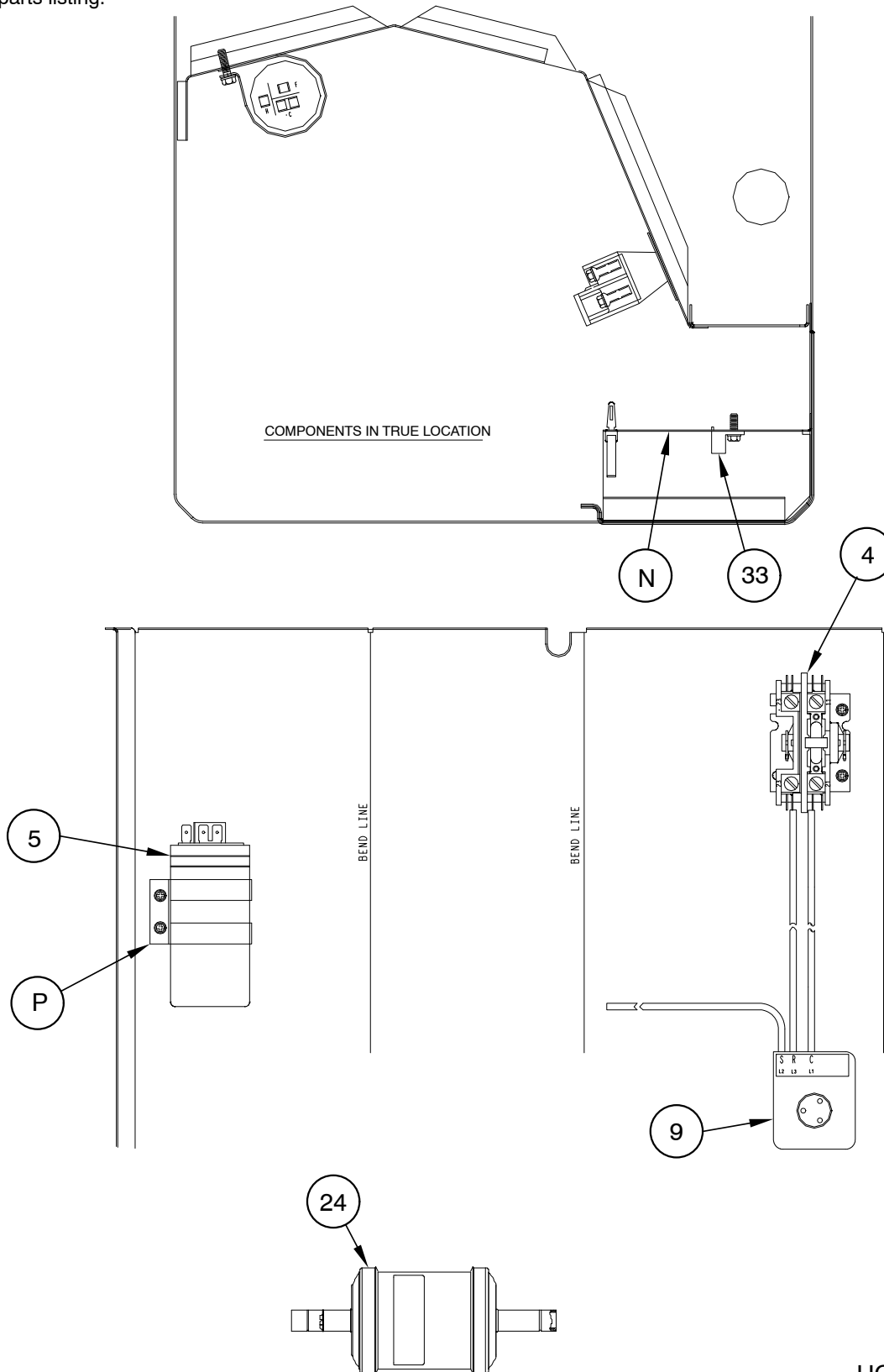
> Indicates Tested Indoor Model

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.

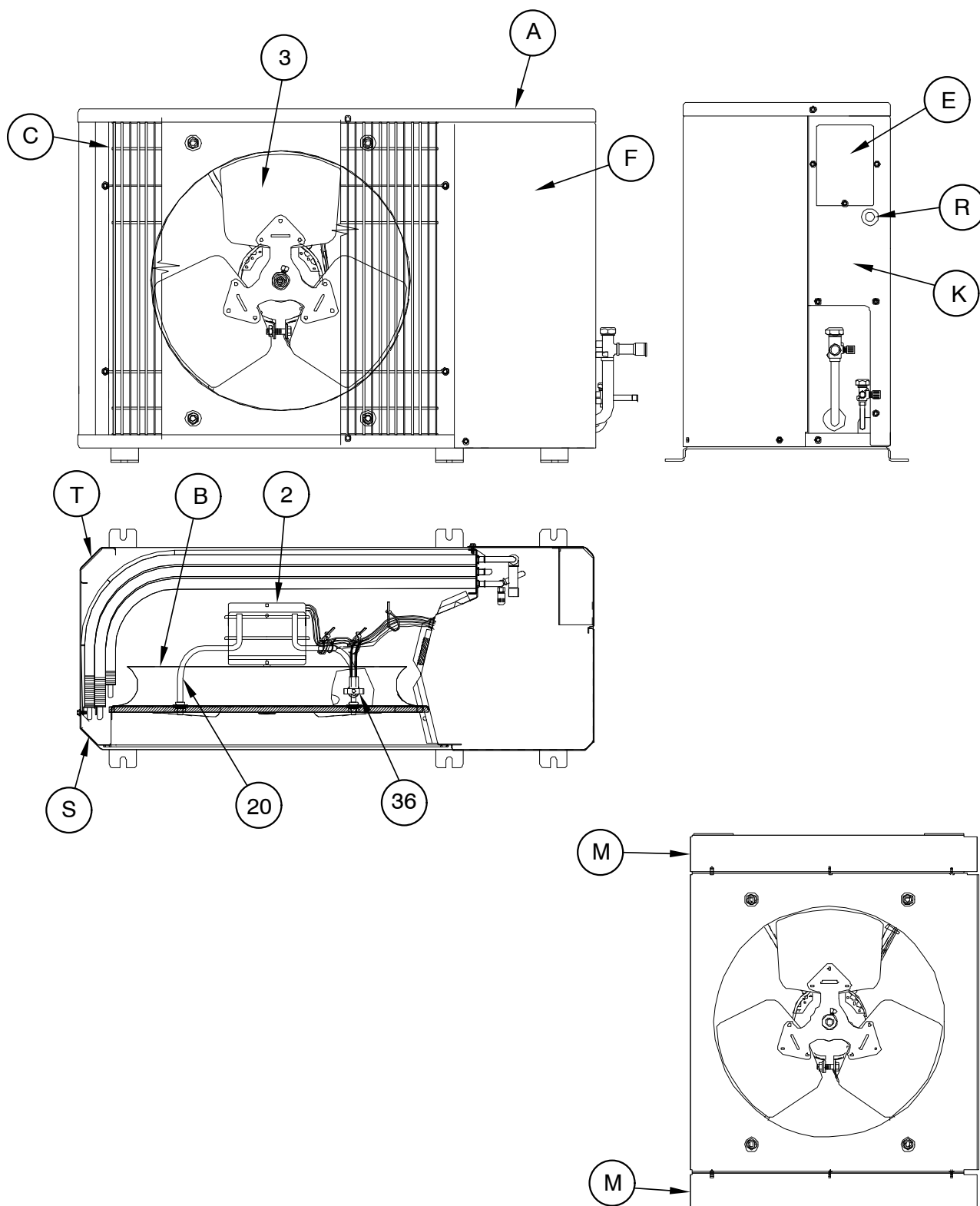


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NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown. Please refer to Parts List for exact parts listing.



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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HC4A3**AKA PARTS LIST

KEY NO.	DESCRIPTION	FAST PARTS NO.	HC4A318AKA100	HC4A324AKA100	HC4A330AKA100	HC4A336AKA100	HC4A348AKA100	HC4A360AKA100
01	COMPRESSOR	ZP16K5EPFV130	1	—	—	—	—	—
01		ZP21K5EPFV130	—	1	—	—	—	—
01		ZP25K5EPFV130	—	—	1	—	—	—
01		ZP29K5EPFV130	—	—	—	1	—	—
01		ZP42K5EPFV130	—	—	—	—	1	—
01		ZP51K5EPFV130	—	—	—	—	—	1
02	MOTOR CONDENSER FAN	1177963	1	1	—	—	—	—
02		1177964	—	—	1	1	1	1
03	FAN BLADE	1177965	1	1	—	—	—	—
03		1177966	—	—	1	1	1	1
04	CONTACTOR 25 AMP 24V	1173689	1	1	1	1	—	—
04	40 AMP 24V	1173690	—	—	—	—	1	1
05	CAPACITOR 370V 30+5 MFD	1172109	1	—	—	—	—	—
05	370V 40+5 MFD	1172147	—	1	1	—	—	—
05	370V 45+5 MFD	1172124	—	—	—	1	—	—
05	370V 70+5 MFD	1172163	—	—	—	—	1	1
06	KIT REPLACEMENT COIL	1178143	1	—	—	—	—	—
06		1178144	—	1	—	—	—	—
06		1178145	—	—	1	1	—	—
06		1178146	—	—	—	—	1	1
07	SERVICE VALVE SUCTION	1177930	1	1	—	—	—	—
07		1177931	—	—	1	1	—	—
07		1177932	—	—	—	—	1	1
08	SERVICE VALVE LIQUID	1178148	1	1	—	—	—	—
08		1178149	—	—	1	1	1	1
09	PLUG COMPRESSOR HARNESS	1172731	1	1	1	1	—	—
09	PLUG COMPRESSOR HARNESS	1176563	—	—	—	—	1	1
10	GROMMET COMPRESSOR	1171270	4	4	4	4	4	4
11	BOLT COMPRESSOR MOUNTING	1173630	4	4	4	4	4	4
16	SWITCH HIGH PRESSURE	1178147	1	1	1	1	1	1
20	MOUNT MOTOR	1177954	1	1	—	—	—	—
20		1177955	—	—	1	1	1	1
24	DRIER FILTER	1172009	1	1	1	1	1	1
33	LUG GROUND	1170677	1	1	1	1	1	1
35	HEATER CRANKCASE	1178087	—	—	—	1	—	—
35	HEATER CRANKCASE	1178088	—	—	—	—	1	1
36	SWITCH TEMP CC HTR	1178086	—	—	—	1	1	1
) (	CAP SERVICE 11/16—20	1175650	1	1	1	1	1	1
) (	CAP SERVICE 15/16—20	1175651	1	1	1	1	—	—
) (	CAP SERVICE 1—1/16—20	1175652	—	—	—	—	1	1
) (	CAP FLARE SEAL	1172410	1	1	1	1	1	1
A	COVER TOP	1177940	1	1	—	—	—	—
A		1177941	—	—	1	1	1	1
B	DECK FAN	1177956	1	1	—	—	—	—
B		1177957	—	—	1	1	1	1
C	GRILLE INLET	1177946	1	—	—	—	—	—
C		1177947	—	1	—	—	—	—
C		1177948	—	—	1	1	—	—
C		1177949	—	—	—	—	1	1
D	GRILLE OUTLET	1177950	1	—	—	—	—	—

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HC4A3**AKA PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	HC4A318AKA100	HC4A324AKA100	HC4A330AKA100	HC4A336AKA100	HC4A348AKA100	HC4A360AKA100
D		1177952	—	1	—	—	—	—
D		1177951	—	—	1	1	—	—
D		1177953	—	—	—	—	1	1
E	COVER ACCESS	1178094	1	1	1	1	1	1
F	PANEL ACCESS	1177936	1	—	—	—	—	—
F		1177937	—	1	—	—	—	—
F		1177938	—	—	1	1	—	—
F		1177939	—	—	—	—	1	1
G	PAN BASE	1178095	1	1	—	—	—	—
G		1178096	—	—	1	1	1	1
H	LEG MOUNTING	1178097	3	3	—	—	—	—
H		1178098	—	—	3	3	3	3
J	PARTITION	1178099	1	—	—	—	—	—
J		1178100	—	1	—	—	—	—
J		1178101	—	—	1	1	—	—
J		1178102	—	—	—	—	1	1
K	PANEL ELECTRICAL	1177942	1	—	—	—	—	—
K		1177943	—	1	—	—	—	—
K		1177944	—	—	1	1	—	—
K		1177945	—	—	—	—	1	1
L	PLATE SERVICE VALVE	1178110	1	1	1	1	1	1
M	PANEL BLOCK OFF	1178105	—	2	—	—	—	—
M		1178106	—	—	—	—	2	2
N	BOX ELECTRICAL	1178107	1	1	1	1	1	1
P	STRAP CAPACITOR	1172734	1	1	1	1	—	—
P		1172735	—	—	—	—	1	1
R	GROMMET	1171737	1	1	1	1	1	1
S	SUPPORT COIL	1178117	1	—	—	—	—	—
S		1178118	—	1	—	—	—	—
S		1178119	—	—	1	1	—	—
S		1178120	—	—	—	—	1	1
T	CORNER PANEL LEFT	1178121	1	—	—	—	—	—
T		1178122	—	1	—	—	—	—
T		1178123	—	—	1	1	—	—
T		1178124	—	—	—	—	1	1
) (	SCREW HEX 10AB 1/2	1177071	45	45	45	45	45	45
) (	PAINT TOUCH UP 1PT	1174762	1	1	1	1	1	1

HC4A3**AHA PARTS LIST					
KEY NO.	DESCRIPTION	FAST PARTS NO.	HC4A336AHA100	HC4A348AHA100	HC4A360AHA100
01	COMPRESSOR	ZP29K5ETF5130	1	—	—
01		ZP42K5ETF5130	—	1	—
01		ZP51K5ETFD130	—	—	1
02	MOTOR CONDENSER FAN	1177964	1	1	1
03	FAN BLADE	1177966	1	1	1
04	CONTACTOR 18 AMP 24V	1174754	1	1	1
05	CAPACITOR 440V 5 MFD	1178115	1	1	1
06	KIT REPLACEMENT COIL	1178145	1	—	—
06	KIT REPLACEMENT COIL	1178146	—	1	1
07	SERVICE VALVE SUCTION	1177931	1	—	—
07	SERVICE VALVE SUCTION	1177932	—	1	1
08	SERVICE VALVE LIQUID	1178149	1	1	1
09	PLUG COMPRESSOR HARNESS	1178126	1	1	1
10	GROMMET COMPRESSOR	1171270	4	4	4
11	BOLT COMPRESSOR MOUNTING	1173630	4	4	4
16	SWITCH HIGH PRESSURE	1178147	1	1	1
20	MOUNT MOTOR	1177955	1	1	1
24	DRIER FILTER	1172009	1	1	1
33	LUG GROUND	1170677	1	1	1
35	HEATER CRANKCASE	1178087	1	—	—
35	HEATER CRANKCASE	1178088	—	1	1
36	SWITCH TEMP CC HTR	1178086	1	1	1
) (	CAP SERVICE 11/16—20	1175650	1	1	1
) (	CAP SERVICE 15/16—20	1175651	1	—	—
) (	CAP SERVICE 1—1/16—20	1175652	—	1	1
) (	CAP FLARE SEAL	1172410	1	1	1
A	COVER TOP	1177941	1	1	1
B	DECK FAN	1177957	1	1	1
C	GRILLE INLET	1177948	1	—	—
C	GRILLE INLET	1177949	—	1	1
D	GRILLE OUTLET	1177951	1	—	—
D	GRILLE OUTLET	1177953	—	1	1
E	COVER ACCESS	1178094	1	1	1
F	PANEL ACCESS	1177938	1	—	—
F	PANEL ACCESS	1177939	—	1	1
G	PAN BASE	1178096	1	1	1
H	LEG MOUNTING	1178098	3	3	3
J	PARTITION	1178101	1	—	—
J	PARTITION	1178102	—	1	1
K	PANEL ELECTRICAL	1177944	1	—	—
K	PANEL ELECTRICAL	1177945	—	1	1
L	PLATE SERVICE VALVE	1178110	1	1	1
M	PANEL BLOCK OFF	1178106	—	2	2
N	BOX ELECTRICAL	1178107	1	1	1
P	STRAP CAPACITOR	1174073	1	1	1
R	GROMMET	1171737	1	1	1
S	SUPPORT COIL	1178119	1	—	—
S	SUPPORT COIL	1178120	—	1	1
T	CORNER PANEL LEFT	1178123	1	—	—
T	CORNER PANEL LEFT	1178124	—	1	1
) (	SCREW HEX 10AB 1/2	1177071	45	45	45
) (	PAINT TOUCH UP 1PT	1174762	1	1	1

HC4A3**ALA PARTS LIST					
KEY NO.	DESCRIPTION	FAST PARTS NO.	HC4A336ALA100	HC4A348ALA100	HC4A360ALA100
01	COMPRESSOR	ZP29K5ETFD130	1	—	—
01		ZP42K5ETFD130	—	1	—
01		ZP51K5ETFD130	—	—	1
02	MOTOR CONDENSER FAN	1178111	1	1	1
03	FAN BLADE	1177966	1	1	1
04	CONTACTOR 18 AMP 24V	1176523	1	1	1
05	CAPACITOR 440V 5 MFD	1178115	1	1	1
06	KIT REPLACEMENT COIL	1178145	1	—	—
06	KIT REPLACEMENT COIL	1178146	—	1	1
07	SERVICE VALVE SUCTION	1177931	1	—	—
07	SERVICE VALVE SUCTION	1177932	—	1	1
08	SERVICE VALVE LIQUID	1178149	1	1	1
09	PLUG COMPRESSOR HARNESS	1178126	1	1	1
10	GROMMET COMPRESSOR	1171270	4	4	4
11	BOLT COMPRESSOR MOUNTING	1173630	4	4	4
16	SWITCH HIGH PRESSURE	1178147	1	1	1
20	MOUNT MOTOR	1177955	1	1	1
24	DRIER FILTER	1172009	1	1	1
33	LUG GROUND	1170677	1	1	1
35	HEATER CRANKCASE	1178114	1	—	—
35	HEATER CRANKCASE	1178113	—	1	1
36	SWITCH TEMP CC HTR	1178112	1	1	1
) (	CAP SERVICE 11/16—20	1175650	1	1	1
) (	CAP SERVICE 15/16—20	1175651	1	—	—
) (	CAP SERVICE 1—1/16—20	1175652	—	1	1
) (	CAP FLARE SEAL	1172410	1	1	1
A	COVER TOP	1177941	1	1	1
B	DECK FAN	1177957	1	1	1
C	GRILLE INLET	1177948	1	—	—
C	GRILLE INLET	1177949	—	1	1
D	GRILLE OUTLET	1177951	1	—	—
D	GRILLE OUTLET	1177953	—	1	1
E	COVER ACCESS	1178094	1	1	1
F	PANEL ACCESS	1177938	1	—	—
F	PANEL ACCESS	1177939	—	1	1
G	PAN BASE	1178096	1	1	1
H	LEG MOUNTING	1178098	3	3	3
J	PARTITION	1178101	1	—	—
J	PARTITION	1178102	—	1	1
K	PANEL ELECTRICAL	1177944	1	—	—
K	PANEL ELECTRICAL	1177945	—	1	1
L	PLATE SERVICE VALVE	1178110	1	1	1
M	PANEL BLOCK OFF	1178106	—	2	2
N	BOX ELECTRICAL	1178107	1	1	1
P	STRAP CAPACITOR	1174073	1	1	1
R	GROMMET	1171737	1	1	1
S	SUPPORT COIL	1178119	1	—	—
S	SUPPORT COIL	1178120	—	1	1
T	CORNER PANEL LEFT	1178123	1	—	—
T	CORNER PANEL LEFT	1178124	—	1	1
) (	SCREW HEX 10AB 1/2	1177071	45	45	45
) (	PAINT TOUCH UP 1PT	1174762	1	1	1