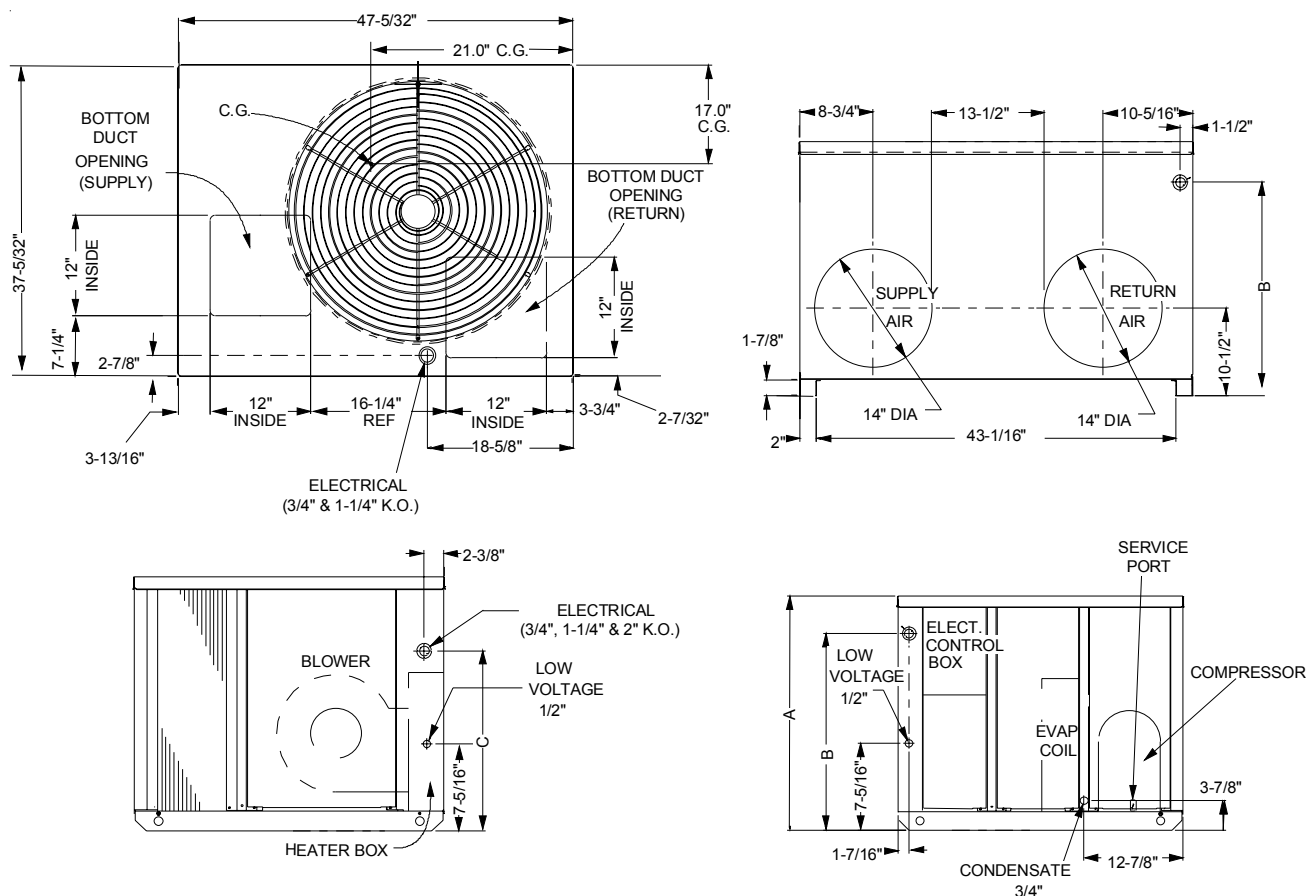


13 SEER PACKAGE HEAT PUMP WITH 10kW ELECTRIC HEATER SPECIFICATION SHEET

SPECIFICATIONS				
		PHD24CC2E	PHD30CC2E	PHD36CC2E
COOLING RATING	COOLING CAPACITY, BTUH	24,000	29,400	34,000
	SEER	13.05	13.05	13.05
HEATING RATING	47°/43°F	23,600	29,400	33,000
	35°/33°F	19,600	24,400	29,000
	17°/15°F	12,600	16,000	19,000
	HSPF	7.1	7.1	7.1
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	15.3	18.9	20.4
	MIN CIRCUIT AMPACITY	18.2	22.7	24.2
	MAX OVERCURRENT PROTECTION	25	30	30
ELECTRIC HEATER SPECIFICATION	MIN CIRCUIT AMPACITY	42	42	42
	MAX OVERCURRENT PROTECTION	50	50	50
COMPRESSOR	TYPE	Scroll	Scroll	Scroll
	RATED LOAD AMPS	11.4	15	16
	LOCKED ROTOR AMPS	56.0	72.5	83.0
CONDENSER FAN MOTOR	HORSEPOWER	1/5	1/5	1/5
	RPM	825	825	825
	FULL LOAD AMPS	1.3	1.3	1.3
	LOCKED ROTOR AMPS	2.0	2.0	2.0
CONDENSER FAN	BLADE DIAMETER / NUMBER	22 IN. / 4	22 IN. / 4	22 IN. / 4
	CFM	2200	2200	2200
CONDENSER COIL	FACE AREA (SQ. FT.)	10.2	10.2	12.4
	NUMBER OF ROWS	2	2	2
	FINS PER INCH	20	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - # OF SPEEDS	1/3 - 4	1/3 - 4	1/3 - 4
	FULL LOAD AMPS	2.6	2.6	2.6
	LOCKED ROTOR AMPS	4.2	4.2	4.2
	MOTOR SPEED TAP - COOLING	LOW	MED-LOW	MED-HIGH
	RPM	790	840	960
EVAPORATOR BLOWER	DIAMETER X WIDTH	10 X 8	10 X 8	10 X 8
	RATED SCFM COOLING	810	1020	1100
	MAX EXTERNAL STATIC PRESS	.5" wc	.5" wc	.5" wc
EVAPORATOR COIL	FACE AREA (SQ. FT.)	3.2	3.2	4.4
	NUMBER OF ROWS	3	4	4
	FINS PER INCH	14	14	14
GENERAL INFORMATION	FILTER SIZE (SQ. FT.)	3.0	3.4	4.0
	DRAIN SIZE (IN.)	3/4	3/4	3/4
	EXPANSION DEVICE	ORIFICE	ORIFICE	TXV/TXV
	REFRIGERANT CHARGE R-22 (oz.)	125	125	150
	POWER SUPPLY ENTRANCE SIZE (IN.)	3/4, 1-1/4	3/4, 1-1/4	3/4, 1-1/4
	LOW VOLTAGE ENTRANCE SIZE (IN.)	3/4	3/4	3/4
	SHIPPING WEIGHT LBS.	316	329	388
	OPERATING WEIGHT LBS.	307	321	375
ACCESSORIES	ROOFCURB - HEAT PUMP	PRC06A1	PRC06A1	PRC06A1
	ROOFCURB - COMBINATION	PRC08A1	PRC08A1	PRC08A1
	SXS TO OVER/UNDER KIT	PDTR0U4A	PDTR0U4A	PDTR0U4A
	ANTI-SHORT CYCLE KIT	ASC01A	ASC01A	ASC01A
	HORIZONTAL DUCT COVER KIT	CHK001A	CHK001A	CHK001A
	AMBIENT THERMOSTAT KIT	ATK01	ATK01	ATK01

DIMENSIONS



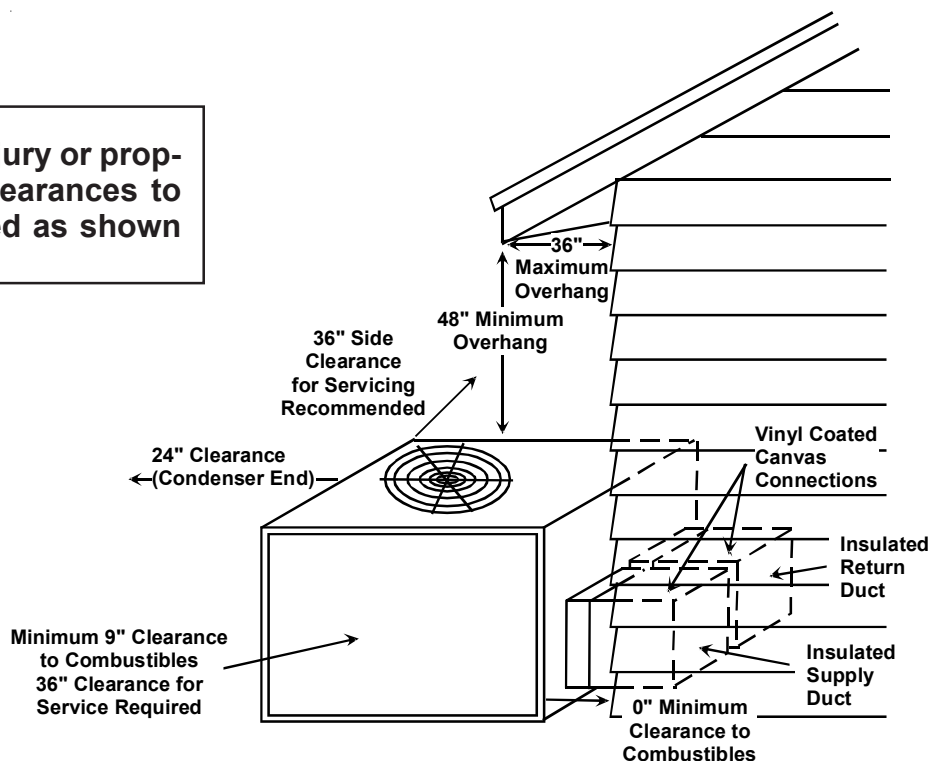
Model	A	B	C
PHD24, 30	30-7/16"	23-9/16"	21-9/16"
PHD 36	36-7/16"	29-9/16"	27-9/16"

CLEARANCES



WARNING

To avoid death, personal injury or property damage due to fire, clearances to combustible surfaces listed as shown must be observed.



HEAT PERFORMANCE DATA



CAUTION

The installation must be adjusted to obtain a temperature rise within the range listed on the unit nameplate.

PHD24CC2E																
	Outdoor Ambient Temperature (° F)															
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0
ΔT	30	28	26	25	24	23	21	20	16	15	13	13	12	11	10	8
Amps	11.2	10.5	9.9	9.4	9.1	9.0	8.5	8.2	7.9	7.6	7.3	7.2	7.1	6.8	6.4	6.1
HI PR	263	252	242	231	226	222	213	205	196	187	180	175	172	166	159	153
LO PR	81	76	71	65	61	59	54	48	44	39	34	32	31	26	22	19

PHD30CC2E																
	Outdoor Ambient Temperature (° F)															
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0
ΔT	37	35	33	31	29	29	27	24	20	18	17	16	15	14	12	11
Amps	14.6	13.6	12.8	12.1	11.8	11.6	11.0	10.5	10.1	9.7	9.3	9.7	9.0	8.6	8.1	7.8
HI PR	253	243	233	223	218	214	206	197	189	181	173	169	166	160	154	147
LO PR	74	69	65	59	56	54	50	44	40	36	31	29	28	24	20	17

PHD36CC2E																
	Outdoor Ambient Temperature (° F)															
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0
ΔT	34	32	30	28	27	26	24	22	18	16	15	14	14	12	11	10
Amps	17.1	16.0	15.1	14.3	13.8	13.6	12.9	12.3	11.9	11.4	10.9	10.7	10.6	10.1	9.6	9.1
HI PR	274	263	253	242	236	232	223	214	205	195	188	183	180	173	166	160
LO PR	74	69	65	59	56	54	50	44	40	36	31	29	28	24	20	17

*Entering indoor dry bulb temperature.

All pressures are at gauge port.

All temperatures are °F.

Amps for total unit.

DRY COIL DATA

PHD(24, 30, 36)CC2E								
Unit Static (In. W.C.)	FAN SPEED							
	Low		Med		Med-High		High	
	CFM	Watts	CFM	Watts	CFM	Watts	CFM	Watts
0.1	840	230	1010	295	1230	385	1660	550
0.2	820	225	990	287	1205	372	1600	530
0.3	800	220	970	280	1180	360	1540	510
0.4	770	210	940	270	1150	345	1480	485
0.5	735	200	905	260	1110	330	1420	460
0.6	700	185	850	250	1060	305	1350	435
0.7	660	170	790	235	1005	290	1280	410
0.8	605	155	700	220	905	275	1205	390

ELECTRIC STRIP HEAT DATA

It is the installer's responsibility to verify that the system being installed will satisfy the building load. The heating load should be calculated by ACCA's Manual J or equivalent. Refer to Table 1 for heater output at 240 volts (if installing with a heat pump, refer to outdoor unit specification sheet for heat pump heating capacity). If the supply voltage is other than 240 volts, apply the correction factor from Table 2 to the heater output from Table 1. If the installer is running only one power circuit to the unit, refer to the amperages listed in Table 3.

Example: (PHCB10C1 Heater Kit)

Supply Voltage = 208 Volts

Correction Factor (Table 2) = 0.75

Adjusted kW = $0.75 \times 10.0 = 7.5$ kW

Adjusted BTUH = $0.75 \times 32,800 = 24,600$ BTUH

PHCB10C1 HEATER CAPACITY @ 240 VAC				
BTUH	kW	POWER SUPPLY VOLTAGE (amps)	L1 - L2	L3 - L4
32,800	10	MINIMUM CIRCUIT AMPACITY	42	-----
		MAXIMUM OVERCURRENT PROTECTION	50	-----

Table 1

VOLTAGE CORRECTION FACTOR	
VOLTAGE @ UNIT	CORRECTION FACTOR
200	0.69
208	0.75
220	0.84
230	0.92
240	1.00
250	1.09

Table 2

NOTE: Before installing the Thermostat Heat Anticipator, adjust the thermostat using the following guidelines:

For 5 to 10 kW - .4

For 15 to 20 kW - .6

PHCB10C1 - SPK02A SUPPLIED UNIT CIRCUIT BREAKER MCA & MOCP DATA POINTS*					
PHD24CC2E (25 amp)		PHD30CC2E (30 amp)		PHD36CC2E (35 amp)	
MCA	MOCP	MCA	MOCP	MCA	MOCP
70.7	80	75.2	80	77.0	80

* MCA - Minimum Circuit Ampacity

MOCP - Maximum Overcurrent Protection

Table 3

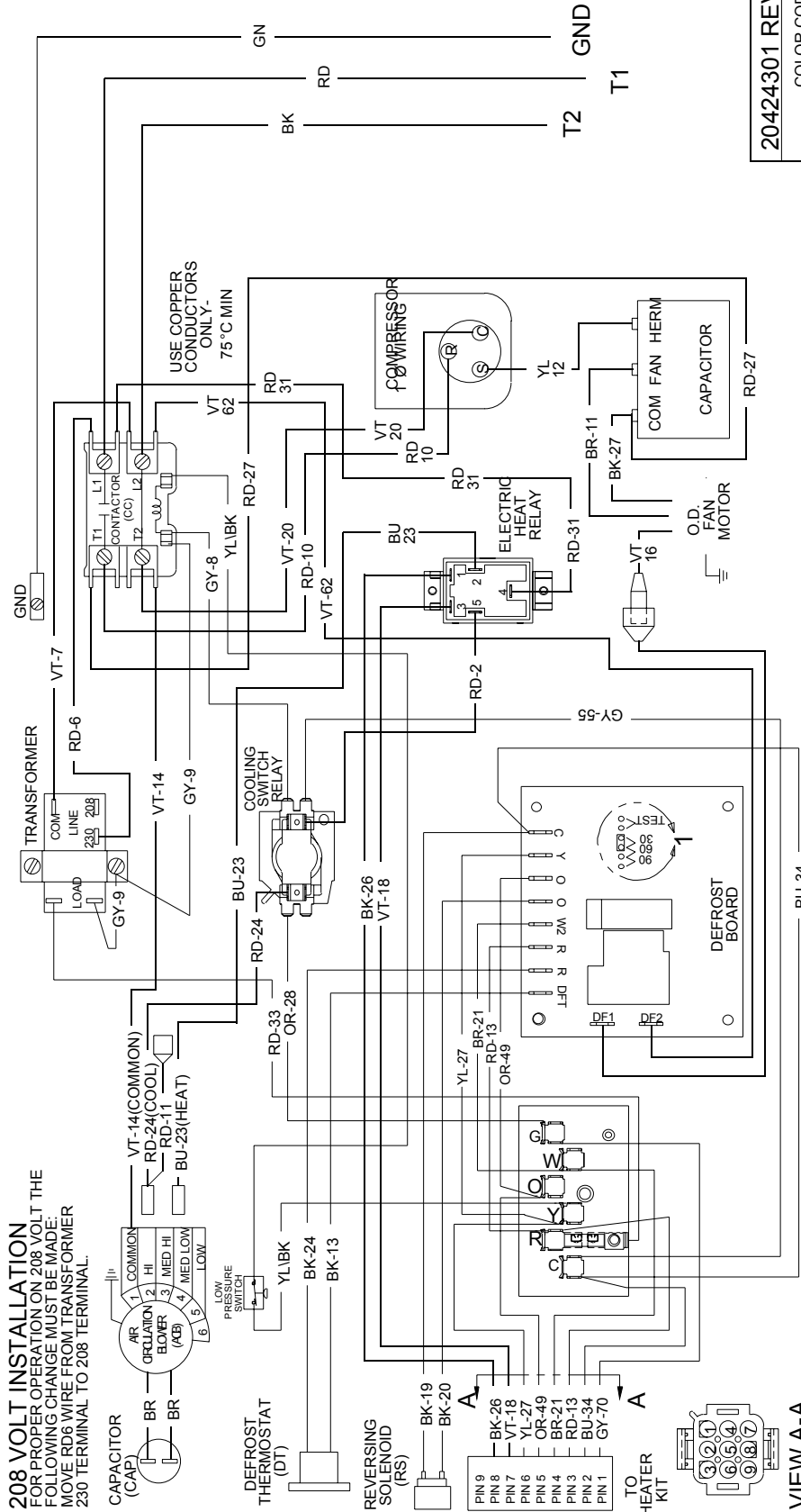
WIRING DIAGRAMS



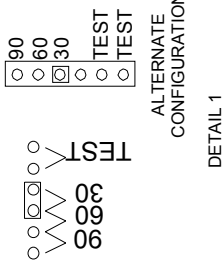
WARNING

To prevent death, personal injury or property damage due to electrical shock, disconnect electrical power to this unit before servicing or performing maintenance.

208 VOLT INSTALLATION
 FOR PROPER OPERATION ON 208 VOLT THE
 FOLLOWING CHANGE MUST BE MADE:
 MOVE RD6 WIRE FROM TRANSFORMER
 230 TERMINAL TO 208 TERMINAL.



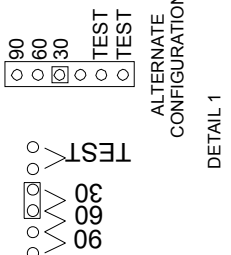
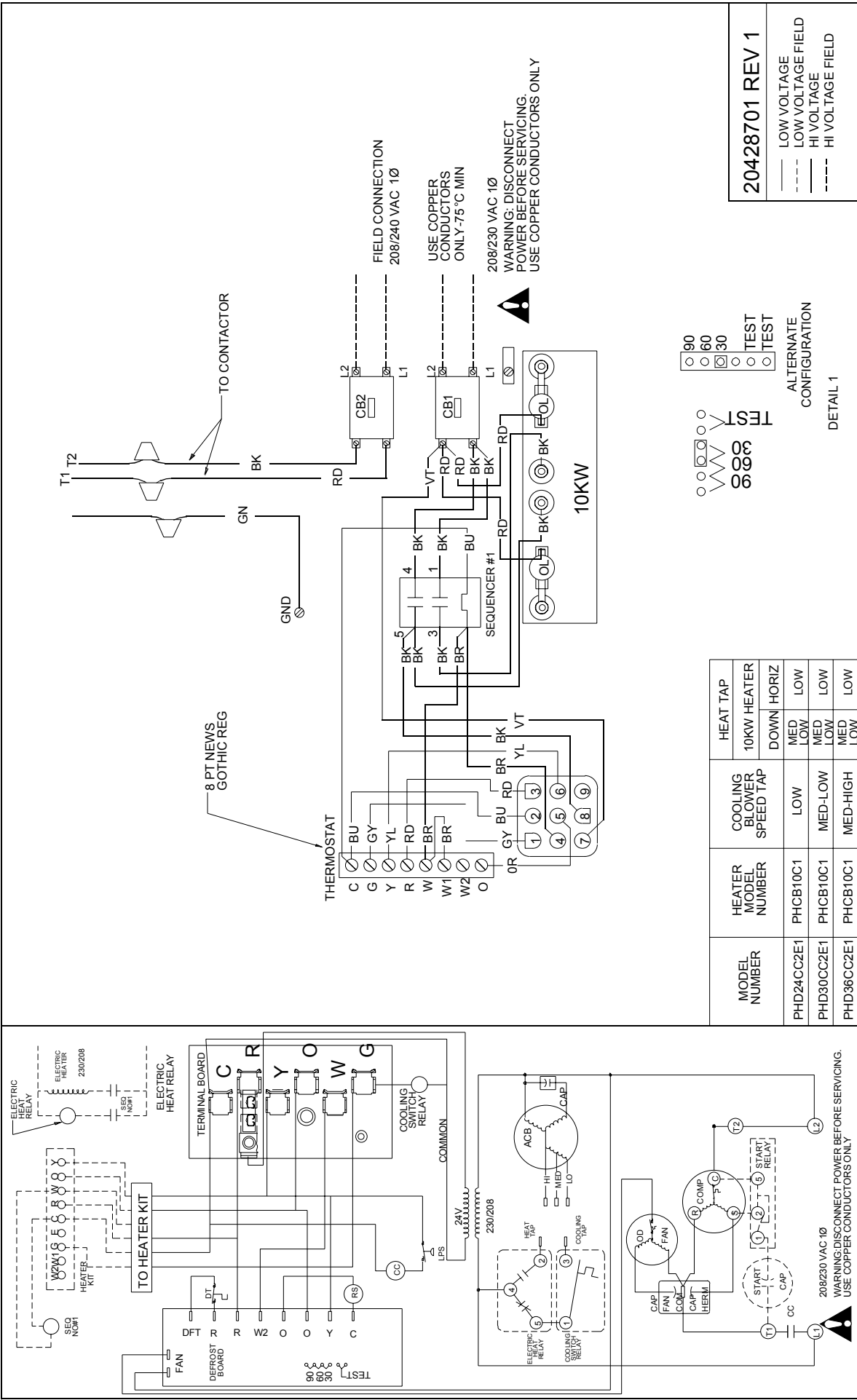
ALTERNATE UNIT POWER REFRIGERANT
 LEADS MAY BE USED WITH ELECTRIC
 HEATER ACCESSORIES. SEE HEATER
 ACCESSORY INSTALLATION INSTRUCTIONS.



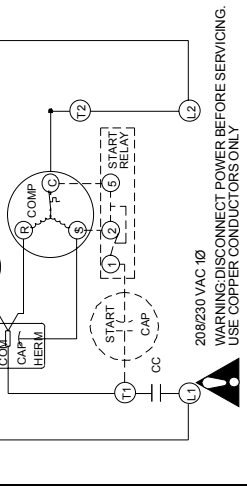
20424301 REV. 1

COLOR CODE	
YL YELLOW	BR BROWN
OR ORANGE	WH WHITE
VT VIOLET	BU BLUE
GN GREEN	GY GRAY
BK BLACK	RD RED
---	LOW VOLTAGE FIELD
---	HI VOLTAGE FIELD
---	HI VOLTAGE FIELD

DETAIL 1



MODEL NUMBER	HEATER MODEL NUMBER	COOLING BLOWER SPEED TAP	HEAT TAP	
			10KW HEATER	HORIZ
PHD24CC2E1	PHCB10C1	LOW	DOWN	LOW
PHD30CC2E1	PHCB10C1	MED-LOW	MED LOW	LOW
PHD36CC2E1	PHCB10C1	MED-HIGH	MED LOW	LOW



20428701 REV 1

LOW VOLTAGE FIELD

LOW VOLTAGE FIELD

HI VOLTAGE

HI VOLTAGE FIELD

TEST 90 60 30

TEST TEST

ALTERNATE CONFIGURATION

DETAIL 1

COOLING PERFORMANCE DATA



CAUTION

The installation must be adjusted to obtain a temperature rise within the range listed on the unit nameplate.

PHD24CC2E																																						
			Outdoor Ambient Temperature (°F)																																			
			65						75						85						95						105						115					
IDB*	Airflow		Entering Indoor Wet Bulb Temperature (°F)																																			
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70	Delta T		16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-								
	AMPS		7.2	7.3	7.5	-	7.6	7.8	8.0	-	8.1	8.3	8.5	-	8.6	8.8	9.0	-	9.0	9.2	9.5	-	9.5	9.7	10.0	-	9.5	9.7	10.0	-								
	HI PR		140	151	160	-	158	170	179	-	179	193	204	-	204	220	232	-	230	247	261	-	254	273	288	-	254	273	288	-								
	LO PR		62	66	72	-	66	70	76	-	68	73	79	-	72	76	83	-	75	80	87	-	78	83	90	-	78	83	90	-								
75	Delta T		17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-								
	AMPS		7.1	7.3	7.4	-	7.6	7.7	7.9	-	8.1	8.3	8.5	-	8.5	8.7	9.0	-	9.0	9.2	9.4	-	9.4	9.6	9.9	-	9.4	9.6	9.9	-								
	HI PR		139	150	158	-	156	168	178	-	178	191	202	-	203	218	230	-	228	245	259	-	252	271	286	-	252	271	286	-								
	LO PR		62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	75	79	87	-	77	82	90	-	77	82	90	-								
80	Delta T		17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-								
	AMPS		7.0	7.2	7.3	-	7.5	7.6	7.8	-	8.0	8.1	8.4	-	8.4	8.6	8.8	-	8.9	9.0	9.3	-	9.3	9.5	9.8	-	9.3	9.5	9.8	-								
	HI PR		137	147	155	-	153	165	174	-	174	188	198	-	199	214	226	-	223	240	254	-	247	266	281	-	247	266	281	-								
	LO PR		61	64	70	-	64	68	74	-	67	71	77	-	70	74	81	-	73	78	85	-	76	81	88	-	76	81	88	-								
75	Delta T		18	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	17	16	13	9								
	AMPS		7.2	7.3	7.5	7.8	7.7	7.8	8.0	8.3	8.2	8.4	8.6	8.9	8.7	8.8	9.1	9.4	9.1	9.3	9.6	9.9	9.6	9.8	10.0	10.4	9.6	9.8	10.0	10.4								
	HI PR		142	153	161	168	159	171	181	189	181	195	206	215	206	222	234	244	232	250	264	275	256	276	291	304	256	276	291	304								
	LO PR		63	67	73	78	66	71	77	82	69	73	80	85	73	77	84	90	76	81	88	94	79	84	91	97	79	84	91	97								
75	Delta T		19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	15	10	17	14	10	10	10								
	AMPS		7.2	7.3	7.5	7.7	7.6	7.8	8.0	8.2	8.2	8.3	8.5	8.8	8.6	8.8	9.0	9.3	9.1	9.3	9.5	9.8	9.5	9.7	10.0	10.3	9.5	9.7	10.0	10.3								
	HI PR		141	152	160	167	158	170	180	187	180	193	204	213	205	220	233	243	230	248	262	273	254	274	289	302	254	274	289	302								
	LO PR		62	66	73	77	66	70	77	82	69	73	80	85	72	77	84	89	75	80	88	93	78	83	91	97	78	83	91	97								
75	Delta T		20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10	17	14	10	10								
	AMPS		7.1	7.2	7.4	7.6	7.5	7.7	7.9	8.1	8.0	8.2	8.4	8.7	8.5	8.7	8.9	9.2	8.9	9.1	9.4	9.7	9.4	9.6	9.8	10.2	9.4	9.6	9.8	10.2								
	HI PR		138	149	157	164	155	167	176	184	176	190	200	209	201	216	228	238	226	243	256	268	249	268	283	296	249	268	283	296								
	LO PR		61	65	71	76	65	69	75	80	67	71	78	83	71	75	82	87	74	79	86	92	77	81	89	95	77	81	89	95								
80	Delta T		21	20	17	14	21	20	17	14	21	20	17	14	21	20	18	14	20	20	17	14	19	19	16	13	19	19	16	13								
	AMPS		7.3	7.4	7.6	7.8	7.7	7.9	8.1	8.3	8.3	8.4	8.7	8.9	8.7	8.9	9.1	9.4	9.2	9.4	9.6	10.0	9.6	9.8	10.1	10.5	9.6	9.8	10.1	10.5								
	HI PR		143	154	163	170	161	173	183	191	183	197	208	217	208	224	237	247	234	252	266	278	259	279	294	307	259	279	294	307								
	LO PR		64	68	74	79	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	84	92	98	79	84	92	98								
80	Delta T		22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	22	21	18	15	20	20	17	14	20	20	17	14								
	AMPS		7.2	7.4	7.6	7.8	7.7	7.8	8.0	8.3	8.2	8.4	8.6	8.9	8.7	8.9	9.1	9.4	9.1	9.3	9.6	9.9	9.6	9.8	10.1	10.4	9.6	9.8	10.1	10.4								
	HI PR		142	153	162	169	160	172	181	189	182	195	206	215	207	223	235	245	233	250	264	276	257	277	292	305	257	277	292	305								
	LO PR		63	67	73	78	67	71	77	82	69	74	80	86	73	77	85	90	76	81	89	94	79	84	92	98	79	84	92	98								
760	Delta T		22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14	21	20	18	14								
	AMPS		7.1	7.3	7.4	7.7	7.6	7.7	7.9	8.2	8.1	8.3	8.5	8.7	8.5	8.7	9.0	9.2	9.0	9.2	9.4	9.7	9.4	9.6	9.9	10.2	9.4	9.6	9.9	10.2								
	HI PR		139	150	158	165	156	168	178	185	178	191	202	211	203	218	230	240	228	245	259	270	252	271	286	299	252	271	286	299								
	LO PR		62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	96	77	82	90	96								

*Entering Dry Bulb Temperature.

NOTE: Darker shaded area with white lettering is ARI rating conditions, (95° ambient, 80° IDB + 67° IWB).

Lighter shaded area with black lettering is ACCA rating conditions, (95° ambient, 75° IDB + 63° IWB).

All Pressures are PSIG. All temperatures are in °F.

Low and high pressure are measured at gauge port.

Amps are total unit amps at a rated voltage of 230 VAC.

PHD30CC2E																									
		Outdoor Ambient Temperature (°F)																							
		65				75				85				95				105				115			
		Entering Indoor Wet Bulb Temperature (°F)																							
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	Delta T	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
	AMPS	9.5	9.7	10.0	-	10.2	10.4	10.7	-	10.9	11.1	11.5	-	11.6	11.8	12.2	-	12.2	12.5	12.8	-	12.9	13.1	13.5	-
	HI PR	148	159	168	-	166	179	189	-	189	203	215	-	215	232	245	-	242	261	275	-	268	288	304	-
	LO PR	63	67	74	-	67	71	78	-	70	74	81	-	73	78	85	-	77	81	89	-	79	84	92	-
70	Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	AMPS	9.5	9.7	9.9	-	10.1	10.3	10.6	-	10.9	11.1	11.4	-	11.5	11.7	12.1	-	12.1	12.4	12.8	-	12.8	13.1	13.5	-
	HI PR	147	158	167	-	165	178	188	-	188	202	213	-	214	230	243	-	241	259	273	-	266	286	302	-
	LO PR	63	67	73	-	66	71	77	-	69	73	80	-	73	77	84	-	76	81	88	-	79	84	91	-
70	Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	AMPS	9.3	9.5	9.8	-	10.0	10.2	10.4	-	10.7	10.9	11.2	-	11.3	11.6	11.9	-	12.0	12.2	12.6	-	12.6	12.8	13.2	-
	HI PR	144	155	164	-	162	174	184	-	184	198	209	-	210	226	238	-	236	254	268	-	261	280	296	-
	LO PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	75	79	87	-	77	82	90	-
75	Delta T	20	18	15	10	20	18	15	10	20	19	15	10	20	19	15	11	20	18	15	10	19	17	14	10
	AMPS	9.6	9.8	10.1	10.4	10.2	10.5	10.8	11.1	11.0	11.2	11.6	11.9	11.7	11.9	12.3	12.7	12.3	12.6	13.0	13.4	13.0	13.2	13.6	14.1
	HI PR	150	161	170	177	168	181	191	199	191	206	217	226	218	234	247	258	245	263	278	290	270	291	307	321
	LO PR	64	68	74	79	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99
	Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
	AMPS	9.5	9.7	10.0	10.3	10.2	10.4	10.7	11.0	10.9	11.2	11.5	11.9	11.6	11.8	12.2	12.6	12.2	12.5	12.9	13.3	12.9	13.2	13.6	14.0
	HI PR	149	160	169	176	167	179	190	198	190	204	216	225	216	233	246	256	243	262	276	288	269	289	305	318
	LO PR	64	68	74	79	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98
75	Delta T	21	19	16	11	21	19	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	AMPS	9.4	9.6	9.9	10.2	10.0	10.2	10.5	10.9	10.8	11.0	11.3	11.7	11.4	11.7	12.0	12.4	12.0	12.3	12.7	13.1	12.7	13.0	13.3	13.8
	HI PR	146	157	166	173	163	176	186	194	186	200	211	220	212	228	241	251	238	256	271	282	263	283	299	312
	LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	90	96
80	Delta T	22	21	18	15	22	21	19	15	22	22	19	15	23	22	19	15	22	21	19	15	20	20	17	14
	AMPS	9.7	9.9	10.1	10.5	10.3	10.5	10.8	11.2	11.1	11.3	11.7	12.0	11.8	12.0	12.4	12.8	12.4	12.7	13.1	13.5	13.1	13.4	13.8	14.2
	HI PR	151	163	172	179	170	183	193	201	193	208	219	229	220	236	250	260	247	266	281	293	273	294	310	324
	LO PR	65	69	75	80	68	73	79	84	71	76	82	88	75	79	87	92	78	83	91	97	81	86	94	100
	Delta T	23	22	19	15	23	22	19	16	23	22	19	16	23	23	20	16	23	22	19	15	22	21	18	14
	AMPS	9.6	9.8	10.1	10.4	10.3	10.5	10.8	11.1	11.0	11.3	11.6	12.0	11.7	11.9	12.3	12.7	12.3	12.6	13.0	13.4	13.0	13.3	13.7	14.1
	HI PR	150	162	171	178	168	181	191	200	192	206	218	227	218	235	248	259	246	264	279	291	271	292	308	322
	LO PR	64	68	75	79	68	72	79	84	70	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99
80	Delta T	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	21	18	15
	AMPS	9.5	9.7	9.9	10.2	10.1	10.3	10.6	11.0	10.9	11.1	11.4	11.8	11.5	11.7	12.1	12.5	12.1	12.4	12.8	13.2	12.8	13.1	13.5	13.9
	HI PR	147	158	167	174	165	178	188	196	188	202	213	223	214	230	243	253	241	259	273	285	266	286	302	315
	LO PR	63	67	73	78	66	71	77	82	69	73	80	85	73	77	84	90	76	81	88	94	79	84	91	97

*Entering Dry Bulb Temperature.

NOTE: Darker shaded area with white lettering is ARI rating conditions, (95° ambient, 80° IDB + 67° IWB).

Lighter shaded area with black lettering is ACCA rating conditions, (95° ambient, 75° IDB + 63° IWB).

All Pressures are PSIG. All temperatures are in °F.

Low and high pressure are measured at gauge port.

Amps are total unit amps at a rated voltage of 230 VAC.

		PHD36CC2E																													
		Outdoor Ambient Temperature (°F)																													
		65						75						85						95						105					
IDB*	Airflow	Entering Indoor Wet Bulb Temperature (°F)																													
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71						
70	Delta T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	14	11	-	16	14	10	-						
	AMPS	11.3	11.6	11.9	-	12.1	12.4	12.7	-	13.0	13.3	13.7	-	13.8	14.1	14.5	-	14.6	14.9	15.3	-	15.3	15.7	16.1	-						
	HI PR	157	169	179	-	176	190	200	-	200	216	228	-	228	246	259	-	257	276	292	-	284	305	323	-						
	LO PR	62	66	72	-	66	70	76	-	68	73	79	-	72	76	83	-	75	80	87	-	78	83	90	-						
70	Delta T	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-						
	AMPS	11.3	11.5	11.9	-	12.1	12.3	12.7	-	13.0	13.3	13.6	-	13.8	14.0	14.5	-	14.5	14.8	15.3	-	15.3	15.6	16.1	-						
	HI PR	157	169	178	-	176	189	200	-	200	215	227	-	228	245	259	-	256	276	291	-	283	305	322	-						
	LO PR	62	66	72	-	65	70	76	-	68	72	79	-	71	76	83	-	75	80	87	-	77	82	90	-						
70	Delta T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-						
	AMPS	11.2	11.4	11.7	-	11.9	12.2	12.5	-	12.8	13.1	13.5	-	13.6	13.9	14.3	-	14.3	14.6	15.1	-	15.1	15.4	15.9	-						
	HI PR	154	166	175	-	173	186	196	-	196	211	223	-	224	241	254	-	252	271	286	-	278	299	316	-						
	LO PR	61	65	71	-	64	68	75	-	67	71	78	-	70	75	81	-	74	78	85	-	76	81	88	-						
75	Delta T	19	18	15	10	19	18	15	10	19	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9						
	AMPS	11.4	11.7	12.0	12.4	12.2	12.5	12.8	13.2	13.1	13.4	13.8	14.2	13.9	14.2	14.6	15.1	14.7	15.0	15.4	16.0	15.5	15.8	16.3	16.8						
	HI PR	159	171	180	188	178	192	202	211	203	218	230	240	231	248	262	273	260	279	295	308	287	309	326	340						
	LO PR	63	67	73	78	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97						
75	Delta T	20	19	15	11	21	19	15	11	21	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10						
	AMPS	11.4	11.6	12.0	12.3	12.2	12.4	12.8	13.2	13.1	13.4	13.7	14.2	13.9	14.2	14.6	15.1	14.6	15.0	15.4	15.9	15.4	15.8	16.2	16.8						
	HI PR	158	170	180	188	178	191	202	210	202	217	229	239	230	248	261	273	259	278	294	307	286	308	325	339						
	LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	93	78	83	91	97						
75	Delta T	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	20	16	11	20	18	15	10						
	AMPS	11.3	11.5	11.8	12.2	12.0	12.3	12.6	13.0	12.9	13.2	13.6	14.0	13.7	14.0	14.4	14.9	14.4	14.8	15.2	15.7	15.2	15.5	16.0	16.5						
	HI PR	156	167	177	184	175	188	198	207	199	214	226	235	226	243	257	268	254	274	289	301	281	302	319	333						
	LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95						
80	Delta T	21	21	18	14	22	21	18	14	22	21	18	14	22	21	18	15	22	21	18	14	20	19	17	13						
	AMPS	11.5	11.7	12.1	12.5	12.3	12.6	12.9	13.3	13.2	13.5	13.9	14.4	14.0	14.3	14.7	15.2	14.8	15.1	15.6	16.1	15.6	15.9	16.4	17.0						
	HI PR	160	173	182	190	180	194	204	213	205	220	232	242	233	251	265	276	262	282	298	311	290	312	329	343						
	LO PR	63	67	74	78	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98						
80	Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14						
	AMPS	11.5	11.7	12.0	12.4	12.3	12.5	12.9	13.3	13.2	13.5	13.9	14.3	14.0	14.3	14.7	15.2	14.8	15.1	15.5	16.1	15.5	15.9	16.4	16.9						
	HI PR	160	172	182	189	179	193	204	213	204	220	232	242	232	250	264	275	261	281	297	310	289	311	328	342						
	LO PR	63	67	73	78	67	71	77	83	69	74	81	86	73	77	85	90	76	81	89	94	79	84	92	98						
80	Delta T	23	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15						
	AMPS	11.3	11.6	11.9	12.3	12.1	12.4	12.7	13.1	13.0	13.3	13.7	14.1	13.8	14.1	14.5	15.0	14.6	14.9	15.3	15.8	15.3	15.7	16.1	16.7						
	HI PR	157	169	179	186	176	190	200	209	201	216	228	238	228	246	260	271	257	276	292	305	284	305	323	336						
	LO PR	62	66	72	77	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96						

*Entering Dry Bulb Temperature.

NOTE: Darker shaded area with white lettering is ARI rating conditions, (95° ambient, 80° IDB + 67° IWB).

Lighter shaded area with black lettering is ACCA rating conditions, (95° ambient, 75° IDB + 63° IWB).

All Pressures are PSIG. All temperatures are in °F.

Low and high pressure are measured at gauge port.

Amps are total unit amps at a rated voltage of 230 VAC.

NOTES:

1. All units are manufactured for use on 208/230 VAC, 60 Hz, single phase electrical supply.
2. **IMPORTANT:** While the data is presented as a guide, it is required to determine the proper size fuses and wires to electrically connect the unit in accordance with the National Electrical Code and/or all existing local codes.
3. Performance figures are based on Department of Energy information and requirements under continuous operating conditions. Performance will vary with weather conditions and use.

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