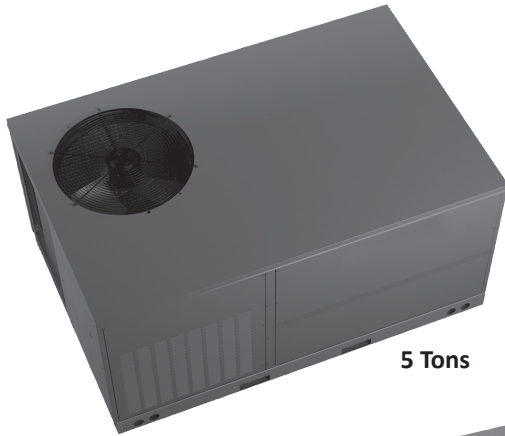
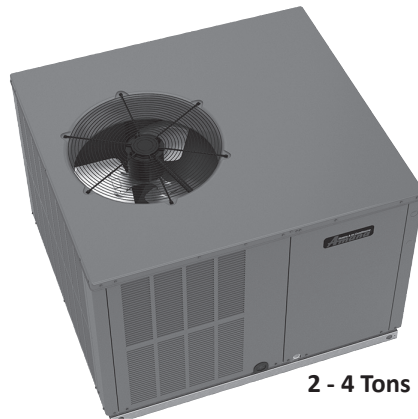


COOLING CAPACITY: 24,000 - 58,000 BTU/H  
 HEATING CAPACITY: 22,800 - 55,000 BTU/H

HIGH-EFFICIENCY  
 PACKAGED HEAT PUMP  
 2 TO 5 TONS  
 UP TO 16 SEER / 8.2 HSPF



5 Tons



2 - 4 Tons



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### Standard Features

- High-efficiency two-stage scroll compressor with internal relief valve
- Variable-speed ECM indoor blower motor
- Liquid-line filter drier
- Convertible airflow: horizontal or downflow
- Copper tube / aluminum fin condenser coils
- Compressor sound blanket
- All-aluminum evaporator coil on 2- to 4-ton units
- Aluminum-copper evaporator coil on 5-ton units
- Totally enclosed, permanently lubricated condenser fan motor
- Electric heat kit available as a field-installed option

### Cabinet Features

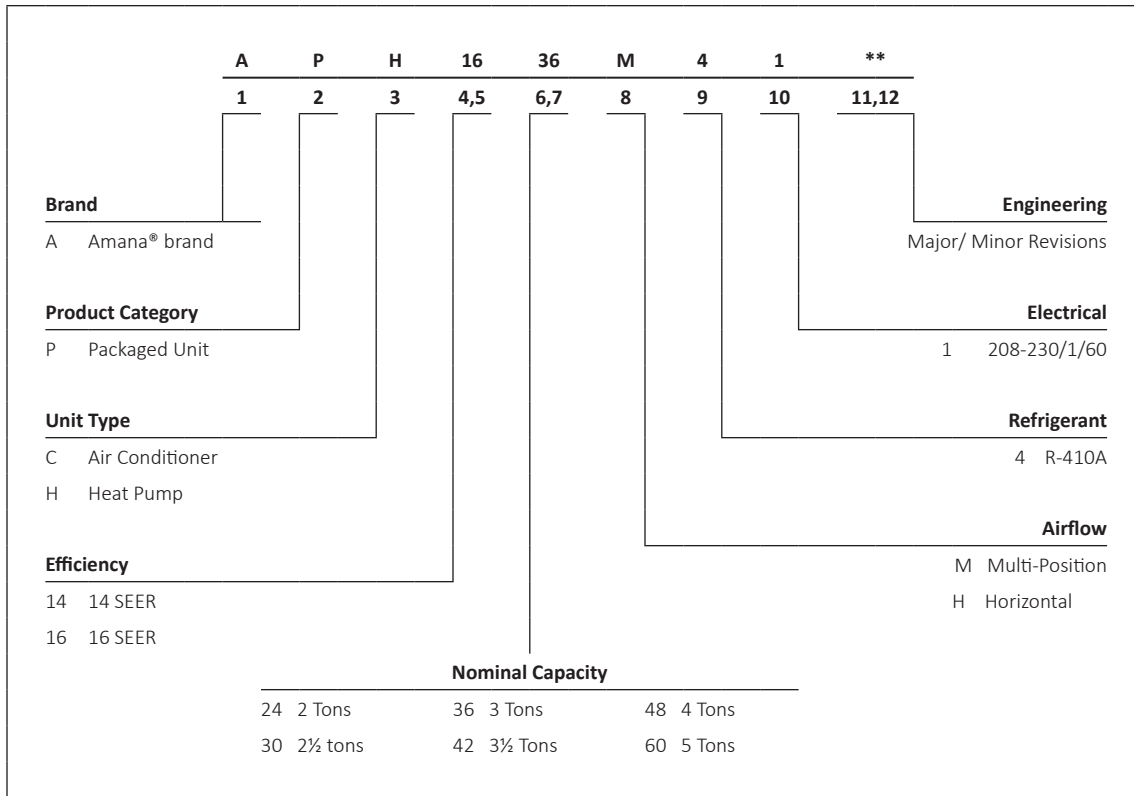
- Heavy-gauge galvanized-steel cabinet with attractive two-tone Architectural Gray powder-paint finish
- Aluminum foil-facing internal insulation reinforced with fiberglass scrim
- Fully insulated air-handling compartment with convenient access panels
- Louvered condenser coil protection







COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL  
 ■ ISO 9001 ■

COMPANY WITH ENVIRONMENTAL SYSTEM CERTIFIED BY DNV GL  
 ■ ISO 14001 ■

\* Complete warranty details available from your local dealer or at [www.amana-hac.com](http://www.amana-hac.com). To receive the Lifetime Compressor Limited Warranty (good for as long as you own your home), 2-Year Unit Replacement Limited Warranty and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.



	APH16 24M41A*	APH1624M41 A*+OTHPPKG	APH16 30M41A*	APH1630M41 A*+OTHPPKG	APH16 36M41A*	APH16 42M41A*	APH16 48M41**	APH16 60M41A*	APH16 60M41B*
<b>COOLING CAPACITY</b>									
Total BTU/h	24,000	24,000	29,000	29,000	33,600	41,000	47,000	58,000	58,000
Sensible BTU/h	18,200	18,200	22,000	22,000	25,200	30,000	35,800	44,500	44,000
SEER / EER	16.0/ 12.5	16.0/ 12.5	15.5/ 12.0	15.5/ 12.0	16.0/ 12.0	16.0/ 12.0	16.0/ 12.0	16.0/ 12.0	16.0/ 12.0
Decibels	76	76	76	76	76	78	78	78	78
AHRI #s	8143320	10061987	8143321	10061988	8143322	8143323	8143324	9134481	205726744
<b>HEATING CAPACITY</b>									
BUT/h (47°F)	22,800	22,800	28,400	28,400	33,600	38,000	45,500	55,000	58,000
C.O.P (47°F)	3.6	3.6	3.5	3.5	3.6	3.6	3.7	3.7	3.7
BUT/h (17°F)	12,500	12,500	16,600	16,200	19,400	21,600	27,000	30,000	33,000
C.O.P (17°F)	2.3	2.3	2.4	2.4	2.4	2.3	2.4	2.4	2.4
HSPF	8.0	8.2	8.0	8.2	8.0	8.2	8.2	8.2	8.2
<b>EVAPORATOR MOTOR</b>									
Type	ECM	ECM	ECM	ECM	ECM	ECM	ECM	ECM	ECM
Wheel (D x W)	10 x 9	10 x 9	10 x 9	10 x 9	10 x 9	10 x 9	10 x 9	11 x 10	11 x 10
Nominal Cooling CFM	850	850	1,050	1,050	1,200	1,300	1,600	1,850	1,800
FLA	4.3	4.3	4.3	4.3	4.3	5.8	5.8	7	6.9
No. of Speeds	Variable	Variable	Variable	Variable	Variable	Variable	Variable	Variable	2
Horsepower- RPM	½-1,050	½-1,050	½-1,050	½-1,050	½-1,050	¾- 1,050	¾- 1,050	1- 1,050	1- 1,050
<b>EVAPORATOR COIL</b>									
Face Area (ft²)	4.5	4.5	4.5	4.5	4.5	6.2	6.2	8.9	8.9
Rows Deep/ Fin per Inch	4/ 14	4/ 14	4/ 14	4/ 14	4/ 14	4/ 14	4/ 14	4/ 16	4/ 16
Expansion Device	TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"
R-410A Refrigerant Charge (oz.)	137	137	137	137	137	170	170	240	225
<b>CONDENSER FAN / COIL</b>									
Horsepower- RPM	¾- 850	¾- 850	¾- 850	¾- 850	¾- 850	¾- 1,075	¾- 1,075	1/3- 1,090	1/3- 1,150
FLA/LRA	1.5/ 3.0	1.5/ 3.0	1.5/ 3.0	1.5/ 3.0	1.3/ 3.0	1.4/ 2.9	1.4/ 2.9	2 / 4.4	3.5/ 4.4
Fan Diameter / # Fan Blades	22 / 3	22 / 3	22 / 3	22 / 3	22 / 3	22 / 3	22 / 3	22 / 4	22 / 3
Expansion Device	TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV
Face Area (ft²)	15.5	15.5	15.5	15.5	15.5	19.4	19.4	19	16
Rows Deep/ Fin per Inch	2 / 16	2 / 16	2 / 16	2 / 16	2 / 16	2 / 16	2 / 16	2 / 20	2 / 20
<b>COMPRESSOR</b>									
Quantity	1	1	1	1	1	1	1	1	1
Type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Stage	Two	Two	Two	Two	Two	Two	Two	Two	Two
<b>ELECTRICAL DATA</b>									
Voltage/ Phase (60 Hz)	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1
Compressor RLA/ LRA	11.7 / 58.3	11.7 / 58.3	13.1 / 73	13.1 / 73	15.6 / 83	17.9 / 96	21.2 / 104	26.9 / 152.9	26.9 / 139.9
Indoor Blower FLA	4.3	4.3	4.3	4.3	4.3	5.8	5.8	7	7
Total Unit Amps	17.5	17.5	18.9	18.9	21.2	25.1	28.4	35.9	35.9
Min. Circuit Ampacity <sup>1</sup>	20.4	20.4	22.2	22.2	25.1	29.6	33.7	42.6	44
Max. Overcurrent Protection <sup>2</sup>	30	30	35	35	40	45	50	60	70
<b>SHIPPING WEIGHT (LBS)</b>	376	376	385	385	438	492	490	612	688
<b>ENERGY STAR® CERTIFIED</b>	NO	NO	NO	NO				NO	

<sup>1</sup> Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

<sup>2</sup> May use fuses or HACR-type circuit breakers of the same size as noted.

**Note:** Always check the S&R plate for electrical data on the unit being installed.

“OTHPPKG” stands for Outdoor Thermostat Heat-Pump Package

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°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	MBh	23.2	24.0	26.3	-	22.6	23.5	25.7	-	22.1	22.9	25.1	-	21.6	22.3	24.5	-	20.5	21.2	23.3	-	19.0	19.7	21.5	-
	S/T	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-
	kW	1.47	1.50	1.55	-	1.59	1.62	1.67	-	1.69	1.72	1.78	-	1.77	1.81	1.87	-	1.85	1.89	1.95	-	1.91	1.96	2.02	-
	Amps	6.6	6.7	6.9	-	7.0	7.2	7.3	-	7.5	7.7	7.9	-	8.0	8.1	8.3	-	8.4	8.6	8.8	-	8.8	9.0	9.3	-
	Hi PR	216	233	246	-	243	261	276	-	276	297	314	-	314	338	357	-	354	380	402	-	391	420	444	-
	Lo PR	111	118	129	-	117	125	136	-	122	130	142	-	128	136	149	-	134	143	156	-	139	148	161	-
	MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
kW	1.47	1.50	1.54	-	1.58	1.61	1.66	-	1.68	1.71	1.77	-	1.76	1.80	1.86	-	1.84	1.88	1.94	-	1.90	1.94	2.01	-	
Amps	6.5	6.7	6.9	-	7.0	7.1	7.3	-	7.5	7.6	7.8	-	7.9	8.1	8.3	-	8.3	8.5	8.8	-	8.8	9.0	9.2	-	
Hi PR	215	231	244	-	241	259	274	-	274	295	311	-	312	336	355	-	351	378	399	-	388	417	441	-	
Lo PR	110	117	128	-	116	124	135	-	121	129	141	-	127	135	148	-	133	142	155	-	138	147	160	-	
MBh	21.7	22.5	24.6	-	21.2	22.0	24.1	-	20.7	21.4	23.5	-	20.2	20.9	22.9	-	19.2	19.9	21.8	-	17.8	18.4	20.2	-	
S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	
ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	
kW	1.44	1.47	1.52	-	1.55	1.59	1.64	-	1.65	1.68	1.74	-	1.73	1.77	1.83	-	1.81	1.85	1.91	-	1.87	1.91	1.97	-	
Amps	6.4	6.6	6.7	-	6.9	7.0	7.2	-	7.4	7.5	7.7	-	7.8	7.9	8.2	-	8.2	8.4	8.6	-	8.6	8.8	9.1	-	
Hi PR	210	226	239	-	236	254	268	-	269	289	305	-	306	329	348	-	344	370	391	-	380	409	432	-	
Lo PR	108	115	125	-	114	121	133	-	119	126	138	-	125	133	145	-	131	139	152	-	135	144	157	-	

75	MBh	23.6	24.3	26.3	28.2	23.0	23.7	25.7	27.5	22.5	23.1	25.0	26.9	21.9	<b>22.2</b>	24.1	25.8	20.5	21.1	22.9	24.5	19.3	19.9	21.5	23.1
	S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	<b>0.85</b>	0.64	0.41	0.98	0.88	0.67	0.43	0.99	0.89	0.67	0.43
	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	<b>19</b>	15	10	20	18	15	10	19	17	14	10
	kW	1.49	1.52	1.56	1.61	1.60	1.63	1.69	1.74	1.70	1.74	1.79	1.85	1.79	<b>1.83</b>	1.89	1.95	1.86	1.91	1.97	2.04	1.93	1.97	2.04	2.11
	Amps	6.6	6.8	6.9	7.2	7.1	7.2	7.4	7.6	7.6	7.7	7.9	8.2	8.0	<b>8.2</b>	8.4	8.7	8.5	8.6	8.9	9.2	8.9	9.1	9.3	9.7
	Hi PR	218	235	248	259	245	264	279	290	279	300	317	330	317	<b>342</b>	361	376	357	384	406	423	395	425	448	468
	Lo PR	112	119	130	139	118	126	138	146	123	131	143	152	129	<b>138</b>	150	160	136	144	157	168	140	149	163	173
	MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	<b>22.2</b>	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.59	0.38	0.91	<b>0.81</b>	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	<b>20</b>	16	11	21	19	16	11	20	18	15	10
kW	1.48	1.51	1.56	1.61	1.59	1.62	1.68	1.73	1.69	1.73	1.78	1.84	1.78	<b>1.82</b>	1.88	1.94	1.85	1.89	1.96	2.02	1.92	1.96	2.03	2.09	
Amps	6.6	6.7	6.9	7.1	7.0	7.2	7.4	7.6	7.5	7.7	7.9	8.2	8.0	<b>8.1</b>	8.4	8.6	8.4	8.6	8.8	9.1	8.8	9.0	9.3	9.6	
Hi PR	217	233	246	257	243	262	277	288	277	298	315	328	315	<b>339</b>	358	374	355	382	403	420	392	422	445	464	
Lo PR	111	118	129	138	118	125	137	145	122	130	142	151	128	<b>137</b>	149	159	135	143	156	166	139	148	162	172	
MBh	22.1	22.7	24.6	26.4	21.5	22.2	24.0	25.8	21.0	21.7	23.4	25.2	20.5	<b>21.1</b>	22.9	24.5	19.5	20.1	21.7	23.3	18.1	18.6	20.1	21.6	
S/T	0.79	0.71	0.54	0.34	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	<b>0.78</b>	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40	
ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	<b>20</b>	16	11	22	20	16	11	20	19	15	10	
kW	1.45	1.48	1.53	1.58	1.56	1.60	1.65	1.70	1.66	1.70	1.75	1.81	1.75	<b>1.79</b>	1.85	1.91	1.82	1.86	1.92	1.99	1.89	1.93	1.99	2.06	
Amps	6.5	6.6	6.8	7.0	6.9	7.1	7.3	7.5	7.4	7.6	7.8	8.0	7.8	<b>8.0</b>	8.2	8.5	8.3	8.4	8.7	9.0	8.7	8.9	9.1	9.4	
Hi PR	213	229	242	252	239	257	271	283	271	292	308	322	309	<b>332</b>	351	366	348	374	395	412	384	413	436	455	
Lo PR	109	116	127	135	115	123	134	143	120	127	139	148	126	<b>134</b>	146	156	132	140	153	163	136	145	158	169	

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction access fittings.  
 Design Subcooling 8 ± 2 °F @ the liquid access fitting connection AHR1 95 test conditions. Design Superheat 15 ± 2 °F @ the compressor suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)



EXPANDED COOLING DATA — APH1630M41\*\*

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												105°F												115°F											
		65°F				75°F				85°F				95°F				105°F				115°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												
<b>70</b>	<b>1175</b>	MBh	28.0	29.0	31.8	-	27.4	28.4	31.1	-	26.7	27.7	30.3	-	26.0	27.0	29.6	-	24.7	25.7	28.1	-	22.9	23.8	26.0	-											
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-											
		ΔT	16	14	11	-	17	14	11	-	17	14	11	-	17	15	11	-	17	14	11	-	15	13	10	-											
		kW	1.89	1.94	2.00	-	2.04	2.09	2.16	-	2.17	2.22	2.30	-	2.29	2.34	2.42	-	2.39	2.44	2.52	-	2.47	2.53	2.61	-											
	Amps	8.3	8.5	8.7	-	8.9	9.1	9.3	-	9.6	9.8	10.0	-	10.1	10.3	10.6	-	10.7	10.9	11.3	-	11.3	11.5	11.9	-												
	Hi PR	228	245	259	-	255	275	290	-	290	313	330	-	331	356	376	-	372	400	423	-	411	442	467	-												
	Lo PR	109	115	126	-	115	122	133	-	119	127	138	-	125	133	145	-	131	140	152	-	136	144	158	-												
	MBh	27.6	28.6	31.3	-	26.9	27.9	30.6	-	26.3	27.3	29.9	-	25.7	26.6	29.1	-	24.4	25.3	27.7	-	22.6	23.4	25.6	-												
	S/T	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.83	0.69	0.48	-												
	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-												
	kW	1.88	1.92	1.99	-	2.03	2.08	2.14	-	2.16	2.21	2.28	-	2.28	2.33	2.40	-	2.37	2.43	2.51	-	2.46	2.51	2.60	-												
	Amps	8.3	8.4	8.7	-	8.8	9.0	9.3	-	9.5	9.7	10.0	-	10.1	10.3	10.6	-	10.6	10.9	11.2	-	11.2	11.4	11.8	-												
Hi PR	226	243	257	-	254	273	288	-	288	310	328	-	328	353	373	-	370	398	420	-	408	439	464	-													
Lo PR	108	115	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	139	151	-	135	143	157	-													
MBh	26.2	27.2	29.8	-	25.6	26.5	29.1	-	25.0	25.9	28.4	-	24.4	25.3	27.7	-	23.2	24.0	26.3	-	21.5	22.2	24.4	-													
S/T	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-													
ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-													
kW	1.85	1.89	1.95	-	2.00	2.04	2.11	-	2.13	2.17	2.24	-	2.24	2.29	2.36	-	2.33	2.39	2.47	-	2.42	2.47	2.55	-													
Amps	8.1	8.3	8.5	-	8.7	8.9	9.1	-	9.4	9.5	9.8	-	9.9	10.1	10.4	-	10.5	10.7	11.0	-	11.0	11.3	11.6	-													
Hi PR	221	238	252	-	248	267	282	-	283	304	321	-	322	346	366	-	362	390	412	-	400	431	455	-													
Lo PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-													

<b>75</b>	<b>1175</b>	MBh	28.5	29.3	31.7	34.1	27.8	28.6	31.0	33.3	27.2	28.0	30.3	32.5	26.5	<b>27.3</b>	29.5	31.7	25.2	25.9	28.0	30.1	23.3	24.0	26.0	27.9
		S/T	0.86	0.76	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	<b>0.84</b>	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.66	0.43
		ΔT	19	18	14	10	19	18	15	10	19	18	15	10	19	<b>18</b>	15	10	19	18	14	10	18	16	14	9
		kW	1.91	1.95	2.01	2.08	2.06	2.11	2.17	2.25	2.19	2.24	2.32	2.39	2.31	<b>2.36</b>	2.44	2.52	2.41	2.46	2.55	2.63	2.49	2.55	2.64	2.73
	Amps	8.4	8.6	8.8	9.1	9.0	9.1	9.4	9.7	9.6	9.8	10.1	10.5	10.2	<b>10.4</b>	10.7	11.1	10.8	11.0	11.4	11.7	11.4	11.6	12.0	12.4	
	Hi PR	230	247	261	272	258	278	293	306	293	316	333	348	334	<b>360</b>	380	396	376	405	427	446	415	447	472	492	
	Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	126	<b>135</b>	147	156	133	141	154	164	137	146	159	170	
	MBh	28.1	28.9	31.3	33.6	27.4	28.2	30.5	32.8	26.8	27.5	29.8	32.0	26.1	<b>26.9</b>	29.1	31.2	24.8	25.5	27.6	29.7	23.0	23.6	25.6	27.5	
	S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	<b>0.80</b>	0.61	0.39	0.93	0.83	0.63	0.41	0.94	0.84	0.64	0.41	
	ΔT	20	19	15	10	20	19	15	11	20	19	15	11	21	<b>19</b>	15	11	20	19	15	11	19	17	14	10	
	kW	1.90	1.94	2.00	2.07	2.05	2.09	2.16	2.23	2.18	2.23	2.30	2.38	2.30	<b>2.35</b>	2.43	2.51	2.39	2.45	2.53	2.62	2.48	2.54	2.62	2.71	
	Amps	8.3	8.5	8.7	9.0	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.4	10.2	<b>10.4</b>	10.7	11.0	10.7	11.0	11.3	11.7	11.3	11.5	11.9	12.3	
Hi PR	228	246	259	271	256	276	291	304	291	314	331	345	332	<b>357</b>	377	393	373	402	424	442	412	444	469	489		
Lo PR	109	116	126	135	115	122	134	142	120	127	139	148	126	<b>134</b>	146	155	132	140	153	163	136	145	158	168		
MBh	26.7	27.4	29.7	31.9	26.0	26.8	29.0	31.1	25.4	26.2	28.3	30.4	24.8	<b>25.5</b>	27.6	29.7	23.6	24.3	26.3	28.2	21.8	22.5	24.3	26.1		
S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	<b>0.77</b>	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39		
ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	<b>20</b>	16	11	21	19	16	11	20	18	15	10		
kW	1.87	1.91	1.97	2.03	2.01	2.06	2.13	2.20	2.14	2.19	2.26	2.34	2.26	<b>2.31</b>	2.38	2.46	2.35	2.41	2.49	2.57	2.44	2.49	2.58	2.66		
Amps	8.2	8.4	8.6	8.9	8.8	9.0	9.2	9.5	9.4	9.6	9.9	10.2	10.0	<b>10.2</b>	10.5	10.9	10.6	10.8	11.1	11.5	11.1	11.3	11.7	12.1		
Hi PR	224	241	254	265	251	270	285	298	286	307	324	338	325	<b>350</b>	370	385	366	394	416	434	404	435	459	479		
Lo PR	107	114	124	132	113	120	131	139	117	125	136	145	123	<b>131</b>	143	152	129	137	150	160	133	142	155	165		

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction access fittings.  
 Design Subcooling, 10 ± 2 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat, 15 ± 2 °F @ the compressor suction access fitting connection.  
 Shaded area reflects ACCA (TVA) conditions.  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)



IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE													
		65°F				75°F				85°F				95°F				105°F				115°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	1350	MBh	34.3	35.5	38.9	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.9	33.1	36.2	-	30.3	31.4	34.4	-	28.1	29.1	31.9	-	
		S/T	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.66	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-	
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	
	1200	kW	2.26	2.31	2.38	-	2.44	2.49	2.57	-	2.60	2.65	2.74	-	2.73	2.80	2.89	-	2.85	2.92	3.02	-	2.95	3.02	3.12	-	
		Amps	10.1	10.3	10.6	-	10.8	11.0	11.3	-	11.6	11.8	12.2	-	12.3	12.5	12.9	-	13.0	13.2	13.6	-	13.6	13.9	14.4	-	
		Hi PR	240	258	273	-	269	290	306	-	306	329	348	-	349	375	396	-	392	422	446	-	433	466	493	-	
	1060	Lo PR	112	119	130	-	118	125	137	-	123	130	142	-	129	137	150	-	135	144	157	-	140	148	162	-	
		MBh	33.3	34.5	37.8	-	32.5	33.7	36.9	-	31.7	32.9	36.1	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-	
		S/T	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	
	75	1350	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
			kW	2.21	2.25	2.33	-	2.38	2.43	2.51	-	2.53	2.59	2.67	-	2.67	2.73	2.82	-	2.78	2.84	2.94	-	2.88	2.94	3.04	-
			Amps	9.9	10.1	10.3	-	10.5	10.7	11.0	-	11.3	11.5	11.9	-	12.0	12.2	12.6	-	12.6	12.9	13.3	-	13.3	13.6	14.0	-
1200		Hi PR	233	251	265	-	261	281	297	-	297	320	338	-	338	364	384	-	381	410	433	-	421	453	478	-	
		Lo PR	108	115	126	-	114	122	133	-	119	127	138	-	125	133	145	-	131	139	152	-	135	144	157	-	
		MBh	31.6	32.8	35.9	-	30.9	32.0	35.1	-	30.2	31.3	34.3	-	29.4	30.5	33.4	-	28.0	29.0	31.7	-	25.9	26.8	29.4	-	
1060		S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.79	0.66	0.45	-	
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	
		kW	2.21	2.25	2.33	-	2.38	2.43	2.51	-	2.53	2.59	2.67	-	2.67	2.73	2.82	-	2.78	2.84	2.94	-	2.88	2.94	3.04	-	
75		1350	Amps	9.9	10.1	10.3	-	10.5	10.7	11.0	-	11.3	11.5	11.9	-	12.0	12.2	12.6	-	12.6	12.9	13.3	-	13.3	13.6	14.0	-
			Hi PR	242	261	275	287	272	293	309	322	309	333	351	367	352	379	400	418	396	426	450	470	438	471	498	519
			Lo PR	113	120	131	139	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	169	141	150	164	174
	1200	MBh	33.9	34.9	37.7	40.5	33.1	34.1	36.9	39.6	32.3	33.2	36.0	38.6	31.5	32.4	35.1	37.7	29.9	30.8	33.3	35.8	27.7	28.5	30.9	33.2	
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.38	0.89	0.80	0.60	0.39	0.92	0.83	0.63	0.40	0.93	0.83	0.63	0.41	
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	20	16	11	20	18	15	10	
	1060	kW	2.26	2.31	2.38	2.46	2.44	2.49	2.57	2.66	2.60	2.65	2.74	2.83	2.73	2.80	2.89	2.99	2.85	2.92	3.02	3.12	2.95	3.02	3.12	3.23	
		Amps	10.1	10.3	10.6	10.9	10.8	11.0	11.3	11.7	11.6	11.8	12.2	12.6	12.3	12.5	12.9	13.3	13.0	13.2	13.6	14.1	13.6	13.9	14.4	14.9	
		Hi PR	240	258	273	284	269	290	306	319	306	330	348	363	349	375	396	413	392	422	446	465	434	467	493	514	
	1060	Lo PR	112	119	130	138	118	125	137	146	123	130	142	152	129	137	150	159	135	144	157	167	140	148	162	173	
		MBh	32.2	33.1	35.9	38.5	31.4	32.4	35.0	37.6	30.7	31.6	34.2	36.7	29.9	30.8	33.3	35.8	28.4	29.3	31.7	34.0	26.3	27.1	29.3	31.5	
		S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.89	0.79	0.60	0.39	0.89	0.80	0.60	0.39	
1060	ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11		
	kW	2.22	2.27	2.35	2.42	2.40	2.45	2.53	2.62	2.55	2.61	2.70	2.79	2.69	2.75	2.84	2.94	2.80	2.87	2.96	3.07	2.90	2.97	3.07	3.18		
	Amps	9.9	10.1	10.4	10.7	10.6	10.8	11.1	11.5	11.4	11.6	12.0	12.4	12.1	12.3	12.7	13.1	12.8	13.0	13.4	13.9	13.4	13.7	14.1	14.6		
1060	Hi PR	235	253	267	279	264	284	300	313	300	323	341	356	342	368	388	405	385	414	437	456	425	457	483	504		
	Lo PR	109	116	127	135	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	159	169		
	MBh	31.6	32.8	35.9	38.5	30.9	32.0	35.1	37.6	30.2	31.3	34.3	36.7	29.4	30.5	33.4	35.8	28.0	29.0	31.7	34.0	25.9	26.8	29.4	31.5		

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction access fittings.  
 Design Subcooling 10 ±2 °F @ the liquid access fitting connection A4R1 95 test conditions. Design Superheat 13 ±2 °F @ the compressor suction access fitting connection.  
 Shaded area reflects ACCA (TVA) conditions.  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)





IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°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	1450	MBh	39.6	41.0	45.0	-	38.7	40.1	43.9	-	37.8	39.1	42.9	-	36.8	38.2	41.8	-	35.0	36.3	39.7	-	32.4	33.6	36.8	-
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	2.65	2.71	2.79	-	2.86	2.92	3.02	-	3.04	3.11	3.21	-	3.21	3.28	3.39	-	3.34	3.42	3.54	-	3.46	3.54	3.66	-
		Amps	11.5	11.7	12.1	-	12.3	12.6	12.9	-	13.3	13.5	13.9	-	14.1	14.4	14.8	-	14.9	15.2	15.7	-	15.7	16.0	16.5	-
	1300	Hi PR	233	251	265	-	262	282	298	-	298	321	338	-	339	365	386	-	382	411	434	-	422	454	479	-
		Lo PR	109	116	127	-	115	123	134	-	120	127	139	-	126	134	146	-	132	140	153	-	136	145	158	-
		MBh	39.0	40.4	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	34.5	35.7	39.1	-	31.9	33.1	36.3	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-
		ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
1150	kW	2.63	2.69	2.78	-	2.84	2.90	3.00	-	3.02	3.09	3.19	-	3.19	3.26	3.37	-	3.32	3.40	3.51	-	3.44	3.52	3.64	-	
	Amps	11.4	11.7	12.0	-	12.2	12.5	12.9	-	13.2	13.5	13.9	-	14.0	14.3	14.7	-	14.8	15.1	15.6	-	15.6	15.9	16.4	-	
	Hi PR	232	249	263	-	260	280	296	-	296	318	336	-	337	363	383	-	379	408	431	-	419	451	476	-	
	Lo PR	108	115	126	-	114	122	133	-	119	126	138	-	125	133	145	-	131	139	152	-	135	144	157	-	
	MBh	37.1	38.4	42.1	-	36.2	37.5	41.1	-	35.3	36.6	40.1	-	34.5	35.7	39.1	-	32.7	33.9	37.2	-	30.3	31.4	34.4	-	

75	1450	MBh	40.3	41.5	44.9	48.2	39.3	40.5	43.8	47.0	38.4	39.5	42.8	45.9	37.5	38.6	41.7	44.8	35.6	36.6	39.7	42.6	33.0	33.9	36.7	39.4
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		ΔT	21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		kW	2.67	2.73	2.82	2.91	2.88	2.95	3.04	3.14	3.07	3.14	3.24	3.35	3.23	3.31	3.42	3.53	3.37	3.45	3.57	3.69	3.49	3.57	3.69	3.82
		Amps	11.6	11.8	12.2	12.6	12.4	12.7	13.0	13.5	13.4	13.7	14.1	14.5	14.2	14.5	14.9	15.4	15.0	15.3	15.8	16.4	15.8	16.2	16.7	17.2
	1300	Hi PR	236	254	268	279	265	285	301	314	301	324	342	357	343	369	389	406	386	415	438	457	426	458	484	505
		Lo PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170
		MBh	39.7	40.8	44.2	47.4	38.7	39.9	43.2	46.3	37.8	38.9	42.2	45.2	36.9	38.0	41.1	44.1	35.1	36.1	39.1	41.9	32.5	33.4	36.2	38.8
		S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40
		ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
1150	kW	2.66	2.71	2.80	2.89	2.87	2.93	3.03	3.13	3.05	3.12	3.22	3.33	3.21	3.29	3.40	3.51	3.35	3.43	3.54	3.67	3.47	3.55	3.67	3.80	
	Amps	11.5	11.8	12.1	12.5	12.3	12.6	13.0	13.4	13.3	13.6	14.0	14.5	14.1	14.4	14.8	15.4	14.9	15.2	15.7	16.3	15.7	16.1	16.6	17.1	
	Hi PR	234	252	266	278	263	283	299	311	299	322	340	354	340	366	387	403	383	412	435	454	423	455	481	501	
	Lo PR	109	116	127	135	116	123	134	143	120	128	139	149	126	134	146	156	132	141	154	163	137	145	159	169	
	MBh	37.7	38.8	42.0	45.1	36.8	37.9	41.0	44.0	35.9	37.0	40.0	43.0	35.1	36.1	39.1	41.9	33.3	34.3	37.1	39.8	30.8	31.8	34.4	36.9	

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction access fittings.  
 Design Subcooling, 10 ± 2 °F @ the liquid access fitting connection AHR1 95 test conditions. Design Superheat 15 ± 2°F @ the compressor suction access fitting connection.  
 Shaded area reflects ACCA (TVA) conditions.  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)



IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°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	MBh	46.1	47.7	52.3	-	45.0	46.6	51.1	-	43.9	45.5	49.9	-	42.8	44.4	48.7	-	40.7	42.2	46.2	-	37.7	39.1	42.8	-
	S/T	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.51	-	0.88	0.74	0.51	-
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	kW	3.16	3.23	3.33	-	3.40	3.48	3.59	-	3.62	3.70	3.82	-	3.81	3.89	4.02	-	3.97	4.06	4.19	-	4.11	4.20	4.34	-
	Amps	13.7	14.0	14.4	-	14.7	15.0	15.5	-	15.9	16.2	16.7	-	16.9	17.2	17.8	-	17.9	18.3	18.8	-	18.8	19.3	19.9	-
	Hi PR	246	265	280	-	276	297	314	-	314	338	357	-	358	385	407	-	403	433	458	-	445	479	505	-
	Lo PR	112	119	130	-	118	126	138	-	123	131	143	-	129	138	150	-	136	144	157	-	140	149	163	-
	MBh	44.7	46.3	50.8	-	43.7	45.3	49.6	-	42.6	44.2	48.4	-	41.6	43.1	47.2	-	39.5	41.0	44.9	-	36.6	37.9	41.6	-
	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
	ΔT	19	16	12	-	19	16	12	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-
kW	3.13	3.20	3.30	-	3.38	3.45	3.56	-	3.59	3.67	3.79	-	3.78	3.86	3.99	-	3.94	4.02	4.16	-	4.07	4.17	4.30	-	
Amps	13.6	13.9	14.3	-	14.6	14.9	15.4	-	15.7	16.1	16.6	-	16.7	17.1	17.6	-	17.7	18.1	18.7	-	18.7	19.1	19.7	-	
Hi PR	244	262	277	-	274	294	311	-	311	335	354	-	354	381	403	-	399	429	453	-	440	474	500	-	
Lo PR	111	118	129	-	117	125	136	-	122	130	142	-	128	136	149	-	134	143	156	-	139	148	161	-	
MBh	42.5	44.0	48.2	-	41.5	43.0	47.1	-	40.5	42.0	46.0	-	39.5	41.0	44.9	-	37.5	38.9	42.6	-	34.8	36.0	39.5	-	
S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.67	0.46	-	0.80	0.67	0.47	-	
ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	
kW	3.08	3.15	3.25	-	3.32	3.39	3.50	-	3.53	3.61	3.72	-	3.71	3.80	3.92	-	3.87	3.96	4.09	-	4.01	4.09	4.23	-	
Amps	13.4	13.7	14.1	-	14.4	14.7	15.1	-	15.5	15.8	16.3	-	16.4	16.8	17.3	-	17.4	17.8	18.3	-	18.4	18.8	19.4	-	
Hi PR	239	257	271	-	268	288	305	-	305	328	346	-	347	374	395	-	391	420	444	-	432	464	490	-	
Lo PR	109	116	126	-	115	122	133	-	119	127	139	-	125	133	146	-	131	140	153	-	136	145	158	-	

75	MBh	46.8	48.2	52.2	56.0	45.7	47.1	51.0	54.7	44.7	46.0	49.8	53.4	43.6	44.9	48.6	52.1	41.4	42.6	46.1	49.5	38.3	39.5	42.7	45.9
	S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.90	0.68	0.44
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	kW	3.19	3.25	3.36	3.46	3.43	3.51	3.62	3.74	3.65	3.73	3.85	3.98	3.84	3.93	4.05	4.19	4.00	4.09	4.23	4.37	4.14	4.24	4.38	4.53
	Amps	13.8	14.1	14.5	15.0	14.8	15.2	15.6	16.1	16.0	16.4	16.9	17.4	17.0	17.4	17.9	18.5	18.0	18.4	19.0	19.7	19.0	19.4	20.0	20.8
	Hi PR	249	268	283	295	279	300	317	331	317	342	361	376	362	389	411	428	407	438	462	482	449	484	511	533
	Lo PR	113	120	132	140	120	127	139	148	124	132	144	154	131	139	152	162	137	146	159	169	142	151	164	175
	MBh	45.5	46.8	50.7	54.4	44.4	45.7	49.5	53.1	43.4	44.6	48.3	51.9	42.3	43.6	47.1	50.6	40.2	41.4	44.8	48.1	37.2	38.3	41.5	44.5
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42
	ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11
kW	3.16	3.23	3.33	3.44	3.40	3.48	3.59	3.71	3.62	3.70	3.82	3.95	3.81	3.89	4.02	4.16	3.97	4.06	4.19	4.33	4.11	4.20	4.34	4.49	
Amps	13.7	14.0	14.4	14.9	14.7	15.0	15.5	16.0	15.9	16.2	16.7	17.3	16.9	17.2	17.8	18.4	17.9	18.3	18.8	19.5	18.8	19.3	19.9	20.6	
Hi PR	246	265	280	292	276	297	314	328	314	338	357	372	358	385	407	424	403	433	458	477	445	479	506	527	
Lo PR	112	119	130	139	118	126	138	147	123	131	143	152	129	138	150	160	136	144	157	168	140	149	163	173	
MBh	43.2	44.5	48.1	51.7	42.2	43.4	47.0	50.5	41.2	42.4	45.9	49.3	40.2	41.4	44.8	48.1	38.2	39.3	42.5	45.7	35.4	36.4	39.4	42.3	
S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.91	0.82	0.62	0.40	
ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11	
kW	3.11	3.18	3.28	3.38	3.35	3.42	3.53	3.65	3.56	3.64	3.75	3.88	3.74	3.83	3.95	4.09	3.90	3.99	4.12	4.26	4.04	4.13	4.27	4.41	
Amps	13.5	13.8	14.2	14.7	14.5	14.8	15.2	15.7	15.6	15.9	16.4	17.0	16.6	17.0	17.5	18.1	17.6	18.0	18.5	19.2	18.5	18.9	19.5	20.2	
Hi PR	241	260	274	286	271	291	308	321	308	331	350	365	351	377	399	416	395	425	448	468	436	469	495	517	
Lo PR	110	117	128	136	116	124	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	160	170	

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction access fittings.  
 Design Subcooling, 13 ±2 °F @ the liquid access fitting connection AHR1 95 test conditions. Design Superheat 15 ±2°F @ the compressor suction access fitting connection.  
 Shaded area reflects ACCA (TVA) conditions.  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)



IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°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	
<b>70</b>	<b>2201</b>	MBh	57.5	59.6	65.3	-	56.2	58.2	63.8	-	54.8	56.8	62.3	-	53.5	55.5	60.8	-	50.8	52.7	57.7	-	47.1	48.8	53.5	-
		S/T	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.88	0.73	0.51	-	0.88	0.74	0.51	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		KW	3.82	3.89	4.01	-	4.10	4.19	4.32	-	4.35	4.44	4.58	-	4.57	4.67	4.82	-	4.76	4.86	5.02	-	4.92	5.03	5.19	-
		Amps	16.3	16.7	17.2	-	17.5	17.9	18.4	-	18.8	19.2	19.8	-	20.0	20.4	21.0	-	21.1	21.6	22.2	-	22.3	22.8	23.5	-
	Hi PR	225	242	256	-	252	272	287	-	287	309	326	-	327	352	372	-	368	396	418	-	407	438	462	-	
	Lo PR	111	118	129	-	118	125	137	-	122	130	142	-	128	137	149	-	135	143	156	-	139	148	162	-	
	Hi PR	55.8	57.9	63.4	-	54.5	56.5	61.9	-	53.2	55.2	60.5	-	51.9	53.8	59.0	-	49.3	51.1	56.0	-	45.7	47.4	51.9	-	
	S/T	0.73	0.61	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-	
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	
KW	3.79	3.86	3.98	-	4.07	4.15	4.28	-	4.32	4.41	4.55	-	4.54	4.63	4.78	-	4.72	4.82	4.98	-	4.88	4.99	5.15	-		
Amps	16.2	16.5	17.0	-	17.3	17.7	18.2	-	18.7	19.1	19.6	-	19.8	20.2	20.8	-	21.0	21.4	22.1	-	22.1	22.6	23.3	-		
Hi PR	223	240	253	-	250	269	284	-	284	306	323	-	324	348	368	-	364	392	414	-	403	433	457	-		
Lo PR	110	117	128	-	116	124	135	-	121	129	141	-	127	135	148	-	133	142	155	-	138	147	160	-		
<b>75</b>	<b>2201</b>	MBh	58.5	60.2	65.2	70.0	57.1	58.8	63.7	68.3	55.8	57.4	62.1	66.7	54.4	56.0	60.6	65.1	51.7	53.2	57.6	61.8	47.9	49.3	53.4	57.3
		S/T	0.88	0.78	0.59	0.38	0.91	0.81	0.61	0.40	0.93	0.83	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.89	0.67	0.43	1.00	0.90	0.68	0.44
		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10
		KW	3.85	3.93	4.05	4.17	4.13	4.22	4.35	4.49	4.39	4.48	4.62	4.77	4.61	4.71	4.86	5.02	4.80	4.90	5.06	5.23	4.96	5.07	5.24	5.41
		Amps	16.5	16.8	17.3	17.9	17.6	18.0	18.5	19.1	19.0	19.4	20.0	20.6	20.1	20.6	21.2	21.9	21.3	21.8	22.4	23.2	22.5	23.0	23.7	24.5
	Hi PR	227	245	258	269	255	274	290	302	290	312	330	344	330	356	375	392	372	400	422	441	411	442	467	487	
	Lo PR	111	120	131	139	119	126	138	147	123	131	143	153	130	138	151	160	136	145	158	168	141	150	163	174	
	Hi PR	56.8	58.5	63.3	67.9	55.5	57.1	61.8	66.3	54.1	55.7	60.3	64.8	52.8	<b>54.4</b>	58.9	63.2	50.2	51.7	55.9	60.0	46.5	47.9	51.8	55.6	
	S/T	0.84	0.75	0.57	0.36	0.87	0.77	0.59	0.38	0.89	0.79	0.60	0.39	0.92	<b>0.82</b>	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42	
	ΔT	22	20	17	12	23	21	17	12	23	21	17	12	23	<b>21</b>	17	12	22	21	17	12	21	19	16	11	
KW	3.82	3.90	4.01	4.14	4.10	4.19	4.32	4.45	4.35	4.44	4.58	4.73	4.57	<b>4.67</b>	4.82	4.98	4.76	4.86	5.02	5.19	4.92	5.03	5.19	5.37		
Amps	16.3	16.7	17.2	17.7	17.5	17.9	18.4	19.0	18.8	19.2	19.8	20.5	20.0	<b>20.4</b>	21.0	21.7	21.1	21.6	22.3	23.0	22.3	22.8	23.5	24.3		
Hi PR	225	242	256	267	253	272	287	299	287	309	326	340	327	<b>352</b>	372	388	368	396	418	436	407	438	462	482		
Lo PR	111	118	129	138	118	125	137	145	122	130	142	151	128	<b>137</b>	149	159	135	143	156	166	139	148	162	172		
Hi PR	53.9	55.5	60.1	64.5	52.7	54.2	58.7	63.0	51.4	53.0	57.3	61.5	50.2	51.7	55.9	60.0	47.7	49.1	53.1	57.0	44.2	45.5	49.2	52.8		
S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40		
ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11		
KW	3.76	3.84	3.95	4.07	4.04	4.12	4.25	4.38	4.28	4.37	4.51	4.66	4.50	4.60	4.74	4.90	4.68	4.78	4.94	5.10	4.84	4.95	5.11	5.28		
Amps	16.1	16.4	16.9	17.4	17.2	17.6	18.1	18.7	18.5	18.9	19.5	20.1	19.6	20.1	20.7	21.4	20.8	21.2	21.9	22.6	21.9	22.4	23.1	23.9		
Hi PR	221	237	251	261	247	266	281	293	281	303	320	334	321	345	364	380	361	388	410	427	398	429	453	472		
Lo PR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169		

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction access fittings.  
 Design Subcooling: 5-7 °F @ the liquid access fitting connection AHR1 95 test conditions. Design Superheat: 15-18°F @ the compressor suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions.  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)



EXPANDED HEATING DATA

APH1624M41\*\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	28.7	27.1	25.5	23.9	22.8	22.1	20.5	18.9	15.6	14.4	13.2	12.5	12.0	10.8	9.6	8.4	7.1	5.8
T/R	31.2	29.6	27.8	26.0	24.8	24.1	22.4	20.6	17.0	15.7	14.4	13.6	13.1	11.8	10.4	9.1	7.8	6.4
kW	1.96	1.92	1.88	1.84	1.82	1.80	1.76	1.72	1.68	1.64	1.60	1.58	1.56	1.52	1.49	1.45	1.41	1.37
Amps	10.0	9.4	8.8	8.4	8.1	8.0	7.6	7.3	7.0	6.7	6.5	6.3	6.3	6.0	5.7	5.4	5.1	4.7
COP	4.28	4.14	3.98	3.80	3.67	3.59	3.41	3.21	2.71	2.57	2.42	2.32	2.25	2.07	1.89	1.69	1.48	1.25
HI PR	397	381	366	350	342	336	323	310	297	283	272	265	261	251	241	231	223	215
LO PR	142	132	123	113	107	103	95	84	76	68	60	55	53	45	39	33	29	23

APH1630M41\*\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	35.7	33.8	31.8	29.7	28.4	27.5	25.6	23.6	20.7	19.1	17.6	16.6	16.0	14.3	12.7	11.1	9.5	7.8
T/R	31.5	29.8	28.0	26.2	25.0	24.3	22.5	20.8	18.2	16.8	15.5	14.6	14.1	12.6	11.2	9.8	8.3	6.8
kW	2.56	2.51	2.45	2.40	2.37	2.35	2.30	2.25	2.25	2.20	2.15	2.12	2.09	2.04	1.99	1.94	1.88	1.83
Amps	12.9	12.0	11.3	10.7	10.4	10.2	9.7	9.2	8.9	8.5	8.2	8.0	7.9	7.6	7.2	6.8	6.4	5.9
COP	4.08	3.95	3.79	3.62	3.50	3.43	3.25	3.07	2.69	2.54	2.40	2.30	2.23	2.06	1.87	1.68	1.47	1.24
HI PR	416	399	383	366	358	351	337	324	310	296	284	278	273	262	252	242	233	225
LO PR	135	125	117	108	102	98	90	80	72	65	57	53	51	43	37	31	27	21

APH1636M41\*\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	42.1	39.9	37.5	35.1	33.5	32.5	30.2	27.8	24.2	22.4	20.6	19.4	18.7	16.8	14.9	13.0	11.1	9.1
T/R	32.5	30.8	29.0	27.1	25.8	25.0	23.3	21.5	18.7	17.2	15.9	15.0	14.4	13.0	11.5	10.0	8.5	7.0
kW	2.85	2.79	2.73	2.67	2.64	2.62	2.56	2.50	2.48	2.42	2.37	2.33	2.31	2.25	2.19	2.14	2.08	2.02
Amps	14.5	13.6	12.8	12.1	11.7	11.5	11.0	10.5	10.1	9.7	9.3	9.1	9.0	8.7	8.2	7.8	7.3	6.7
COP	4.33	4.18	4.02	3.84	3.71	3.63	3.45	3.25	2.85	2.70	2.54	2.44	2.37	2.18	1.99	1.78	1.56	1.31
HI PR	399	383	368	352	344	337	324	311	298	285	273	267	262	252	242	232	224	216
LO PR	134	124	116	107	101	97	89	79	72	64	56	52	50	43	37	31	27	21

Notes

Above information is for nominal CFM and 70-degree indoor dry bulb. Instantaneous capacity listed.  
 High pressure is measured at the liquid line access fitting. Amps: Unit amps (comp.+ evaporator motor + condenser fan motor)  
 Low pressure is measured at the compressor suction access fitting. kW = Total system power



## APH1642M41\*\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	47.8	45.2	42.6	39.8	38.0	36.8	34.2	31.5	26.8	24.7	22.8	21.5	20.7	18.6	16.5	14.4	12.3	10.0
T/R	34.0	32.2	30.3	28.3	27.1	26.2	24.4	22.5	19.1	17.6	16.2	15.3	14.7	13.2	11.7	10.2	8.7	7.2
kW	3.53	3.46	3.38	3.31	3.27	3.24	3.17	3.10	2.94	2.87	2.80	2.76	2.73	2.66	2.59	2.53	2.46	2.39
Amps	17.8	16.6	15.6	14.8	14.3	14.0	13.3	12.7	12.2	11.7	11.2	11.0	10.9	10.4	9.8	9.3	8.7	8.0
COP	3.96	3.83	3.68	3.51	3.40	3.33	3.16	2.98	2.67	2.52	2.38	2.28	2.22	2.04	1.86	1.66	1.46	1.23
HI PR	417	399	384	367	359	352	338	324	311	297	285	278	273	263	253	242	234	226
LO PR	135	125	117	108	102	98	90	80	72	65	57	53	51	43	37	31	27	21

## APH1648M41\*\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	57.2	54.1	51.0	47.6	45.5	44.1	41.0	37.8	33.6	31.1	28.6	27.0	26.0	23.3	20.7	18.0	15.4	12.6
T/R	33.1	31.3	29.5	27.6	26.3	25.5	23.7	21.9	19.5	18.0	16.5	15.6	15.0	13.5	12.0	10.4	8.9	7.3
kW	3.94	3.86	3.78	3.71	3.66	3.63	3.55	3.47	3.36	3.28	3.21	3.16	3.13	3.05	2.98	2.90	2.82	2.75
Amps	20.8	19.4	18.2	17.2	16.6	16.3	15.5	14.8	14.2	13.6	13.0	12.7	12.6	12.0	11.3	10.7	10.0	9.1
COP	4.25	4.10	3.94	3.76	3.64	3.56	3.37	3.18	2.93	2.77	2.61	2.50	2.43	2.24	2.03	1.82	1.59	1.34
HI PR	404	387	372	356	348	341	328	315	301	288	276	270	265	255	245	235	227	219
LO PR	133	124	116	106	100	97	89	79	71	64	56	52	50	42	37	31	27	21

## APH1660M41\*\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	69.7	66.0	62.1	58.0	55.4	53.7	49.9	46.0	38.2	35.3	32.5	30.7	29.5	26.5	23.5	20.5	17.5	14.3
T/R	32.9	31.1	29.3	27.4	26.2	25.4	23.5	21.7	18.0	16.6	15.3	14.5	13.9	12.5	11.1	9.7	8.3	6.8
kW	4.54	4.45	4.36	4.28	4.23	4.19	4.11	4.02	3.94	3.85	3.77	3.72	3.68	3.59	3.51	3.42	3.34	3.25
Amps	23.7	22.1	20.8	19.7	19.0	18.7	17.8	17.0	16.3	15.7	15.0	14.7	14.6	13.9	13.1	12.5	11.7	10.7
COP	4.49	4.34	4.16	3.97	3.84	3.75	3.56	3.35	2.84	2.68	2.52	2.42	2.35	2.16	1.96	1.75	1.53	1.29
HI PR	295	283	272	260	254	249	239	230	220	210	202	197	193	186	179	171	165	160
LO PR	133	124	116	106	101	97	89	79	71	64	56	52	50	43	37	31	27	21

**Notes**

Above information is for nominal CFM and 70-degree indoor dry bulb. Instantaneous capacity listed.

High pressure is measured at the liquid line access fitting.

Amps: Unit amps (comp.+ evaporator motor + condenser fan motor)

Low pressure is measured at the compressor suction access fitting.

kW = Total system power

**AUXILIARY HEATING DATA**

APH1624M41						
CONDITIONS: 850 CFM; INDOOR AIR @ 70°F DB						
OUTDOOR AMBIENT °F.	BASIC UNIT W/O AUXILIARY HEAT		UNIT CAPACITY WITH KW OF AUXILIARY HEAT			
	CAPACITY*	COP	4.8	9.6	14.4	19.2
65	28.66	4.28	45.04	61.42	---	---
60	27.13	4.14	43.51	59.90	---	---
55	25.54	3.97	41.92	58.30	---	---
50	23.87	3.79	40.25	56.64	---	---
45	22.09	3.58	38.48	54.86	---	---
40	20.52	3.40	36.90	53.28	---	---
35	18.92	3.21	35.31	51.69	---	---
30	15.58	2.72	31.96	48.34	---	---
25	14.38	2.57	30.76	47.14	---	---
20	13.24	2.42	29.62	46.00	---	---
15	12.04	2.25	28.42	44.80	---	---
10	10.80	2.07	27.18	43.56	---	---
5	9.58	1.88	25.96	42.34	---	---
0	8.35	1.68	24.73	41.11	---	---
-5	7.13	1.48	23.51	39.89	---	---
-10	5.84	1.24	22.22	38.60	---	---

\* BTH/h

APH1630M41						
CONDITIONS: 1050 CFM; INDOOR AIR @ 70°F DB						
OUTDOOR AMBIENT °F.	BASIC UNIT W/O AUXILIARY HEAT		UNIT CAPACITY WITH KW OF AUXILIARY HEAT			
	CAPACITY*	COP	4.8	9.6	14.4	19.2
65	35.70	4.09	52.08	68.46	84.85	---
60	33.80	3.95	50.18	66.56	82.94	---
55	31.81	3.80	48.19	64.57	80.96	---
50	29.73	3.63	46.12	62.50	78.88	---
45	27.52	3.43	43.90	60.28	76.67	---
40	25.56	3.26	41.94	58.32	74.71	---
35	23.57	3.07	39.95	56.34	72.72	---
30	20.68	2.68	37.07	53.45	69.83	---
25	19.09	2.53	35.47	51.85	68.24	---
20	17.58	2.39	33.96	50.34	66.73	---
15	15.99	2.23	32.37	48.75	65.13	---
10	14.34	2.05	30.72	47.11	63.49	---
5	12.72	1.87	29.10	45.48	61.86	---
0	11.09	1.67	27.47	43.85	60.24	---
-5	9.46	1.47	25.84	42.23	58.61	---
-10	7.75	1.24	24.13	40.52	56.90	---

\* BTH/h

APH1636M41						
CONDITIONS: 1200 CFM; INDOOR AIR @ 70°F DB						
OUTDOOR AMBIENT °F.	BASIC UNIT W/O AUXILIARY HEAT		UNIT CAPACITY WITH KW OF AUXILIARY HEAT			
	CAPACITY*	COP	4.8	9.6	14.4	19.2
65	42.11	4.33	58.49	74.87	91.26	---
60	39.87	4.18	56.25	72.63	89.01	---
55	37.52	4.02	53.90	70.28	86.67	---
50	35.07	3.84	51.46	67.84	84.22	---
45	32.46	3.63	48.84	65.23	81.61	---
40	30.15	3.45	46.53	62.91	79.30	---
35	27.81	3.25	44.19	60.57	76.95	---
30	24.22	2.86	40.60	56.99	73.37	---
25	22.36	2.70	38.74	55.12	71.50	---
20	20.59	2.55	36.97	53.35	69.73	---
15	18.72	2.37	35.10	51.49	67.87	---
10	16.80	2.19	33.18	49.56	65.94	---
5	14.89	1.99	31.27	47.66	64.04	---
0	12.99	1.78	29.37	45.75	62.13	---
-5	11.08	1.56	27.46	43.85	60.23	---
-10	9.08	1.32	25.46	41.84	58.23	---

\* BTH/h

APH1642M41						
CONDITIONS: 1300 CFM; INDOOR AIR @ 70°F DB						
OUTDOOR AMBIENT °F.	BASIC UNIT W/O AUXILIARY HEAT		UNIT CAPACITY WITH KW OF AUXILIARY HEAT			
	CAPACITY*	COP	4.8	9.6	14.4	19.2
65	47.77	3.99	64.15	80.53	96.91	---
60	45.22	3.85	61.60	77.98	94.37	---
55	42.56	3.69	58.94	75.32	91.71	---
50	39.79	3.52	56.17	72.55	88.93	---
45	36.82	3.32	53.20	69.59	85.97	---
40	34.20	3.15	50.58	66.96	83.35	---
35	31.54	2.96	47.92	64.30	80.69	---
30	26.91	2.70	43.30	59.68	76.06	---
25	24.84	2.55	41.22	57.60	73.99	---
20	22.87	2.39	39.26	55.64	72.02	---
15	20.80	2.22	37.18	53.57	69.95	---
10	18.66	2.04	35.04	51.43	67.81	---
5	16.55	1.85	32.93	49.31	65.69	---
0	14.43	1.65	30.81	47.19	63.58	---
-5	12.31	1.44	28.69	45.08	61.46	---
-10	10.09	1.21	26.47	42.85	59.23	---

\* BTH/h

**NOTES**

- COP: Coefficient of performance
- To obtain BTU capacity of the unit with Kw of auxiliary heat, multiply by 1000 ( example 39.01 x 1000 = 39,010 BTU'S)

APH1648M41						
CONDITIONS: 1600 CFM; INDOOR AIR @ 70°F DB						
OUTDOOR AMBIENT °F.	BASIC UNIT W/O AUXILIARY HEAT		UNIT CAPACITY WITH kW OF AUXILIARY HEAT			
	CAPACITY*	COP	4.8	9.6	14.4	19.2
65	57.19	4.25	73.58	89.96	106.34	122.72
60	54.15	4.10	70.53	86.91	103.29	119.67
55	50.96	3.94	67.34	83.72	100.11	116.49
50	47.64	3.76	64.02	80.40	96.79	113.17
45	44.09	3.56	60.47	76.85	93.24	109.62
40	40.95	3.37	57.33	73.71	90.10	106.48
35	37.77	3.18	54.15	70.53	86.91	103.29
30	33.64	2.93	50.02	66.41	82.79	99.17
25	31.05	2.77	47.43	63.81	80.20	96.58
20	28.59	2.61	44.98	61.36	77.74	94.12
15	26.00	2.43	42.38	58.77	75.15	91.53
10	23.33	2.24	39.71	56.09	72.48	88.86
5	20.68	2.03	37.06	53.45	69.83	86.21
0	18.04	1.82	34.42	50.80	67.18	83.57
-5	15.39	1.60	31.77	48.15	64.54	80.92
-10	12.61	1.34	28.99	45.37	61.76	78.14

\* BTH/h

APH1660M41					
CONDITION : 1850 CMF; INDOOR AIR @ 70 °F DB					
OUTDOOR AMBIENT °F.	BASIC UNIT W/O AUXILIARY HEAT		UNIT CAPACITY WITH kW OF AUXILIARY HEAT		
	CAPACITY*	COP	10	15	20
65	69.70	4.49	84.31	223.38	279.28
60	66	4.34	80.61	219.68	275.58
55	62.10	4.16	76.71	215.78	271.68
50	58.00	3.97	72.61	211.68	267.58
45	53.70	3.75	68.31	207.38	263.28
40	49.90	3.56	64.51	203.58	259.48
35	46	3.35	60.61	199.68	255.58
30	38.20	2.84	52.81	191.88	247.78
25	35.30	2.68	49.91	188.98	244.88
20	32.50	2.52	47.11	186.18	242.08
15	29.50	2.35	44.11	183.18	239.08
10	26.50	2.16	41.11	180.18	236.08
5	23.50	1.96	38.11	177.18	233.08
0	20.50	1.75	35.11	174.18	230.08
-5	17.50	1.53	32.11	171.18	227.08
-10	14.30	1.29	28.91	167.98	223.88

\* BTH/h

**NOTES**

- COP: Coefficient of Performance
- To obtain BTU capacity of the unit with Kw of auxiliary heat, multiply by 1000 ( example 39.01 x 1000 = 39,010 BTU'S)

HEAT KIT ELECTRICAL DATA (BLOWER ONLY, HEAT MODE)

MODEL AND HEAT KIT USAGE	CIRCUIT #1		CIRCUIT #2		ACTUAL kW / BTU @ 240V
	MCA <sup>1</sup>	MOP <sup>2</sup>	MCA <sup>1</sup>	MOP <sup>2</sup>	
<b>APH1624M41**</b>	4.3 / 4.3	---	---	---	---
HKP-05C*	24 / 27	30 / 30	---	---	4.75 / 16,200
HKR-08*, HKR-08C*	34 / 39	40 / 40	---	---	7.0 / 23,800
HKP-10C*	45 / 52	60 / 60	---	---	9.5 / 32,400
<b>APH1630M41**</b>	4.3 / 4.3	---	---	---	---
HKP-05C*	24 / 27	30 / 30	---	---	4.75 / 16,200
HKR-08*, HKR-08C*	34 / 39	40 / 40	---	---	7.0 / 23,800
HKP-10C*	45 / 52	60 / 60	---	---	9.5 / 32,400
HKP-15C*	45 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
<b>APH1636M41**</b>	4.3 / 4.3	---	---	---	---
HKP-05C*	24 / 27	30 / 30	---	---	4.75 / 16,200
HKR-08*, HKR-08C*	34 / 39	40 / 40	---	---	7.0 / 23,800
HKP-10C*	45 / 52	60 / 60	---	---	9.5 / 32,400
HKP-15C*	45 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
<b>APH1642M41**</b>	5.8/5.8	---	---	---	---
HKP-05C*	24 / 27	30 / 30	---	---	4.75 / 16,200
HKR-08*, HKR-08C*	34 / 39	40 / 40	---	---	7.0 / 23,800
HKP-10C*	45 / 52	60 / 60	---	---	9.5 / 32,400
HKP-15C*	45 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
<b>APH1648M41* *</b>	5.8/5.8	---	---	---	---
HKP-05C*	25 / 28	30 / 30	---	---	4.75 / 16,200
HKR-08*, HKR-08C*	34 / 40	40 / 40	---	---	7.00 / 23,800
HKP-10C*	46 / 53	60 / 60	---	---	9.50 / 32,400
HKP-15C*	46 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
HKP-20C*	46 / 52	60 / 60	43 / 49	60 / 60	19.50 / 66,500

<sup>1</sup> Minimum Circuit Ampacity @ 240 V

<sup>2</sup> Maximum Overcurrent Protection device @ 240 V

\* Revision level that may or may not be designated

C Circuit Breaker option

MODEL AND HEAT KIT USAGE	MCA <sup>1</sup> @ 208 / 240V	MOP <sup>2</sup> (AMPS) @ 208 / 240V	ACTUAL kW & BTU @ 240V	RECOMMENDED AIRFLOW RANGE
<b>APH1660M41* *</b>			---	---
EHK1-10	53 / 62	60 / 70	10 / 34,000	1750-2250 CFM
EHK1-15	76 / 88	80 / 90	15 / 51,000	1750-2250 CFM
EHK1-20	99 / 114	100 / 120	20 / 68,200	1850-2250 CFM

<sup>1</sup> Minimum Circuit Ampacity

<sup>2</sup> Maximum Overcurrent Protection Device

MODEL AND HEAT KIT USAGE	MCA <sup>1</sup> @ 208 / 240V	MOP <sup>2</sup> (AMPS) @ 208 / 240V	ACTUAL kW & BTU @ 240V	RECOMMENDED AIRFLOW RANGE
<b>APH1660M41B*</b>			---	---
EHXD-1S05	66.6/70.1	70/80	5 / 17,000	1500-2500 CFM
EHXD-1S10	89.2/96.1	90/100	10 / 34,000	1500-2500 CFM
EHXD-1S15	112/122	125/125	15 / 51,000	1500-2500 CFM
EHXD-1S20	134/148	150/150	20 / 68,200	1500-2500 CFM

<sup>1</sup> Minimum Circuit Ampacity

<sup>2</sup> Maximum Overcurrent Protection Device

**kW CORRECTION FACTORS**

kW CORRECTION FACTOR FOR 1- & 3-PHASE UNITS					
SUPPLY VOLTAGE	240	230	220	210	208
<b>CORRECTION FACTOR</b>	1	0.93	0.82	0.78	0.76

Multiply rated kW by correction factor to get actual kW

**MINIMUM AIRFLOW FOR ELECTRIC HEAT**

HEATER SIZE	MINIMUM CFM
10 kW	1,250
15 kW	1,400
20 kW	1,850

APH1624M41**					
COOLING SPEED	ADJUST TAP	CFM*	HEATING SPEED	ADJUST TAP	CFM*
D	Minus	630	D	Minus	630
	Normal	700		Normal	700
	Plus	770		Plus	770
C	Minus	743	C	Minus	743
	Normal	825		Normal	825
	Plus	908		Plus	908
B	Minus	855	B	Minus	855
	Normal	950		Normal	950
	Plus	1,045		Plus	1,045
A	Minus	945	A	Minus	945
	Normal	1,050		Normal	1,050
	Plus	1,155		Plus	1,155

\* @ 0.1- 0.5 ESP  
Factory default is "B" minus

APH1630M41**					
COOLING SPEED	ADJUST TAP	CFM*	HEATING SPEED	ADJUST TAP	CFM*
D	Minus	720	D	Minus	720
	Normal	800		Normal	800
	Plus	880		Plus	880
C	Minus	900	C	Minus	900
	Normal	1,000		Normal	1,000
	Plus	1,100		Plus	1,100
B	Minus	990	B	Minus	990
	Normal	1,100		Normal	1,100
	Plus	1,210		Plus	1,210
A	Minus	1,125	A	Minus	1,125
	Normal	1,250		Normal	1,250
	Plus	1,375		Plus	1,375

\* @ 0.1- 0.8 ESP  
Factory default is "C" normal

APH1636M41**					
COOLING SPEED	ADJUST TAP	CFM*	HEATING SPEED	ADJUST TAP	CFM*
D	Minus	720	D	Minus	720
	Normal	800		Normal	800
	Plus	880		Plus	880
C	Minus	900	C	Minus	900
	Normal	1,000		Normal	1,000
	Plus	1,100		Plus	1,100
B	Minus	990	B	Minus	990
	Normal	1,100		Normal	1,100
	Plus	1,210		Plus	1,210
A	Minus	1,125	A	Minus	1,125
	Normal	1,250		Normal	1,250
	Plus	1,375		Plus	1,375

\* @ 0.1- 0.8 ESP  
Factory default is "B" plus

APH1642M41 **					
COOLING SPEED	ADJUST TAP	CFM*	HEATING SPEED	ADJUST TAP	CFM*
D	Minus	1,103	D	Minus	1,103
	Normal	1,225		Normal	1,225
	Plus	1,348		Plus	1,348
C	Minus	1,260	C	Minus	1,260
	Normal	1,400		Normal	1,400
	Plus	1,540		Plus	1,540
B	Minus	1,530	B	Minus	1,530
	Normal	1,700		Normal	1,700
	Plus	1,870		Plus	1,870
A	Minus	1,620	A	Minus	1,620
	Normal	1,800		Normal	1,800
	Plus	1,980		Plus	1,980

\* @ 0.1- 0.8 ESP  
Factory default is "A" normal

APH1648M41**					
COOLING SPEED	ADJUST TAP	CFM*	HEATING SPEED	ADJUST TAP	CFM*
D	Minus	1,103	D	Minus	1,103
	Normal	1,225		Normal	1,225
	Plus	1,348		Plus	1,348
C	Minus	1,260	C	Minus	1,260
	Normal	1,400		Normal	1,400
	Plus	1,540		Plus	1,540
B	Minus	1,530	B	Minus	1,530
	Normal	1,700		Normal	1,700
	Plus	1,870		Plus	1,870
A	Minus	1,620	A	Minus	1,620
	Normal	1,800		Normal	1,800
	Plus	1,980		Plus	1,980

\* @ 0.1- 0.8 ESP  
Factory default is "A" minus

APH1660M41**					
COOLING SPEED	ADJUST TAP	CFM*	HEATING SPEED	ADJUST TAP	CFM*
D	Minus	1,215	D	Minus	1,215
	Normal	1,350		Normal	1,350
	Plus	1,485		Plus	1,485
C	Minus	1,440	C	Minus	1,440
	Normal	1,600		Normal	1,600
	Plus	1,760		Plus	1,760
B	Minus	1,665	B	Minus	1,665
	Normal	1,850		Normal	1,850
	Plus	2,035		Plus	2,035
A	Minus	1,800	A	Minus	1,800
	Normal**	2,000		Normal**	2,000
	Plus	2,200		Plus	2,200

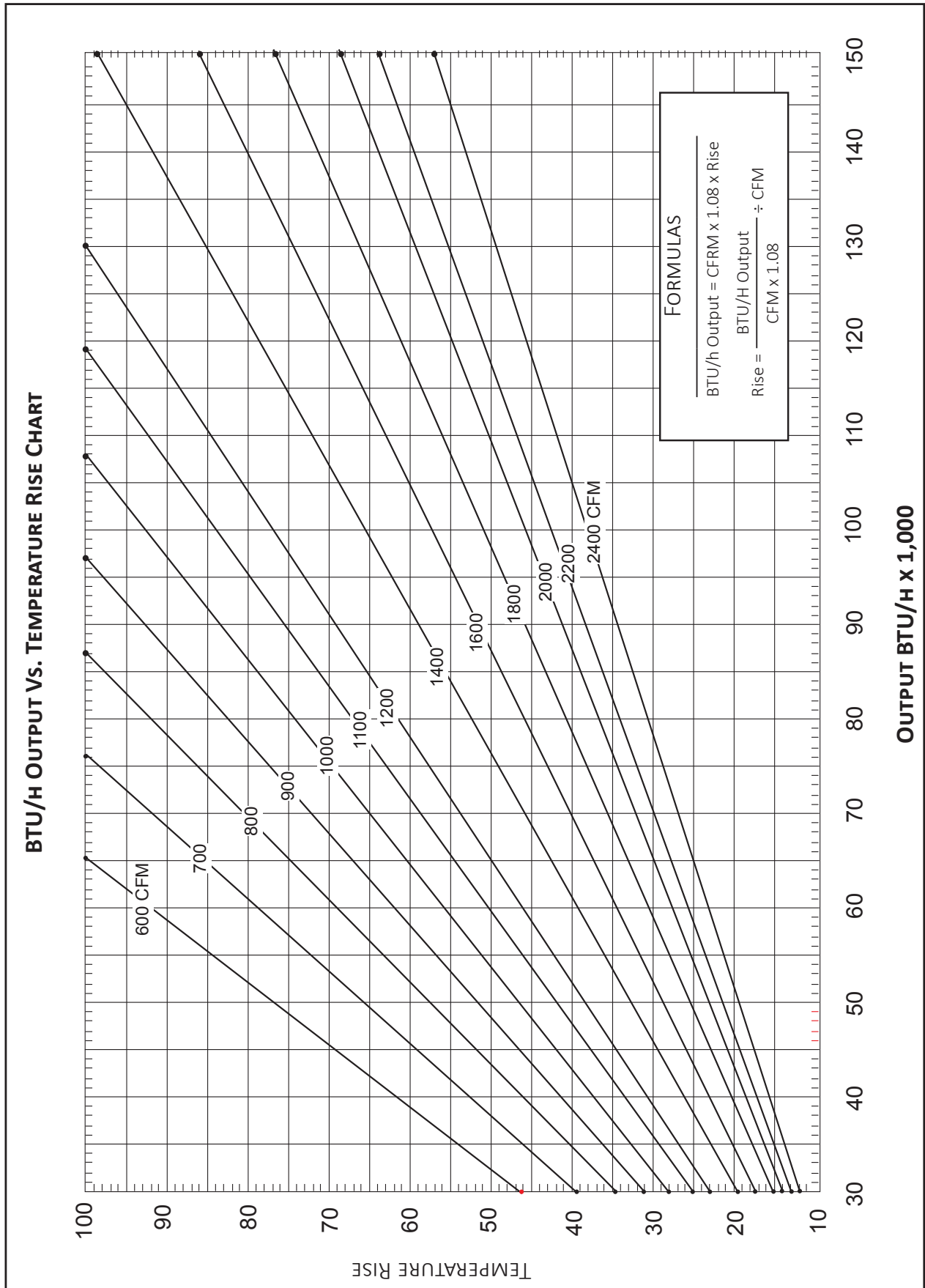
\* @ 0.1- 0.8 ESP  
\*\*Factory Default is "A" Plus

5TON MODELS: APG1660\*\*\*M41B\*

DOWN FLOW				
SPEED TAP	EXTERNAL STATIC PRESSURE (ESP), IN W.C.	SCFM	RPM	BHP
T1	0.2	1299	614	0.16
	0.4	1209	674	0.17
	0.6	1082	755	0.19
	0.8	933	836	0.21
T2	0.2	1967	862	0.62
	0.4	1896	951	0.69
	0.6	1849	1022	0.74
	0.8	1786	948	0.69
T3	0.2	2096	871	0.71
	0.4	2024	916	0.75
	0.6	1972	948	0.78
	0.8	1921	982	0.80
T4	0.2	2189	90	0.81
	0.4	2119	943	0.84
	0.6	2059	979	0.88
	0.8	2012	1009	0.90
T5	0.2	2254	923	0.88
	0.4	2178	964	0.92
	0.6	2127	997	0.95
	0.8	2078	1029	0.98

HORIZONTAL FLOW				
SPEED TAP	EXTERNAL STATIC PRESSURE (ESP), IN W.C.	SCFM	RPM	BHP
T1	0.2	1326	653	0.22
	0.4	1234	717	0.24
	0.6	1104	803	0.27
	0.8	952	890	0.30
T2	0.2	2007	885	0.64
	0.4	1935	931	0.67
	0.6	1887	969	0.70
	0.8	1822	1009	0.73
T3	0.2	2139	927	0.76
	0.4	2065	974	0.80
	0.6	2012	1009	0.83
	0.8	1960	1045	0.86
T4	0.2	2234	960	0.86
	0.4	2162	1003	0.90
	0.6	2101	1042	0.93
	0.8	2053	1073	0.96
T5	0.2	2300	982	0.93
	0.4	2222	1025	0.98
	0.6	2170	1061	1.01
	0.8	2120	1095	1.04

\*Shaded area indicates air flow below 1500 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.



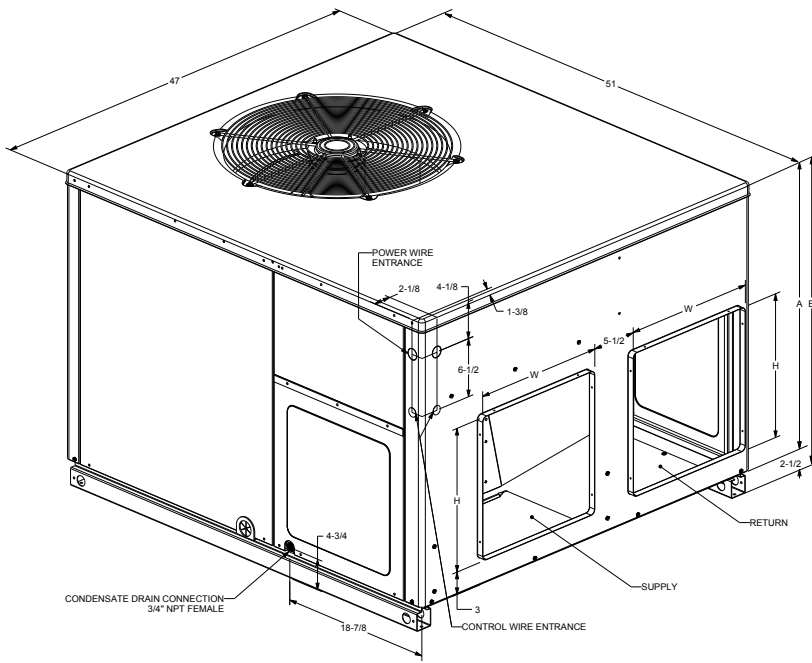
**DIPSWITCH SETTINGS**

MODEL	SWITCH 1	SWITCH 2	ELECTRIC HEAT CFM	SPEED TAP
APH1624M41**	Off	Off	1,050	A
	On	Off	950	B
	Off	On	825	C
	On	On	700	D
APH1630M41**	Off	Off	1,250	A
	On	Off	1,100	B
	Off	On	1,000	C
	On	On	800	D
APH1636M41**	Off	Off	1,250	A
	On	Off	1,100	B
	Off	On	1,000	C
	On	On	800	D
APH1642M41**	Off	Off	1,800	A
	On	Off	1,700	B
	Off	On	1,400	C
	On	On	1,225	D
APH1648M41**	Off	Off	1,800	A
	On	Off	1,700	B
	Off	On	1,400	C
	On	On	1,225	D
APH1660M41**	Off	Off	2,000	A
	On	Off	1,850	B
	Off	On	1,600	C
	On	On	1,350	D

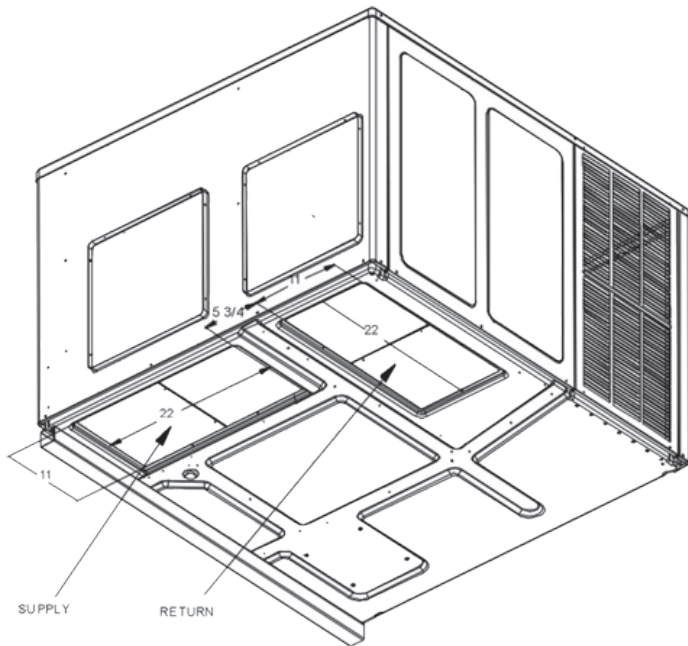
SWITCH 5	SWITCH 6	COOLING/HP CFM	SPEED TAP
Off	Off	1,050	A
On	Off	950	B
Off	On	825	C
On	On	700	D
Off	Off	1,250	A
On	Off	1,100	B
Off	On	1,000	C
On	On	800	D
Off	Off	1,250	A
On	Off	1,100	B
Off	On	1,000	C
On	On	800	D
Off	Off	1,800	A
On	Off	1,700	B
Off	On	1,400	C
On	On	1,225	D
Off	Off	1,800	A
On	Off	1,700	B
Off	On	1,400	C
On	On	1,225	D
Off	Off	2,000	A
On	Off	1,850	B
Off	On	1,600	C
On	On	1,350	D

Low-stage cool will be 70% of high-stage cool.

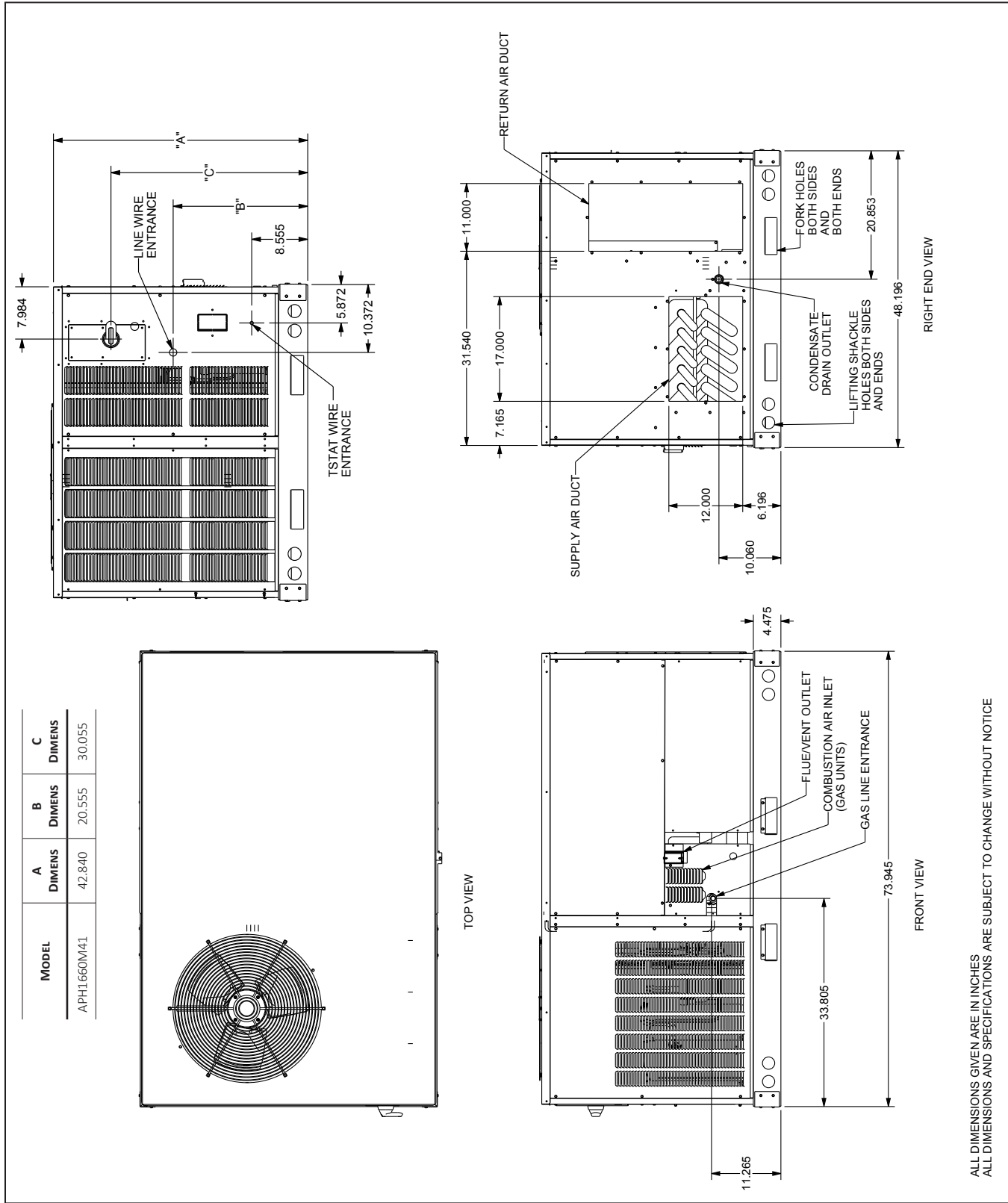




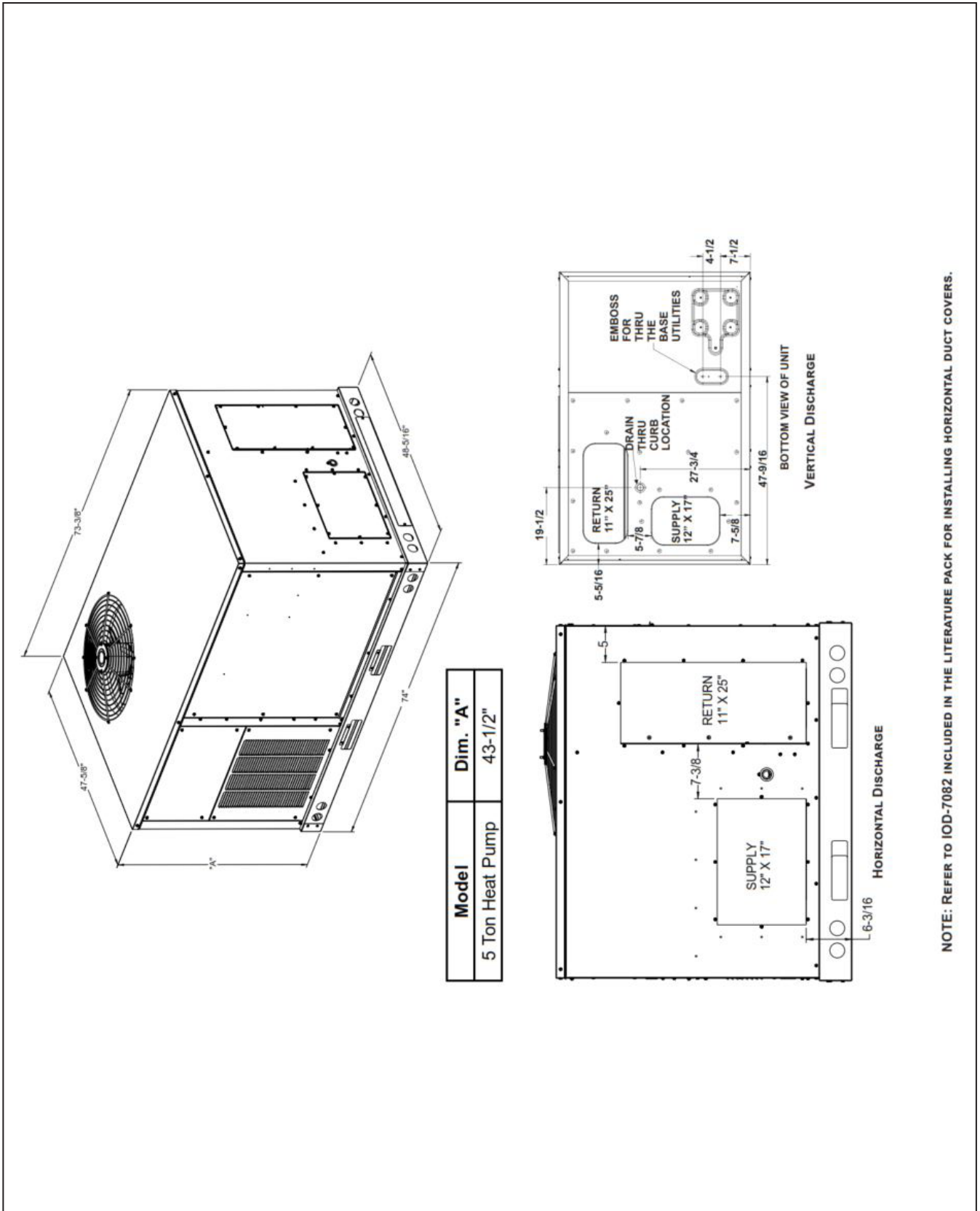
MODEL	UNIT DIMENSIONS (INCHES)				CHASSIS SIZE
			HEIGHT		
	W	D	A	B	
APH1624M41**	47	51	32	34 1/2	Medium
APH1630M41**	47	51	32	34 1/2	Medium
APH1636M41**	47	51	32	34 1/2	Medium
APH1642M41**	47	51	40	42 1/2	Large
APH1648M41**	47	51	40	42 1/2	Large
APH1660M41B*	73 3/8	47 5/8	39	43 1/2	X-Large



MODEL	DUCT OPENINGS			
	SUPPLY		RETURN	
	W	H	W	H
APH1624M41**	16	16	16	16
APH1630M41**	16	16	16	16
APH1636M41**	16	16	16	16
APH1642M41**	16	18	16	18
APH1648M41**	16	18	16	18
APH1660M41B*	17	12	11	25



ALL DIMENSIONS GIVEN ARE IN INCHES  
 ALL DIMENSIONS AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

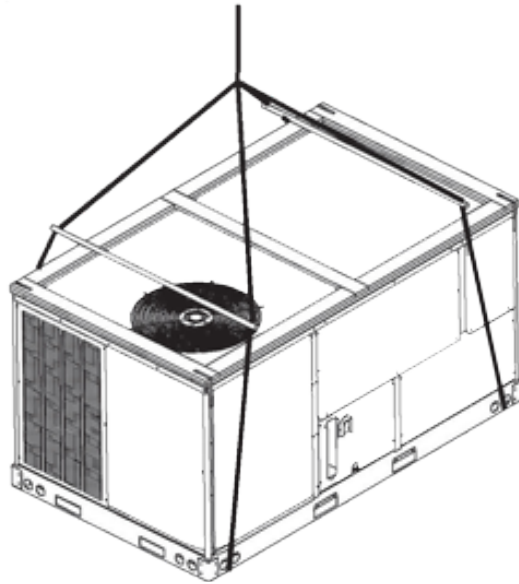


Model	Dim. "A"
5 Ton Heat Pump	43-1/2"

NOTE: REFER TO IOD-7082 INCLUDED IN THE LITERATURE PACK FOR INSTALLING HORIZONTAL DUCT COVERS.

Provisions for forks have been included in the unit base frame. No other fork locations are approved.

- Unit must be lifted by the four lifting holes located at the base frame corners.
- Lifting cables should be attached to the unit with shackles.
- The distance between the crane hook and the top of the unit must not be less than 60”.
- Two spreader bars must span over the unit to prevent damage to the cabinet by the lift cables. Spreader bars must be of sufficient length so that cables do not come in contact with the unit during transport. Remove wood struts mounted beneath unit base frame before setting unit on roof curb. These struts are intended to protect unit base frame from fork lift damage. To remove the struts, extract the sheet metal retainers and pull the struts through the base of the unit. Refer to rigging label on the unit.



Important: If using bottom discharge with roof curb, duct-work should be attached to the curb prior to installing the unit. Duct-work dimensions are shown in Roof Curb Installation Instructions Manual.

Refer to the Roof Curb Installation Instructions for proper curb installation. Curbing must be installed in compliance with the National Roofing Contractors Association Manual.

Lower unit carefully onto roof mounting curb. While rigging the unit, the center of gravity will cause the condenser end to be lower than the supply air end.

Bring condenser end of unit into alignment with the curb. With condenser end of the unit resting on curb member and using curb as a fulcrum, lower opposite end of the unit until entire unit is seated on the curb. When a rectangular cantilever curb is used, take care to center the unit. Check for proper alignment and orientation of supply and return openings with duct.

To assist in determining rigging requirements, unit weights are shown on the following page.

Curb installations must comply with local codes and should follow the established guidelines of the National Roofing Contractors Association.

Proper unit installation requires that the roof curb be firmly and permanently attached to the roof structure. Check for adequate fastening method prior to setting the unit on the curb.

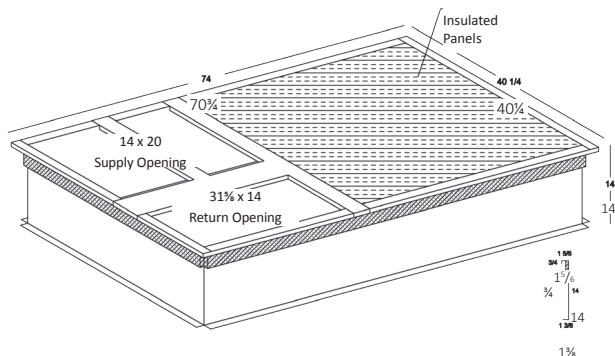
Full perimeter roof curbs are available from the factory and are shipped unassembled. The installing contractor is responsible for field assembly, squaring, leveling, and mounting on the roof structure. All required hardware necessary for the assembly of the sheet metal curb is included in the curb accessory package.

- Determine sufficient structural support before locating and mounting the curb and package unit.
- Duct-work must be constructed using industry guidelines. The duct-work must be placed into the roof curb before mounting the package unit. Our full perimeter curbs include duct connection frames to be assembled with the curb. Cantilevered-type curbs are not available from the factory.
- Contractor furnishes curb insulation, cant strips, flashing, and general roofing material.
- Support curbs on parallel sides with roof members. To prevent damage to the unit, the roof members cannot penetrate supply and return duct openings.

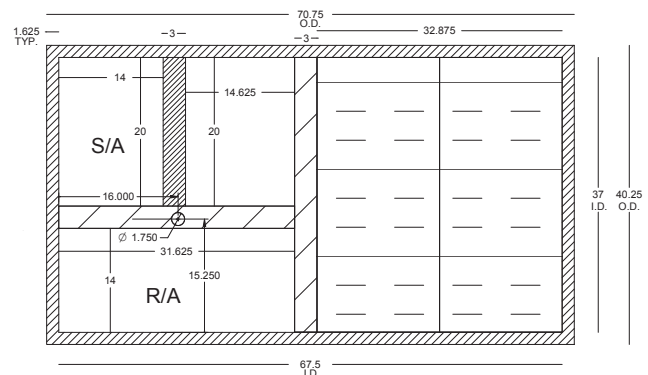
Note: The unit and curb accessories are designed to allow vertical duct installation before unit placement. Duct installation after unit placement is not recommended.

See the manual shipped with the roof curb for assembly and installation instructions.

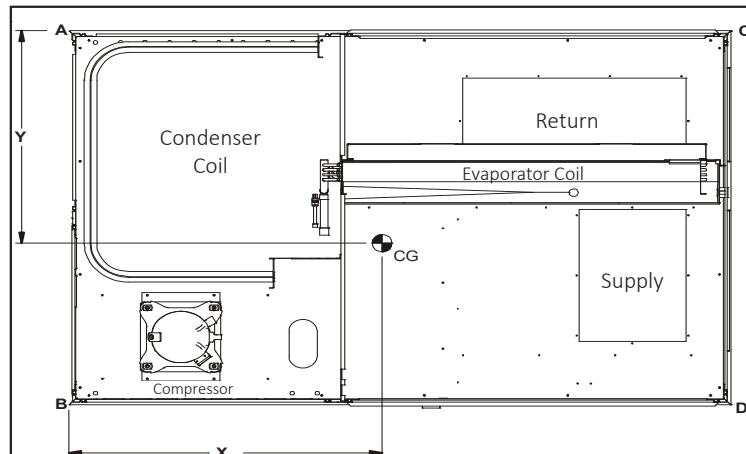
3-D VIEW



TOP VIEW



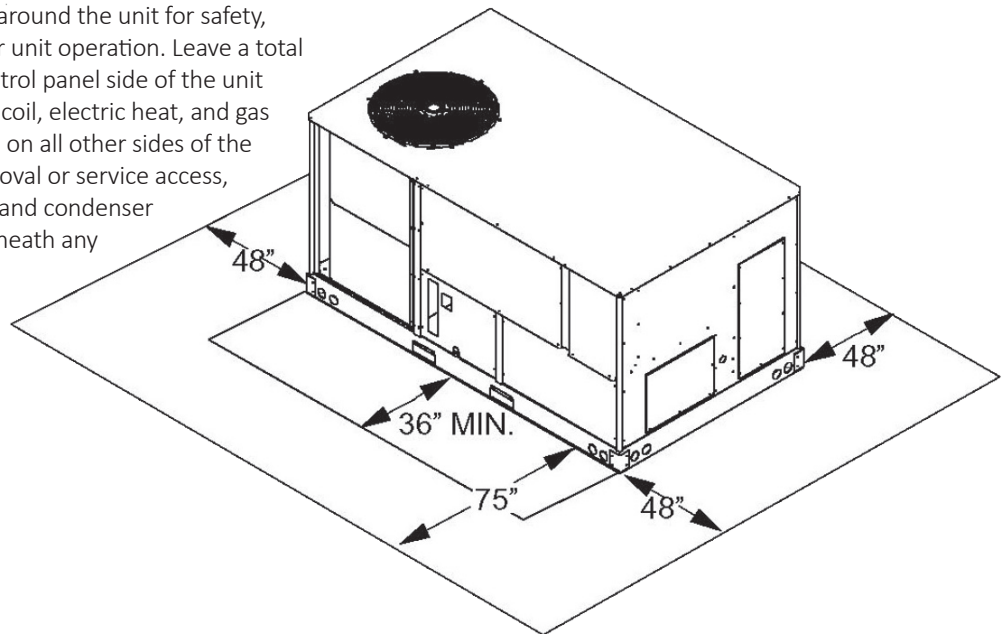
**CORNER & CENTER-OF-GRAVITY LOCATIONS**

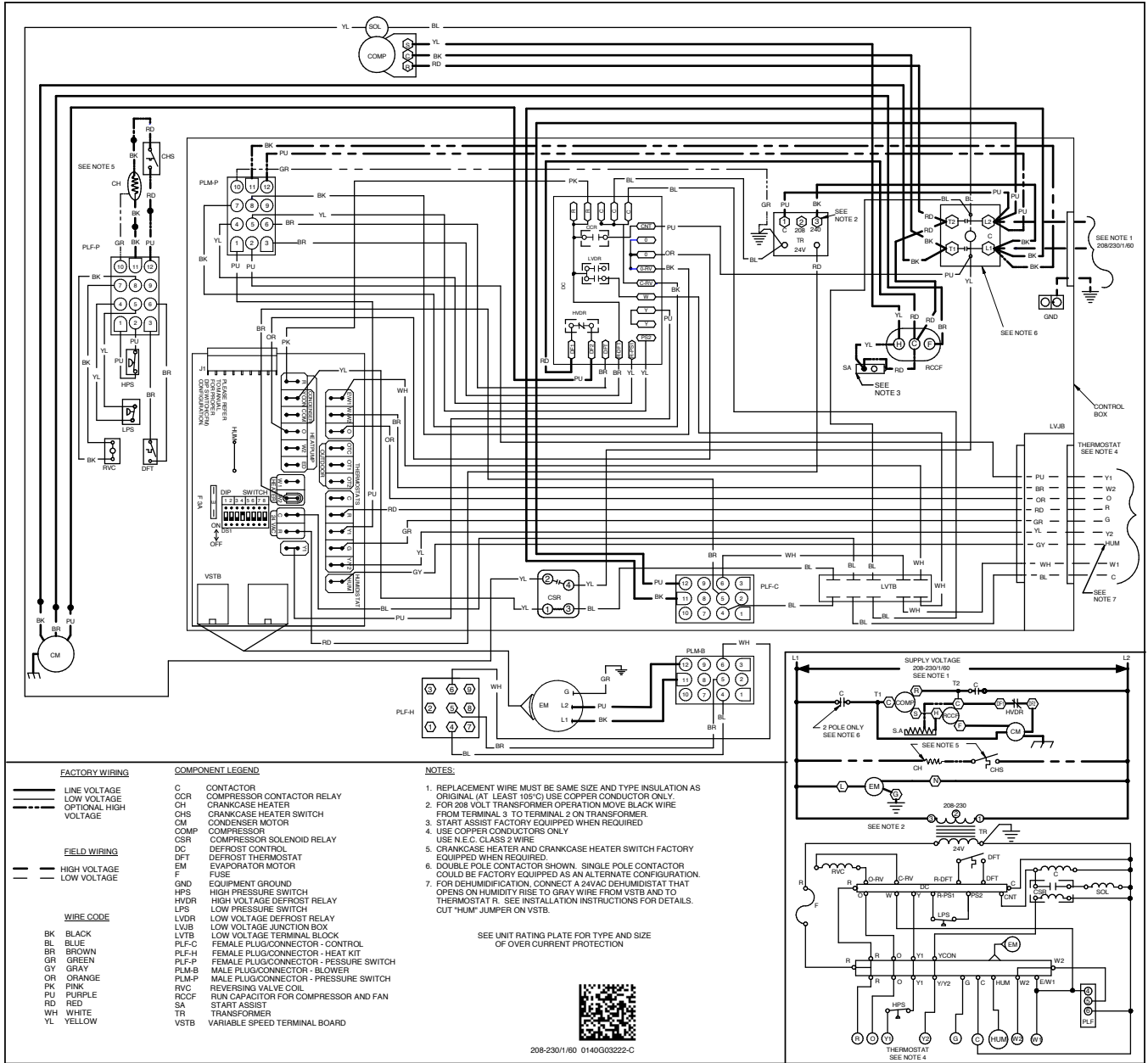


MODEL	X (IN)	Y (IN)	SHIPPING WEIGHT (LBS)	OPERATING WEIGHT (LBS)	CORNER WEIGHTS (LBS.)			
					A	B	C	D
APH1660M41**	40.0	25.1	612	583	204	113	72	194

**UNIT CLEARANCES**

Maintain an adequate clearance around the unit for safety, service, maintenance, and proper unit operation. Leave a total clearance of 75" on the main control panel side of the unit for possible removal of fan shaft, coil, electric heat, and gas furnace. Leave a clearance of 48" on all other sides of the unit for possible compressor removal or service access, and to ensure proper ventilation and condenser airflow. Do not install the unit beneath any obstruction. Install the unit away from all building exhausts to inhibit ingestion of exhaust air into the unit's fresh-air intake.





FACTORY WIRING	COMPONENT LEGEND
— LINE VOLTAGE	C CONTACTOR
— LOW VOLTAGE	CCR COMPRESSOR CONTACTOR RELAY
— OPTIONAL HIGH VOLTAGE	CH CRANKCASE HEATER
	CHS CRANKCASE HEATER SWITCH
	CM CONDENSER MOTOR
	COMP COMPRESSOR
	CSR COMPRESSOR SOLENOID RELAY
	DC DEFROST CONTROL
	DFT DEFROST THERMOSTAT
	EM EVAPORATOR MOTOR
	F FUSE
	GND EQUIPMENT GROUND
	HPS HIGH PRESSURE SWITCH
	HVDR HIGH VOLTAGE DEFROST RELAY
	LPS LOW PRESSURE SWITCH
	LVDR LOW VOLTAGE DEFROST RELAY
	LVJB LOW VOLTAGE JUNCTION BOX
	LVTB LOW VOLTAGE TERMINAL BLOCK
	PLF-C FEMALE PLUGCONNECTOR - CONTROL
	PLF-H FEMALE PLUGCONNECTOR - HEAT KIT
	PLF-P FEMALE PLUGCONNECTOR - PRESSURE SWITCH
	PLM-B MALE PLUGCONNECTOR - BLOWER
	PLM-P MALE PLUGCONNECTOR - PRESSURE SWITCH
	PK REVERSING VALVE COIL
	RVC RUN CAPACITOR FOR COMPRESSOR AND FAN
	SA START ASSIST
	TR TRANSFORMER
	VSTB VARIABLE SPEED TERMINAL BOARD

- NOTES:**
1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
  2. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
  3. START ASSIST FACTORY EQUIPPED WHEN REQUIRED.
  4. USE COPPER CONDUCTORS ONLY.
  5. CRANKCASE HEATER AND CRANKCASE HEATER SWITCH FACTORY EQUIPPED WHEN REQUIRED.
  6. DOUBLE POLE CONTACTOR SHOWN. SINGLE POLE CONTACTOR COULD BE FACTORY EQUIPPED AS AN ALTERNATE CONFIGURATION.
  7. FOR DEHUMIDIFICATION, CONNECT A 24VAC DEHUMIDISTAT THAT OPENS ON HUMIDITY RISE TO GRAY WIRE FROM VSTB AND TO THERMOSTAT R. SEE INSTALLATION INSTRUCTIONS FOR DETAILS. CUT "HUM" JUMPER ON VSTB.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION

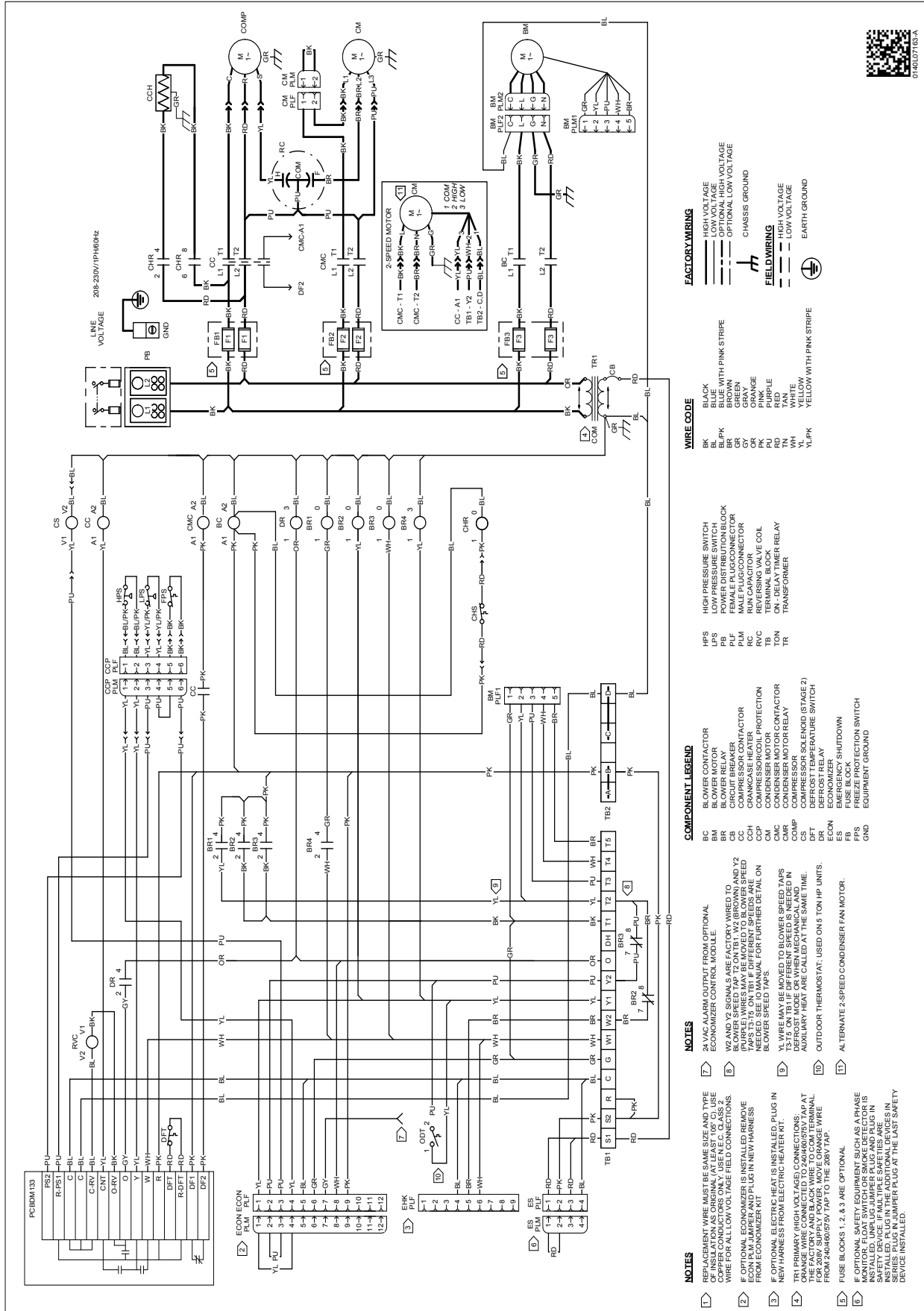


208-230/1/60 0140G03222-C

**High Voltage:** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

**WARNING**

Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.



- FACTORY WIRING**
- HIGH VOLTAGE
  - OPTIONAL HIGH VOLTAGE
  - OPTIONAL LOW VOLTAGE
  - CHASSIS GROUND
- FIELD WIRING**
- HIGH VOLTAGE
  - LOW VOLTAGE
  - EARTH GROUND

- WIRE CODE**
- BK BLACK
  - BL/PK BLUE WITH PINK STRIPE
  - BR BROWN
  - GR GRAY
  - OR ORANGE
  - PU PURPLE
  - RD RED
  - WH WHITE
  - YL YELLOW WITH PINK STRIPE

- COMPONENT LEGEND**
- BC BLOWER CONTACTOR
  - BM BLOWER MOTOR
  - CB CIRCUIT BREAKER
  - CC COMPRESSOR CONTACTOR
  - CCH CRANKCASE HEATER
  - CR CURRENT LIMITER PROTECTION
  - CM CONDENSER MOTOR
  - COM CONDENSER MOTOR CONTACTOR
  - COMR CONDENSER MOTOR RELAY
  - DFT DEFROST RELAY
  - DR CONDENSOR SOLENOID (STAGE 2)
  - ES EMERGENCY SHUTDOWN
  - FB FUSE BLOCK
  - FG FREEZE PROTECTION SWITCH
  - GRND EQUIPMENT GROUND

- NOTES**
- 1 REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE AS ORIGINAL. USE COPPER CONDUCTORS ONLY. USE N.E.C. CLASSIFICATION.
  - 2 WIRE FOR ALL LOW VOLTAGE FIELD CONNECTIONS.
  - 3 OPTIONAL ECONOMIZER IS INSTALLED REMOVE ECONOMIZER JUMPER AND PLUG IN NEW HARNESS FROM ECONOMIZER KIT.
  - 4 THE PRIMARY AIR FLOW TAP IS FIELD PLUG IN OPTION. USE FROM 240/460/575V TAP AT THE FACTORY AND BLACK WIRE TO COM TERMINAL. ORANGE WIRE CONNECTED TO 240/460/575V TAP AT THE FACTORY AND BLACK WIRE TO THE 208V TAP.
  - 5 FUSE BLOCKS 1, 2, & 3 ARE OPTIONAL.
  - 6 THE PRIMARY AIR FLOW TAP IS FIELD PLUG IN OPTION. USE FROM 240/460/575V TAP AT THE FACTORY AND BLACK WIRE TO COM TERMINAL. ORANGE WIRE CONNECTED TO 240/460/575V TAP AT THE FACTORY AND BLACK WIRE TO THE 208V TAP.
  - 7 24 VAC ALARM OUTPUT FROM OPTIONAL ECONOMIZER CONTROL MODULE.
  - 8 W2 AND W3 SIGNALS ARE FACTORY WIRED TO W1 AND W2 TAPS T3-T5 ON TB1 IF DIFFERENT SPEEDS ARE REQUIRED. PURPLE WIRES MAY BE MOVED TO BLOWER SPEED BLOWER SPEED TAPS.
  - 9 YL WIRE MAY BE MOVED TO BLOWER SPEED TAPS T3-T5 ON TB1 IF DIFFERENT SPEEDS ARE REQUIRED. PURPLE WIRES MAY BE MOVED TO BLOWER SPEED BLOWER SPEED TAPS.
  - 10 OUTDOOR THERMOSTAT: USED ON 5 TON HP UNITS.
  - 11 ALTERNATE 2-SPEED CONDENSER FAN MOTOR.

**WARNING**

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

**ACCESSORIES**

**FOR THE APH1624-48M41\*\* UNITS**

ACCESSORY DESCRIPTION	ITEM NUMBER	
	MEDIUM CHASSIS	LARGE CHASSIS
Concentric Kit	CDK36	CDK4872
Downflow Economizer	GPJMED102	GPJMED103
Downflow Internal Filter Rack	DDNIFRPCHMM	DDNIFRPCHML
Downflow Manual Damper	PGMDD101/102	PGMDD103
Downflow Motorized Damper	PGMDMD101/102	PGMDMD103
Downflow Square to Round	SQRPG101/102	SQRPG103
Economizer Wiring Harness	0259L00411	0259L00411
External Horizontal Filter Rack	DPHFRA	DPHFRA
Horizontal Duct Cover	20464501PDGK	20464502PDGK
Horizontal Economizer	DHZECNJPCHM	DHZECNJPCHL
Horizontal Manual Damper	PGMDH102	PGMDH103
Horizontal Motorized Damper	PGMDMH102	PGMDMH103
Horizontal Square to Round	SQRPGH101/102	SQRPGH103
Inline Fuse Kit	INFKPKG01	INFKPKG01
Outdoor Thermostat & Emergency Heat Relay Kit	OT/EHR18-60	OT/EHR18-60
Outdoor Thermostat Kit w/ Lockout Stat	OT18-60A	OT18-60A
Outdoor Thermostat Kit (Used only with APH1624M41 and APH1630M41 models)	OTHPKG-01	N/A
Roof Curb	D14CRBPGCHMA	D14CRBPGCHMA
Adjustable Roof Curb	2612ADJCURBGPM	2612ADJCURBGPM

**FOR THE APH1660M41AA UNITS**

DAIKIN MASTER ITEM #	DESCRIPTION
14CURB3672	14" Roof Curb
D25FD3672	25% Manual Fresh Air Damper
D25MFD3672	25% Motorized Fresh Air Damper
CDK4872	Concentric Duct Kit
DDNECNJ3672B	Low-leak Downflow Economizer
DDNECNJ3672NR	Downflow Economizer w/o Barometric Relief
DDNSQRD487218	Downflow Square-to-Round Adapter (18" Round)
DHZECN3672	Horizontal Economizer
GHRC-1	Hurricane Restraint Clips
DBRD3672	Barometric Relief Damper
EHK1-(10, 15, 20)	Electric Heat Kits
FSK01A	Freeze Stat Kit
GHRC-1	Hurricane Restraint Clips
LAKT01	Low-Ambient Kit

**FOR THE APH1660M41BA UNITS**

DAIKIN MASTER ITEM #	DESCRIPTION
0221L00014	14" Roof Curb
0270L01166	25% Manual Fresh Air Damper
0270L01165	25% Motorized Fresh Air Damper
0270L01338	Concentric Duct Adapter Kit 18"
0270L01753	Downflow Low-Leak Economizer Enthalpy
0270L01755	Downflow Ultra Low-Leak Economizer Enthalpy
0270L01757	Horizontal Ultra Low-Leak Economizer Enthalpy
EHXD-1S (05, 10, 15, 20)	Electric Heat Kits
0270L01250	Hurricane Restraint Clips (for 0221L00014 Roof Curb)
0270L01261	Hurricane Restraint Clips

**SINGLE-POINT KIT ACCESSORY KITS**

Select the single-point kit accessory based on the unit model.

MODEL	SINGLE-POINT KIT
APH1624M41**	SPK-30
APH1630M41**	SPK-35
APH1636M41**	SPK-40
APH1642M41**	SPK-45
APH1648M41**	SPK-50
APH1660M41**	SPKT01/02

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