



Air Conditioning & Heating

GSC13

ENERGY-EFFICIENT

SPLIT SYSTEM AIR CONDITIONER

13 SEER / R-22

1½ TO 5 TONS

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Standard Features

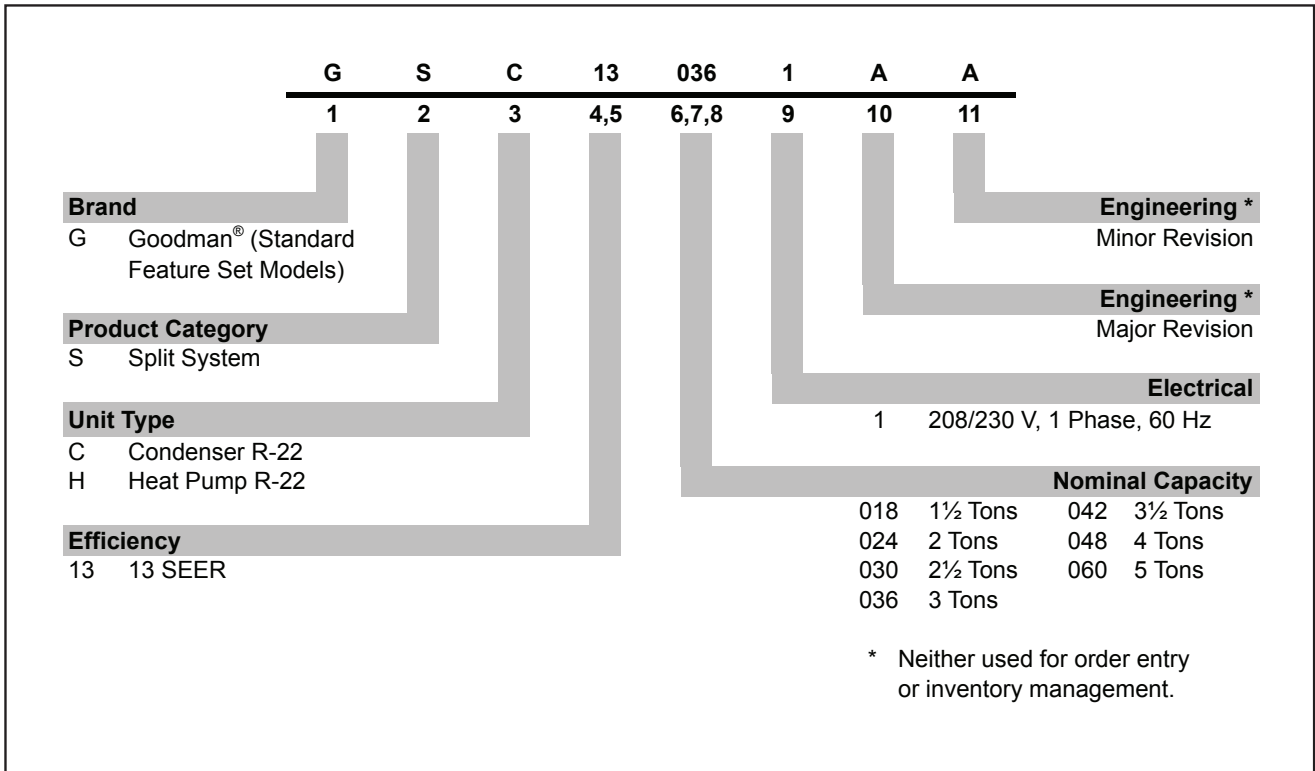
- Energy-efficient compressor
- Quiet condenser fan system
- Factory-installed liquid-line filter drier
- Copper tube/aluminum fin coil
- For use with R-22 refrigerant; charged with inert gas for shipping
- R-22 piston kit included
- Brass liquid and suction service valves with sweat connections
- Contactor with lug connections
- Ground lug connection
- ETL Listed

Cabinet Features

- Heavy-gauge galvanized-steel cabinet with louver design sound control top
- Steel louver coil guard
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



* Complete warranty details available from your local dealer or at www.goodmanmfg.com.



	GSC13 0181G*	GSC13 0241F*	GSC13 0301E*	GSC13 0361G*	GSC13 0421C*	GSC13 0481C*	GSC13 0601D*
COOLING CAPACITIES							
Tonnage	1½	2	2½	3	3½	4	5
Decibels	76	76	72	75	76	76	77
COMPRESSOR							
RLA	6.8	10.8	13.5	13.4	15.4	19.2	21.8
LRA	40	56	68	74	87	112	137
CONDENSER FAN MOTOR							
Horsepower	1/8	1/8	1/8	1/6	¼	¼	¼
FLA	0.65	0.65	0.7	1.1	1.5	1.5	1.5
REFRIGERATION SYSTEM							
Refrigerant Line Size							
Liquid Line Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Line Size ("O.D.)	¾"	¾"	¾"	⅞"	1½"	1½"	1½"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Valve Size ("O.D.) ³	¾"	¾"	¾"	¾" ³	¾" ³	⅞" ⁴	⅞" ⁴
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	87	77	66	77	108	128	118
ELECTRICAL DATA							
AC Volts-Hz	208/230-60	208/230-60	208/230-60	208/230-60	208/230-60	208/230-60	208/230-60
Min. Circuit Ampacity ¹	9.2	14.2	17.6	17.9	20.8	25.5	28.8
Max. Overcurrent Device ²	15	25	30	30	35	40	50
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
EQUIPMENT WEIGHT (LBS)							
	104	107	120	158	158	159	174
SHIP WEIGHT (LBS)							
	121	122	137	176	176	177	192

¹ Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

² Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

³ Installer will need to supply ¾" to ⅞" adapters for suction line connections.

⁴ Installer will need to supply ¾" to 1½" adapters for suction line connections.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Charge with refrigerant charge listed on S&R plate; 15' of ⅜" line included in this charge. System charge must be adjusted per Installation Instructions Final Charge Procedure.

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		ENTERING INDOOR WET BULB TEMPERATURE																							
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	
525	MBh	15.8	16.4	17.9	-	15.4	16.0	17.5	-	15.1	15.6	17.1	-	14.7	15.2	16.7	-	14.0	14.5	15.9	-	12.9	13.4	14.7	-
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
	kW	1.01	1.03	1.07	-	1.10	1.12	1.16	-	1.17	1.20	1.25	-	1.24	1.27	1.32	-	1.30	1.33	1.38	-	1.35	1.38	1.43	-
	Amps	4.2	4.3	4.5	-	4.6	4.7	4.8	-	4.9	5.0	5.2	-	5.2	5.4	5.5	-	5.5	5.7	5.9	-	5.9	6.0	6.2	-
600	HI PR	130	140	148	-	146	157	166	-	166	179	189	-	189	203	215	-	213	229	242	-	235	253	267	-
	LO PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	83	-	74	78	86	-
	MBh	17.1	17.7	19.4	-	16.7	17.3	19.0	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.1	15.7	17.2	-	14.0	14.5	15.9	-
	S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
675	kW	1.04	1.06	1.10	-	1.13	1.15	1.20	-	1.21	1.24	1.28	-	1.28	1.31	1.36	-	1.34	1.37	1.42	-	1.39	1.42	1.47	-
	Amps	4.3	4.4	4.6	-	4.7	4.8	4.9	-	5.0	5.2	5.3	-	5.4	5.5	5.7	-	5.7	5.8	6.0	-	6.0	6.2	6.4	-
	HI PR	134	144	152	-	150	162	171	-	171	184	194	-	195	210	221	-	219	236	249	-	242	261	275	-
	LO PR	61	65	71	-	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-
	MBh	17.6	18.3	20.0	-	17.2	17.9	19.6	-	16.8	17.4	19.1	-	16.4	17.0	18.6	-	15.6	16.2	17.7	-	14.4	15.0	16.4	-
70	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	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	kW	1.05	1.07	1.11	-	1.14	1.17	1.21	-	1.22	1.25	1.29	-	1.29	1.32	1.37	-	1.35	1.38	1.43	-	1.40	1.44	1.49	-
	Amps	4.4	4.5	4.6	-	4.7	4.8	5.0	-	5.1	5.2	5.4	-	5.4	5.5	5.7	-	5.7	5.9	6.1	-	6.1	6.2	6.4	-
	HI PR	135	146	154	-	152	164	173	-	173	186	196	-	197	212	224	-	221	238	252	-	245	263	278	-
LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-	

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		ENTERING INDOOR WET BULB TEMPERATURE																							
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	
525	MBh	16.1	16.5	17.9	19.2	15.7	16.2	17.5	18.8	15.3	15.8	17.1	18.3	15.0	15.4	16.7	17.9	14.2	14.6	15.8	17.0	13.2	13.5	14.7	15.7
	S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
	ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
	kW	1.02	1.04	1.08	1.12	1.11	1.13	1.17	1.22	1.19	1.21	1.26	1.30	1.25	1.28	1.33	1.38	1.31	1.34	1.39	1.44	1.36	1.40	1.45	1.50
	Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.8	5.0	5.0	5.1	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.1	5.9	6.0	6.2	6.5
600	HI PR	131	141	149	156	147	159	168	175	168	180	191	199	191	206	217	226	215	231	244	255	237	255	270	281
	LO PR	59	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92
	MBh	17.4	17.9	19.4	20.8	17.0	17.5	19.0	20.3	16.6	17.1	18.5	19.9	16.2	16.7	18.1	19.4	15.4	15.8	17.2	18.4	14.3	14.7	15.9	17.1
	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	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
	ΔT	22	20	16	11	22	20	17	11	22	20	17	12	22	20	17	12	22	20	17	11	20	19	15	11
675	kW	1.05	1.07	1.11	1.15	1.14	1.17	1.21	1.25	1.22	1.25	1.29	1.34	1.29	1.32	1.37	1.42	1.35	1.38	1.43	1.49	1.40	1.44	1.49	1.54
	Amps	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.1	5.1	5.2	5.4	5.6	5.4	5.5	5.7	5.9	5.7	5.9	6.1	6.3	6.1	6.2	6.4	6.6
	HI PR	135	146	154	161	152	164	173	180	173	186	196	205	197	212	224	233	222	238	252	263	245	263	278	290
	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
	MBh	17.9	18.5	20.0	21.5	17.5	18.0	19.5	21.0	17.1	17.6	19.1	20.5	16.7	17.2	18.6	20.0	15.9	16.3	17.7	19.0	14.7	15.1	16.4	17.6
75	S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	kW	1.06	1.08	1.12	1.16	1.15	1.18	1.22	1.26	1.23	1.26	1.30	1.35	1.30	1.33	1.38	1.43	1.36	1.39	1.45	1.50	1.41	1.45	1.50	1.56
	Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.1	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.3	6.1	6.3	6.5	6.7
	HI PR	137	147	155	162	154	165	174	182	175	188	198	207	199	214	226	236	224	241	254	265	247	266	281	293
LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	89	96	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

IDB		OUTDOOR AMBIENT TEMPERATURE																											
		65				75				85				95				105				115							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
		ENTERING INDOOR WET BULB TEMPERATURE																											
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	59	63	67	71
80	MBh	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	15.2	15.6	16.6	17.8	14.5	14.8	15.8	16.9	13.4	13.7	14.6	15.6				
	S/T	0.86	0.81	0.66	0.5	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.5	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.6	0.99	0.93	0.76	0.57				
	ΔT	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15				
	kW	1.03	1.05	1.09	1.1	1.12	1.14	1.19	1.23	1.20	1.22	1.27	1.3	1.27	1.30	1.34	1.39	1.32	1.36	1.41	1.5	1.37	1.41	1.46	1.51				
	Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.1	5.0	5.1	5.3	5.5	5.3	5.4	5.6	5.8	5.6	5.8	6.0	6.2	6.0	6.1	6.3	6.5				
HI PR	133	143	151	157.3	149	160	169	177	169	182	192	200.8	193	208	219	229	217	234	247	257.2	240	258	272	284					
LO PR	60	64	70	74.3	63	68	74	79	66	70	77	81.6	69	74	81	86	73	77	84	89.9	75	80	87	93					
600	MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3	14.5	14.8	15.8	16.9				
	S/T	0.90	0.84	0.68	0.5	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.5	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.6	1.00	0.96	0.78	0.59				
	ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	22	22	19	15				
	kW	1.06	1.08	1.12	1.2	1.15	1.18	1.22	1.26	1.23	1.26	1.30	1.4	1.30	1.33	1.38	1.43	1.36	1.40	1.45	1.5	1.41	1.45	1.50	1.56				
	Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.1	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.3	6.1	6.3	6.5	6.7				
HI PR	137	147	155	162.2	154	165	174	182	175	188	198	207.0	199	214	226	236	224	241	254	265.2	247	266	281	293					
LO PR	62	66	72	76.6	65	70	76	81	68	72	79	84.2	71	76	83	88	75	80	87	92.6	77	82	89	96					
675	MBh	18.3	18.7	19.9	21.3	17.8	18.2	19.5	20.8	17.4	17.8	19.0	20.3	17.0	17.4	18.5	19.8	16.1	16.5	17.6	18.8	14.9	15.3	16.3	17.4				
	S/T	0.94	0.88	0.72	0.5	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.6	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.6	1.00	1.00	0.82	0.62				
	ΔT	23	22	19	16	24	23	20	16	24	23	20	16	23	23	20	16	22	22	19	16	20	21	18	15				
	kW	1.07	1.09	1.13	1.2	1.16	1.19	1.23	1.27	1.24	1.27	1.32	1.4	1.31	1.34	1.39	1.45	1.37	1.41	1.46	1.5	1.43	1.46	1.52	1.57				
	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.2	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.5	6.8				
HI PR	138	149	157	163.8	155	167	176	184	176	190	200	209.0	201	216	228	238	226	243	257	267.8	250	269	284	296					
LO PR	63	67	73	77.4	66	70	77	82	69	73	80	85.0	72	77	84	89	76	80	88	93.6	78	83	91	97					

85	MBh	16.6	17.0	17.8	19.0	16.3	16.6	17.4	18.5	15.9	16.2	16.9	18.1	15.5	15.8	16.5	17.6	14.7	15.0	15.7	16.8	13.6	13.9	14.5	15.5
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73
	ΔT	26	26	25	21	27	26	25	21	27	26	25	22	27	26	25	22	26	26	25	21	24	24	23	20
	kW	1.04	1.06	1.10	1.14	1.13	1.15	1.20	1.24	1.21	1.24	1.28	1.33	1.28	1.31	1.36	1.41	1.34	1.37	1.42	1.47	1.39	1.42	1.47	1.53
	Amps	4.3	4.4	4.6	4.7	4.7	4.8	4.9	5.1	5.0	5.2	5.3	5.5	5.4	5.5	5.7	5.9	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6
HI PR	134	144	152	159	150	162	171	178	171	184	194	203	195	210	221	231	219	236	249	260	242	261	275	287	
LO PR	61	65	71	75	64	68	74	79	67	71	77	82	70	74	81	87	73	78	85	91	76	81	88	94	
600	MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	14.8	15.0	15.8	16.8
	S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
	ΔT	26	26	24	21	26	26	24	21	26	26	24	21	26	26	25	21	24	25	24	21	23	23	23	20
	kW	1.07	1.09	1.13	1.17	1.16	1.19	1.23	1.27	1.24	1.27	1.32	1.36	1.31	1.34	1.39	1.45	1.37	1.41	1.46	1.51	1.43	1.46	1.52	1.57
	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.2	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.5	6.8
HI PR	138	149	157	164	155	167	176	184	176	190	200	209	201	216	228	238	226	243	257	268	250	269	284	296	
LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97	
675	MBh	18.6	18.9	19.8	21.2	18.1	18.5	19.4	20.7	17.7	18.1	18.9	20.2	17.3	17.6	18.4	19.7	16.4	16.7	17.5	18.7	15.2	15.5	16.2	17.3
	S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80
	ΔT	25	25	23	20	25	25	23	20	24	25	23	20	24	24	24	20	22	23	23	20	21	21	22	19
	kW	1.08	1.10	1.14	1.18	1.17	1.20	1.24	1.29	1.25	1.28	1.33	1.38	1.32	1.36	1.41	1.46	1.39	1.42	1.47	1.53	1.44	1.48	1.53	1.59
	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.0	6.2	6.5	6.2	6.4	6.6	6.8
HI PR	140	150	159	165	157	169	178	186	178	192	202	211	203	218	231	240	228	246	259	271	252	271	287	299	
LO PR	63	67	73	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	94	79	84	92	98	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects AHRI conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

IDB		OUTDOOR AMBIENT TEMPERATURE																																															
		65								75								85								95								105								115							
		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	59	63	67	71	59	63	67	71														
70	700	MBh	20.0	20.8	22.7	-	19.6	20.3	22.2	-	19.1	19.8	21.7	-	18.6	19.3	21.1	-	17.7	18.3	20.1	-	16.4	17.0	18.6	-	17.7	18.3	20.1	-	16.4	17.0	18.6	-															
		S/T	0.67	0.56	0.38	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-															
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	18	15	12	-	16	14	11	-															
		kW	1.48	1.52	1.57	-	1.61	1.65	1.71	-	1.73	1.77	1.83	-	1.83	1.87	1.94	-	1.91	1.96	2.03	-	1.99	2.04	2.11	-	1.91	1.96	2.03	-	1.99	2.04	2.11	-															
		Amps	7.0	7.1	7.3	-	7.5	7.6	7.8	-	8.0	8.1	8.4	-	8.4	8.6	8.9	-	8.9	9.1	9.4	-	9.4	9.6	9.8	-	8.9	9.1	9.4	-	9.4	9.6	9.8	-															
		HI PR	134	144	152	-	150	162	171	-	171	184	194	-	195	210	221	-	219	236	249	-	242	261	275	-	219	236	249	-	242	261	275	-															
	LO PR	57	61	66	-	60	64	70	-	63	67	73	-	66	70	77	-	69	73	80	-	71	76	83	-	69	73	80	-	71	76	83	-																
	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	-	19.2	19.9	21.8	-	17.8	18.4	20.2	-																
	S/T	0.69	0.58	0.40	-	0.71	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	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-																
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-	17	15	11	-	16	14	11	-																
	kW	1.52	1.56	1.62	-	1.66	1.70	1.76	-	1.78	1.82	1.89	-	1.88	1.93	2.00	-	1.97	2.02	2.09	-	2.05	2.10	2.17	-	1.97	2.02	2.09	-	2.05	2.10	2.17	-																
	Amps	7.2	7.3	7.5	-	7.6	7.8	8.0	-	8.2	8.3	8.6	-	8.6	8.8	9.1	-	9.1	9.3	9.6	-	9.6	9.8	10.1	-	9.1	9.3	9.6	-	9.6	9.8	10.1	-																
HI PR	138	149	157	-	155	167	176	-	176	190	200	-	201	216	228	-	226	243	257	-	250	269	284	-	226	243	257	-	250	269	284	-																	
LO PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	83	-	74	78	86	-	71	76	83	-	74	78	86	-																	
MBh	22.3	23.2	25.4	-	21.8	22.6	24.8	-	21.3	22.1	24.2	-	20.8	21.5	23.6	-	19.7	20.5	22.4	-	18.3	19.0	20.8	-	19.7	20.5	22.4	-	18.3	19.0	20.8	-																	
S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-																	
ΔT	17	14	11	-	17	14	11	-	17	14	11	-	17	15	11	-	17	14	11	-	16	13	10	-	17	14	11	-	16	13	10	-																	
kW	1.54	1.58	1.63	-	1.67	1.71	1.78	-	1.79	1.84	1.90	-	1.90	1.95	2.02	-	1.99	2.04	2.11	-	2.07	2.12	2.19	-	1.99	2.04	2.11	-	2.07	2.12	2.19	-																	
Amps	7.2	7.3	7.5	-	7.7	7.8	8.1	-	8.2	8.4	8.6	-	8.7	8.9	9.2	-	9.2	9.4	9.7	-	9.7	9.9	10.2	-	9.2	9.4	9.7	-	9.7	9.9	10.2	-																	
HI PR	140	150	159	-	157	169	178	-	178	192	202	-	203	218	231	-	228	246	259	-	252	271	287	-	228	246	259	-	252	271	287	-																	
LO PR	59	63	69	-	63	67	73	-	65	69	76	-	69	73	80	-	72	76	84	-	74	79	86	-	72	76	84	-	74	79	86	-																	
75	700	MBh	20.4	21.0	22.7	24.4	19.9	20.5	22.2	24.0	25.8	19.4	20.0	21.6	23.2	20.5	21.1	22.7	18.0	18.5	20.1	21.5	16.7	17.2	18.6	19.9	18.0	18.5	20.1	21.5	16.7	17.2	18.6	19.9															
		S/T	0.76	0.68	0.51	0.33	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	0.77	0.58	0.37	0.87	0.78	0.59	0.38	0.86	0.77	0.58	0.37	0.87	0.78	0.59	0.38															
		ΔT	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	10	20	19	15	11	20	19	14	10	10	20	19	15	11	20	19	14	10														
		kW	1.50	1.53	1.59	1.65	1.63	1.67	1.73	1.79	1.74	1.79	1.85	1.92	1.85	1.89	1.96	2.03	1.93	1.98	2.05	2.13	2.01	2.06	2.13	2.21	1.93	1.98	2.05	2.13	2.01	2.06	2.13	2.21															
		Amps	7.0	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	9.0	9.2	9.4	9.7	9.4	9.6	9.9	10.2	9.0	9.2	9.4	9.7	9.4	9.6	9.9	10.2															
		HI PR	135	146	154	161	152	164	173	180	173	186	196	205	197	212	224	233	222	238	252	263	245	263	278	290	222	238	252	263	245	263	278	290															
	LO PR	58	61	67	71	61	65	71	75	63	67	74	78	67	71	77	82	70	74	81	86	72	77	84	89	70	74	81	86	72	77	84	89																
	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	21.1	22.9	24.5	19.5	20.1	21.7	23.3	18.1	18.6	20.1	21.6	19.5	20.1	21.7	23.3	18.1	18.6	20.1	21.6																
	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	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39																
	ΔT	20	18	15	10	20	19	15	10	20	19	15	10	20	19	15	10	20	19	15	10	20	19	14	10	10	20	19	15	10	20	19	14	10															
	kW	1.54	1.58	1.63	1.69	1.67	1.71	1.78	1.84	1.79	1.84	1.90	1.97	1.90	1.95	2.02	2.09	1.99	2.04	2.11	2.19	2.07	2.12	2.20	2.28	1.99	2.04	2.11	2.19	2.07	2.12	2.20	2.28																
	Amps	7.2	7.3	7.5	7.8	7.7	7.8	8.1	8.3	8.2	8.4	8.6	8.9	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.0	9.7	9.9	10.2	10.5	9.2	9.4	9.7	10.0	9.7	9.9	10.2	10.5																
HI PR	140	150	159	166	157	169	178	186	178	192	203	211	203	218	231	241	228	246	260	271	252	272	287	299	228	246	260	271	252	272	287	299																	
LO PR	59	63	69	74	63	67	73	78	65	69	76	81	69	73	80	85	72	77	84	89	74	79	86	92	72	77	84	89	74	79	86	92																	
MBh	22.7	23.4	25.3	27.2	22.2	22.8	24.7	26.5	21.7	22.3	24.1	25.9	21.1	21.8	23.6	25.3	20.1	20.7	22.4	24.0	18.6	19.1	20.7	22.2	20.1	20.7	22.4	24.0	18.6	19.1	20.7	22.2																	
S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41																	
ΔT	19	18	14	10	19	18	15	10	19	18	15	10	19	18	15	10	19	18	14	10	18	17	14	9	9	19	18	14	10	18	17	14	9																
kW	1.55	1.59	1.65	1.71	1.69	1.73	1.79	1.86	1.81	1.85	1.92	1.99	1.92	1.96	2.04	2.11	2.01	2.06	2.13	2.21	2.09	2.14	2.22	2.30	2.01	2.06	2.13	2.21	2.09	2.14	2.22	2.30																	
Amps	7.3	7.4	7.6	7.8	7.7	7.9	8.1	8.4	8.3	8.5	8.7	9.0	8.8	9.0	9.2	9.5	9.3	9.5	9.7	10.1	9.7	10.0	10.3	10.6	9.3	9.5	9.7	10.1	9.7	10.0	10.3	10.6																	
HI PR	141	152	160	167	158	170	180	188	180	194	205	213	205	221	233	243	231	248	262	273	255	274	290	302	231	248	262	273	255	274	290	302																	
LO PR	60	64	70	74	63	68	74	79	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93	73	77	84	90	75	80	87	93																	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

IDB		OUTDOOR AMBIENT TEMPERATURE																																																																																																																																																																																																																																																																																																					
		65					75					85					95					105					115																																																																																																																																																																																																																																																																												
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75																																																																																																																																																																																																																																																																								
		ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																																																																																																																																																					
AIRFLOW		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75																																																																																																																																																																																																																																																																			
700		20.7	21.2	22.6	24.2	20.2	20.7	22.1	23.6	23.6	19.8	20.2	21.6	23.1	23.1	19.3	19.7	21.0	22.5	22.5	18.3	18.7	20.0	21.4	21.4	17.0	17.3	18.5	19.8	19.8	0.83	0.78	0.63	0.5	0.5	0.86	0.81	0.66	0.49	0.49	0.88	0.83	0.67	0.5	0.5	0.91	0.85	0.69	0.52	0.52	0.94	0.89	0.72	0.5	0.5	2.1	2.2	1.9	1.5	1.5	2.3	2.2	1.9	1.5	1.5	1.86	1.91	1.98	2.05	2.05	1.95	2.00	2.07	2.2	2.2	2.03	2.08	2.15	2.23	2.23	7.1	7.2	7.4	7.7	7.7	7.6	7.7	7.9	8.2	8.2	8.1	8.3	8.5	8.8	8.8	8.6	8.8	9.0	9.3	9.3	9.0	9.2	9.5	9.8	9.8	199	214	226	236	236	199	214	226	236	236	224	241	254	265.2	265.2	247	266	281	293	293	58	62	68	72.1	72.1	62	66	72	76	76	64	68	74	79.2	79.2	67	72	78	83	83	70	75	82	87.2	87.2	18.4	18.8	20.1	21.4	21.4	0.86	0.81	0.66	0.5	0.5	0.89	0.84	0.68	0.51	0.51	0.91	0.86	0.70	0.5	0.5	0.94	0.88	0.72	0.54	0.54	0.98	0.92	0.75	0.6	0.6	0.99	0.93	0.75	0.56	0.56	2.2	2.1	1.8	1.5	1.5	2.2	2.1	1.9	1.5	1.5	2.2	2.1	1.9	1.5	1.5	2.09	2.14	2.22	2.30	2.30	7.3	7.4	7.6	7.8	7.8	7.7	7.9	8.1	8.4	8.4	8.3	8.5	8.7	9.0	9.0	8.8	9.0	9.2	9.5	9.5	9.3	9.5	9.7	10.1	10.1	9.7	10.0	10.3	10.6	10.6	141	152	160	167.2	167.2	158	170	180	188	188	180	194	205	213.4	213.4	205	221	233	243	243	231	248	262	273.4	273.4	255	274	290	302	302	60	64	70	74.3	74.3	63	68	74	79	79	66	70	77	81.6	81.6	69	74	81	86	86	73	77	84	89.8	89.8	75	80	87	93	93
800		23.1	23.6	25.2	27.0	22.6	23.1	24.7	26.4	26.4	22.0	22.5	24.1	25.7	25.7	21.5	22.0	23.5	25.1	25.1	20.4	20.9	22.3	23.8	23.8	18.9	19.3	20.7	22.1	22.1	0.90	0.85	0.69	0.5	0.5	0.93	0.88	0.71	0.53	0.53	0.96	0.90	0.73	0.5	0.5	1.00	0.93	0.75	0.56	0.56	1.00	0.96	0.78	0.6	0.6	1.00	0.97	0.79	0.59	0.59	2.1	2.0	1.8	1.4	1.4	2.2	2.1	1.8	1.4	1.4	2.2	2.1	1.8	1.4	1.4	2.10	2.16	2.24	2.32	2.32	7.3	7.5	7.7	7.9	7.9	7.8	8.0	8.2	8.4	8.4	8.4	8.5	8.8	9.1	9.1	8.9	9.0	9.3	9.6	9.6	9.3	9.5	9.8	10.1	10.1	9.8	10.0	10.3	10.7	10.7	142	153	162	168.9	168.9	160	172	182	189	189	182	196	207	215.5	215.5	207	223	235	245	245	233	251	265	276.1	276.1	257	277	293	305	305	61	65	70	75.1	75.1	64	68	74	79	79	67	71	77	82.4	82.4	70	74	81	87	87	73	78	85	90.7	90.7	76	81	88	94	94																																																																																																																													
900		21.1	21.5	22.5	24.0	20.6	21.0	22.0	23.5	23.5	20.1	20.5	21.5	22.9	22.9	19.6	20.0	20.9	22.3	22.3	18.6	19.0	19.9	21.2	21.2	17.3	17.6	18.4	19.7	19.7	0.87	0.84	0.76	0.61	0.61	0.90	0.87	0.78	0.64	0.64	0.92	0.89	0.80	0.65	0.65	0.95	0.92	0.83	0.67	0.67	0.99	0.95	0.86	0.70	0.70	1.00	1.00	0.90	0.73	0.73	1.00	1.00	0.90	0.73	0.73	1.00	1.00	0.90	0.73	0.73	2.4	2.4	2.2	1.9	1.9	2.4	2.4	2.2	1.9	1.9	2.4	2.4	2.2	1.9	1.9	2.3	2.3	2.2	1.9	1.9	2.3	2.3	2.2	1.9	1.9	2.10	2.16	2.24	2.32	2.32	7.1	7.3	7.5	7.7	7.7	7.6	7.8	8.0	8.2	8.2	8.2	8.3	8.6	8.8	8.8	8.6	8.8	9.1	9.4	9.4	9.1	9.3	9.6	9.9	9.9	9.6	9.8	10.1	10.4	10.4	138	149	157	164	164	155	167	176	184	184	176	190	200	209	209	201	216	228	238	238	226	243	257	268	268	250	269	284	296	296	59	63	68	73	73	62	66	72	77	77	65	69	75	80	80	68	72	79	84	84	71	76	83	88	88	74	78	85	91	91																																																																																																									
700		22.8	23.3	24.4	26.0	22.3	22.7	23.8	25.4	25.4	21.8	22.2	23.3	24.8	24.8	21.2	21.7	22.7	24.2	24.2	20.2	20.6	21.6	23.0	23.0	18.7	19.1	20.0	21.3	21.3	0.90	0.87	0.79	0.64	0.64	0.93	0.90	0.81	0.66	0.66	0.96	0.92	0.83	0.68	0.68	0.99	0.95	0.86	0.70	0.70	1.00	1.00	0.90	0.73	0.73	1.00	1.00	0.90	0.73	0.73	1.00	1.00	0.90	0.73	0.73	2.4	2.4	2.2	1.9	1.9	2.4	2.4	2.2	1.9	1.9	2.4	2.4	2.2	1.9	1.9	2.3	2.3	2.2	1.9	1.9	2.3	2.3	2.2	1.9	1.9	2.10	2.16	2.24	2.32	2.32	7.3	7.5	7.7	7.9	7.9	7.8	8.0	8.2	8.4	8.4	8.4	8.5	8.8	9.1	9.1	8.9	9.0	9.3	9.6	9.6	9.3	9.5	9.8	10.1	10.1	9.8	10.0	10.3	10.7	10.7	142	153	162	169	169	160	172	182	189	189	182	196	207	216	216	207	223	235	245	245	233	251	265	276	276	257	277	293	305	305	61	65	70	75	75	64	68	74	79	79	67	71	77	82	82	70	74	81	87	87	73	78	85	91	91																																																																																																																			
800		23.5	24.0	25.1	26.8	23.0	23.4	24.5	26.2	26.2	22.4	22.9	24.0	25.6	25.6	21.9	22.3	23.4	24.9	24.9	20.8	21.2	22.2	23.7	23.7	19.3	19.6	20.6	21.9	21.9	0.95	0.91	0.82	0.67	0.67	0.98	0.95	0.85	0.69	0.69	1.00	1.00	0.90	0.73	0.73	1.00	1.00	0.90	0.73	0.73	1.00	1.00	0.90	0.73	0.73	1.00	1.00	0.90	0.73	0.73	2.4	2.4	2.2	1.9	1.9	2.4	2.4	2.2	1.9	1.9	2.4	2.4	2.2	1.9	1.9	2.3	2.3	2.2	1.9	1.9	2.3	2.3	2.2	1.9	1.9	2.10	2.16	2.24	2.32	2.32	7.4	7.5	7.7	8.0	8.0	7.9	8.0	8.2	8.5	8.5	8.4	8.6	8.9	9.1	9.1	8.9	9.1	9.4	9.7	9.7	9.4	9.6	9.9	10.2	10.2	9.9	10.1	10.4	10.8	10.8	144	155	164	171	171	161	174	183	191	191	184	198	209	218	218	209	225	238	248	248	235	253	267	279	279	260	280	295	308	308	61	65	71	76	76	65	69	75	80	80	67	72	78	83	83	71	75	82	87	87	74	79	86	92	92	77	82	89	95	95																																																																																																																			
900		21.5	22.0	23.0	24.5	20.6	21.0	22.0	23.5	23.5	20.1	20.5	21.5	22.9	22.9	19.6	20.0	20.9	22.3	22.3	18.6	19.0	19.9	21.2	21.2	17.3	17.6	18.4	19.7	19.7	0.87	0.84	0.76	0.61	0.61	0.90	0.87	0.78	0.64	0.64	0.92	0.89	0.80	0.65	0.65	0.95	0.92	0.83	0.67	0.67	0.99	0.95	0.86	0.70	0.70	1.00	1.00	0.90	0.73	0.73	1.00	1.00	0.90	0.73	0.73	1.00	1.00	0.90	0.73	0.73	2.4	2.4	2.2	1.9	1.9	2.4	2.4	2.2	1.9	1.9	2.4	2.4	2.2	1.9	1.9	2.3	2.3	2.2	1.9	1.9	2.3	2.3	2.2	1.9	1.9	2.10	2.16	2.24	2.32	2.32	7.1	7.3	7.5	7.7	7.7	7.6	7.8	8.0	8.2	8.2	8.2	8.3	8.6	8.8	8.8	8.6	8.8	9.1	9.4	9.4	9.1	9.3	9.6	9.9	9.9	9.6	9.8	10.1	10.4	10.4	138	149	157	164	164	155	167	176	184	184	176	190	200	209	209	201	216	228	238	238	226	243	257	268	268	250	269	284	296	296	59	63	68	73	73	62	66	72	77	77	65	69	75	80	80	68	72	79	84	84	71	76	83	88	88	74	78	85	91	91																																																																																																									

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)
 Design Subcooling ± 3 °F @ the liquid service valve, ARI 95 test conditions

IDB		OUTDOOR AMBIENT TEMPERATURE																											
		65				75				85				95				105				115							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
		ENTERING INDOOR WET BULB TEMPERATURE																											
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	59	63	67	71
831	MBh	25.1	26.0	28.5	-	23.9	24.8	27.2	-	23.4	24.2	26.5	-	22.2	23.0	25.2	-	20.6	21.3	23.3	-	20.6	21.3	23.3	-				
	S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.77	0.64	0.44	-	0.77	0.64	0.44	-				
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	17	15	11	-				
	kW	1.90	1.94	1.99	-	2.04	2.08	2.14	-	2.16	2.20	2.27	-	2.36	2.41	2.48	-	2.44	2.49	2.57	-	2.44	2.49	2.57	-				
	Amps	7.0	7.1	7.4	-	7.5	7.7	7.9	-	8.1	8.3	8.5	-	9.1	9.3	9.6	-	9.6	9.9	10.2	-	9.6	9.9	10.2	-				
950	HI PR	147	158	167	-	165	178	188	-	188	202	213	-	214	230	243	-	240	259	273	-	266	286	302	-				
	LO PR	58	61	67	-	61	65	71	-	63	67	74	-	67	71	77	-	70	74	81	-	72	77	84	-				
	MBh	27.2	28.2	30.9	-	26.6	27.5	30.2	-	25.9	26.9	29.5	-	25.3	26.2	28.7	-	24.0	24.9	27.3	-	22.3	23.1	25.3	-				
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-				
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-				
1069	kW	1.94	1.98	2.04	-	2.08	2.13	2.19	-	2.21	2.26	2.33	-	2.32	2.37	2.44	-	2.41	2.47	2.55	-	2.50	2.55	2.63	-				
	Amps	7.2	7.3	7.6	-	7.7	7.9	8.1	-	8.3	8.5	8.8	-	8.9	9.1	9.3	-	9.4	9.6	9.9	-	9.9	10.1	10.5	-				
	HI PR	152	163	172	-	170	183	193	-	193	208	220	-	220	237	250	-	248	267	282	-	274	295	311	-				
	LO PR	60	63	69	-	63	67	73	-	65	70	76	-	69	73	80	-	72	77	84	-	74	79	86	-				
	MBh	28.0	29.0	31.8	-	27.4	28.4	31.1	-	26.7	27.7	30.3	-	26.1	27.0	29.6	-	24.8	25.7	28.1	-	22.9	23.8	26.1	-				
70	S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-				
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-				
	kW	1.96	2.00	2.06	-	2.10	2.14	2.21	-	2.23	2.27	2.34	-	2.34	2.39	2.46	-	2.43	2.49	2.57	-	2.52	2.57	2.65	-				
	Amps	7.2	7.4	7.6	-	7.8	7.9	8.2	-	8.4	8.6	8.8	-	8.9	9.1	9.4	-	9.5	9.7	10.0	-	10.0	10.2	10.5	-				
	HI PR	153	165	174	-	172	185	195	-	195	210	222	-	223	239	253	-	250	269	285	-	277	298	314	-				
LO PR	60	64	70	-	64	68	74	-	66	70	77	-	69	74	81	-	73	77	84	-	75	80	87	-					

IDB		OUTDOOR AMBIENT TEMPERATURE																											
		65				75				85				95				105				115							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
		ENTERING INDOOR WET BULB TEMPERATURE																											
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	59	63	67	71
831	MBh	25.5	26.3	28.5	30.5	24.9	25.7	27.8	29.8	24.4	25.1	27.1	29.1	23.8	24.5	26.5	28.4	22.6	23.2	25.2	27.0	20.9	21.5	23.3	25.0				
	S/T	0.76	0.68	0.51	0.33	0.79	0.70	0.53	0.34	0.81	0.72	0.55	0.36	0.83	0.74	0.56	0.36	0.86	0.77	0.59	0.38	0.87	0.78	0.59	0.38				
	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	1.91	1.95	2.01	2.07	2.05	2.09	2.16	2.23	2.17	2.22	2.29	2.36	2.28	2.33	2.41	2.48	2.38	2.43	2.50	2.58	2.46	2.51	2.59	2.67				
	Amps	7.1	7.2	7.4	7.7	7.6	7.7	8.0	8.3	8.2	8.4	8.6	8.9	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.1	9.7	10.0	10.3	10.6				
950	HI PR	149	160	169	176	167	179	189	198	190	204	215	225	216	232	245	256	243	261	276	288	268	289	305	318				
	LO PR	58	62	68	72	62	66	72	76	64	68	74	79	67	72	78	83	71	75	82	87	73	78	85	90				
	MBh	27.7	28.5	30.8	33.1	27.0	27.8	30.1	32.3	26.4	27.2	29.4	31.6	25.7	26.5	28.7	30.8	24.5	25.2	27.3	29.2	22.7	23.3	25.2	27.1				
	S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39				
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10				
1069	kW	1.96	2.00	2.06	2.12	2.10	2.14	2.21	2.28	2.23	2.27	2.35	2.42	2.34	2.39	2.46	2.54	2.43	2.49	2.57	2.65	2.52	2.57	2.65	2.74				
	Amps	7.2	7.4	7.6	7.9	7.8	7.9	8.2	8.5	8.4	8.6	8.8	9.2	8.9	9.1	9.4	9.8	9.5	9.7	10.0	10.3	10.0	10.2	10.6	10.9				
	HI PR	153	165	174	182	172	185	195	204	195	210	222	232	223	240	253	264	250	269	285	297	277	298	314	328				
	LO PR	60	64	70	74	64	68	74	79	66	70	77	82	69	74	81	86	73	77	84	90	75	80	87	93				
	MBh	28.5	29.3	31.8	34.1	27.8	28.7	31.0	33.3	27.2	28.0	30.3	32.5	26.5	27.3	29.5	31.7	25.2	25.9	28.1	30.1	23.3	24.0	26.0	27.9				
75	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41				
	ΔT	20	19	15	11	20	19	15	11	21	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10				
	kW	1.97	2.01	2.07	2.14	2.12	2.16	2.23	2.30	2.24	2.29	2.36	2.44	2.36	2.41	2.48	2.57	2.45	2.51	2.59	2.67	2.54	2.59	2.68	2.76				
	Amps	7.3	7.5	7.7	7.9	7.8	8.0	8.3	8.5	8.5	8.7	8.9	9.2	9.0	9.2	9.5	9.8	9.5	9.8	10.1	10.4	10.1	10.3	10.6	11.0				
	HI PR	155	166	176	183	174	187	197	206	197	212	224	234	225	242	255	266	253	272	287	300	279	301	318	331				
LO PR	61	65	71	75	64	68	75	79	67	71	77	83	70	75	81	87	73	78	85	91	76	81	88	94					

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE															
		65				75				85				95				105				115							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
80	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	59	63	67	71
	MBh	26.0	26.6	28.4	30.3	25.4	25.9	27.7	29.6	24.8	25.3	27.1	28.9	24.2	24.7	26.4	28.2	23.0	23.5	25.1	26.8	21.3	21.7	23.2	24.8				
	S/T	0.83	0.78	0.64	0.5	0.86	0.81	0.66	0.49	0.88	0.83	0.68	0.5	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.5	0.96	0.90	0.73	0.55				
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15				
	kW	1.93	1.97	2.02	2.1	2.07	2.11	2.17	2.24	2.19	2.24	2.31	2.4	2.30	2.35	2.42	2.50	2.39	2.45	2.52	2.6	2.48	2.53	2.61	2.70				
	Amps	7.1	7.3	7.5	7.7	7.6	7.8	8.0	8.3	8.2	8.4	8.7	9.0	8.8	9.0	9.3	9.6	9.3	9.5	9.8	10.2	9.8	10.0	10.4	10.7				
	HI PR	150	161	171	177.8	168	181	191	200	191	206	218	227.0	218	235	248	258	245	264	279	290.8	271	292	308	321				
	LO PR	59	63	68	72.9	62	66	72	77	65	69	75	80.1	68	72	79	84	71	76	83	88.1	74	78	86	91				
	MBh	28.2	28.8	30.7	32.9	27.5	28.1	30.0	32.1	26.9	27.4	29.3	31.3	26.2	26.8	28.6	30.6	24.9	25.4	27.2	29.0	23.1	23.6	25.2	26.9				
	S/T	0.86	0.81	0.66	0.5	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.5	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.6	0.99	0.93	0.76	0.57				
ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15					
kW	1.97	2.01	2.07	2.1	2.12	2.16	2.23	2.30	2.25	2.29	2.36	2.4	2.36	2.41	2.49	2.57	2.45	2.51	2.59	2.7	2.54	2.59	2.68	2.76					
Amps	7.3	7.5	7.7	7.9	7.8	8.0	8.3	8.5	8.5	8.7	8.9	9.2	9.0	9.2	9.5	9.8	9.5	9.8	10.1	10.4	10.1	10.3	10.6	11.0					
HI PR	155	166	176	183.3	174	187	197	206	197	212	224	234.0	225	242	256	266	253	272	287	299.8	279	301	318	331					
LO PR	61	65	71	75.2	64	68	75	79	67	71	77	82.5	70	75	81	87	73	78	85	90.9	76	81	88	94					
MBh	29.0	29.6	31.7	33.9	28.3	29.0	30.9	33.1	27.7	28.3	30.2	32.3	27.0	27.6	29.5	31.5	25.6	26.2	28.0	29.9	23.7	24.3	25.9	27.7					
S/T	0.91	0.85	0.69	0.5	0.94	0.88	0.72	0.54	0.96	0.90	0.73	0.5	1.00	0.93	0.76	0.57	1.00	0.92	0.79	0.6	1.00	1.00	0.79	0.59					
ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	21	19	15	20	21	18	14					
kW	1.99	2.03	2.09	2.2	2.13	2.18	2.24	2.32	2.26	2.31	2.38	2.5	2.38	2.43	2.51	2.59	2.47	2.53	2.61	2.7	2.56	2.61	2.70	2.79					
Amps	7.4	7.5	7.7	8.0	7.9	8.1	8.3	8.6	8.5	8.7	9.0	9.3	9.1	9.3	9.6	9.9	9.6	9.9	10.2	10.5	10.2	10.4	10.7	11.1					
HI PR	156	168	178	185.2	175	189	199	208	199	215	227	236.3	227	244	258	269	255	275	290	302.8	282	304	321	335					
LO PR	61	65	71	75.9	65	69	75	80	67	72	78	83.4	71	75	82	88	74	79	86	91.8	77	82	89	95					
85	MBh	26.4	27.0	28.2	30.1	25.8	26.3	27.6	29.4	25.2	25.7	26.9	28.7	24.6	25.1	26.3	28.0	23.4	23.8	25.0	26.6	21.7	22.1	23.1	24.7				
	S/T	0.87	0.84	0.76	0.62	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.96	0.87	0.70	1.00	0.97	0.87	0.71				
	ΔT	26	25	24	21	26	25	24	21	26	25	24	21	26	26	24	21	26	25	24	21	24	24	22	19				
	kW	1.94	1.98	2.04	2.10	2.08	2.13	2.19	2.26	2.21	2.26	2.33	2.40	2.32	2.37	2.44	2.52	2.41	2.47	2.54	2.63	2.50	2.55	2.63	2.72				
	Amps	7.2	7.3	7.5	7.8	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.1	8.8	9.1	9.3	9.7	9.4	9.6	9.9	10.3	9.9	10.1	10.5	10.8				
	HI PR	152	163	172	180	170	183	193	202	193	208	220	229	220	237	250	261	248	267	282	294	274	295	311	325				
	LO PR	60	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92				
	MBh	28.7	29.2	30.6	32.6	28.0	28.5	29.9	31.9	27.3	27.9	29.2	31.1	26.7	27.2	28.5	30.4	25.3	25.8	27.0	28.8	23.5	23.9	25.0	26.7				
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.90	0.73				
	ΔT	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	25	25	23	20	23	23	22	19				
kW	1.99	2.03	2.09	2.15	2.13	2.18	2.24	2.32	2.26	2.31	2.38	2.46	2.38	2.43	2.51	2.59	2.47	2.53	2.61	2.69	2.56	2.61	2.70	2.79					
Amps	7.4	7.5	7.7	8.0	7.9	8.1	8.3	8.6	8.5	8.7	9.0	9.3	9.1	9.3	9.6	9.9	9.6	9.9	10.2	10.5	10.2	10.4	10.7	11.1					
HI PR	156	168	178	185	175	189	199	208	199	215	227	236	227	244	258	269	255	275	290	303	282	304	321	335					
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					
MBh	29.5	30.1	31.5	33.6	28.8	29.4	30.8	32.8	28.1	28.7	30.0	32.1	27.5	28.0	29.3	31.3	26.1	26.6	27.8	29.7	24.2	24.6	25.8	27.5					
S/T	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77					
ΔT	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	22	23	23	20	21	21	21	18					
kW	2.00	2.04	2.10	2.17	2.15	2.19	2.26	2.33	2.28	2.33	2.40	2.48	2.40	2.45	2.53	2.61	2.49	2.55	2.63	2.72	2.58	2.64	2.72	2.81					
Amps	7.4	7.6	7.8	8.1	8.0	8.1	8.4	8.7	8.6	8.8	9.1	9.4	9.2	9.4	9.7	10.0	9.7	9.9	10.3	10.6	10.3	10.5	10.8	11.2					
HI PR	158	170	179	187	177	191	201	210	201	217	229	239	229	247	261	272	258	278	293	306	285	307	324	338					
LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	89	96					

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects AHRI conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

IDB		OUTDOOR AMBIENT TEMPERATURE																																															
		65								75								85								95								105								115							
		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	59	63	67	71	59	63	67	71														
70	963	MBh	30.0	31.1	34.1	-	29.3	30.4	33.3	-	28.6	29.7	32.5	-	27.9	29.0	31.7	-	26.5	27.5	30.1	-	25.5	27.5	30.1	-	24.6	25.5	27.9	-	24.6	25.5	27.9	-															
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-	0.77	0.64	0.45	-	0.77	0.64	0.45	-															
		ΔT	19	17	13	-	19	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-	18	16	12	-															
		kW	2.31	2.36	2.43	-	2.48	2.53	2.61	-	2.63	2.68	2.77	-	2.76	2.82	2.91	-	2.87	2.93	3.03	-	2.97	3.03	3.13	-	2.97	3.03	3.13	-	2.97	3.03	3.13	-															
		Amps	8.8	9.0	9.3	-	9.5	9.7	10.0	-	10.3	10.5	10.8	-	10.9	11.2	11.6	-	11.6	11.9	12.3	-	12.3	12.6	13.0	-	12.3	12.6	13.0	-	12.3	12.6	13.0	-															
	1100	HI PR	141	152	160	-	158	170	180	-	180	194	205	-	205	221	233	-	231	248	262	-	255	274	290	-	255	274	290	-	255	274	290	-	255	274	290	-											
		LO PR	59	62	68	-	62	66	72	-	64	69	75	-	68	72	79	-	71	75	82	-	73	78	85	-	73	78	85	-	73	78	85	-															
		MBh	32.5	33.7	36.9	-	31.8	32.9	36.1	-	31.0	32.2	35.2	-	30.3	31.4	34.4	-	28.8	29.8	32.7	-	26.6	27.6	30.2	-	26.6	27.6	30.2	-	26.6	27.6	30.2	-															
		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	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-															
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	11	-	18	15	11	-	18	15	11	-															
1238	kW	2.37	2.42	2.49	-	2.54	2.59	2.67	-	2.69	2.75	2.84	-	2.83	2.89	2.98	-	2.94	3.01	3.10	-	3.04	3.11	3.21	-	3.04	3.11	3.21	-	3.04	3.11	3.21	-																
	Amps	9.0	9.2	9.5	-	9.7	10.0	10.3	-	10.5	10.8	11.1	-	11.2	11.5	11.9	-	11.9	12.2	12.6	-	12.6	12.9	13.4	-	12.6	12.9	13.4	-	12.6	12.9	13.4	-																
	HI PR	146	157	165	-	163	176	186	-	186	200	211	-	212	228	240	-	238	256	270	-	263	283	299	-	263	283	299	-	263	283	299	-																
	LO PR	60	64	70	-	64	68	74	-	66	71	77	-	70	74	81	-	73	78	85	-	76	80	88	-	76	80	88	-	76	80	88	-																
	MBh	33.5	34.7	38.1	-	32.7	33.9	37.2	-	32.0	33.1	36.3	-	31.2	32.3	35.4	-	29.6	30.7	33.6	-	27.4	28.4	31.2	-	27.4	28.4	31.2	-	27.4	28.4	31.2	-																

IDB		OUTDOOR AMBIENT TEMPERATURE																																															
		65								75								85								95								105								115							
		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	59	63	67	71	59	63	67	71														
75	963	MBh	30.5	31.4	34.0	36.5	29.8	30.7	33.2	35.7	29.1	30.0	32.5	34.8	28.4	29.3	31.7	34.0	27.0	27.8	30.1	32.3	25.0	25.7	27.9	29.9	25.0	25.7	27.9	29.9	25.0	25.7	27.9	29.9															
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.54	0.34	0.81	0.73	0.55	0.37	0.84	0.75	0.57	0.38	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38	0.88	0.78	0.59	0.38	0.88	0.78	0.59	0.38															
		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	21	19	16	11	21	19	16	11															
		kW	2.33	2.38	2.45	2.52	2.50	2.55	2.63	2.71	2.65	2.71	2.79	2.88	2.78	2.84	2.93	3.03	2.90	2.96	3.05	3.15	2.99	3.06	3.16	3.26	2.99	3.06	3.16	3.26	2.99	3.06	3.16	3.26															
		Amps	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.5	10.4	10.6	10.9	11.3	11.0	11.3	11.7	12.1	11.7	12.0	12.4	12.9	12.4	12.7	13.1	13.6	12.4	12.7	13.1	13.6	12.4	12.7	13.1	13.6															
	1100	HI PR	143	153	162	169	160	172	182	190	182	196	207	216	207	223	236	246	233	251	265	276	258	277	293	305	258	277	293	305	258	277	293	305															
		LO PR	59	63	69	73	63	67	73	77	65	69	76	81	68	73	79	85	72	76	83	89	74	79	86	92	74	79	86	92	74	79	86	92															
		MBh	33.1	34.1	36.9	39.6	32.3	33.3	36.0	38.7	31.5	32.5	35.2	37.7	30.8	31.7	34.3	36.8	29.2	30.1	32.6	35.0	27.1	27.9	30.2	32.4	27.1	27.9	30.2	32.4	27.1	27.9	30.2	32.4															
		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	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40	0.91	0.81	0.62	0.40	0.91	0.81	0.62	0.40															
		ΔT	22	20	17	11	22	20	17	12	22	20	17	12	22	20	17	12	22	20	17	11	21	19	16	11	21	19	16	11	21	19	16	11															
1238	kW	2.39	2.43	2.51	2.58	2.56	2.61	2.69	2.78	2.72	2.77	2.86	2.95	2.85	2.91	3.00	3.10	2.97	3.03	3.13	3.23	3.07	3.13	3.24	3.34	3.07	3.13	3.24	3.34	3.07	3.13	3.24	3.34																
	Amps	9.1	9.3	9.6	10.0	9.8	10.1	10.4	10.7	10.6	10.9	11.2	11.6	11.3	11.6	12.0	12.4	12.1	12.3	12.7	13.2	12.7	13.1	13.5	14.0	12.7	13.1	13.5	14.0	12.7	13.1	13.5	14.0																
	HI PR	147	158	167	174	165	178	187	196	188	202	213	222	214	230	243	253	240	259	273	285	266	286	302	315	266	286	302	315	266	286	302	315																
	LO PR	61	65	71	76	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	95	76	81	89	95	76	81	89	95																
	MBh	34.1	35.1	38.0	40.8	33.3	34.3	37.1	39.8	32.5	33.5	36.2	38.9	31.7	32.6	35.3	37.9	30.1	31.0	33.6	36.0	27.9	28.7	31.1	33.4	27.9	28.7	31.1	33.4	27.9	28.7	31.1	33.4																

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

IDB		OUTDOOR AMBIENT TEMPERATURE																																		
		65					75					85					95					105					115									
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75					
		ENTERING INDOOR WET BULB TEMPERATURE																																		
AIRFLOW		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
963	MBh	31.1	31.8	33.9	36.3	30.4	31.0	33.1	35.4	29.6	30.3	32.4	34.6	28.9	29.5	31.6	33.7	35.9	38.1	40.3	27.5	28.1	30.0	32.1	25.4	26.0	27.8	29.7	31.6							
	S/T	0.84	0.79	0.64	0.5	0.87	0.81	0.66	0.50	0.89	0.83	0.68	0.5	0.92	0.86	0.70	0.52	0.35	0.19	0.03	0.95	0.89	0.73	0.5	0.96	0.90	0.73	0.55	0.38							
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	15	12	9	25	24	21	17	23	22	19	16	13							
	KW	2.35	2.40	2.47	2.5	2.52	2.57	2.65	2.73	2.81	2.9	2.81	2.87	2.94	3.03	3.13	3.23	3.33	3.43	3.53	2.92	2.98	3.08	3.2	3.02	3.08	3.18	3.29	3.4							
	Amps	9.0	9.2	9.5	9.8	9.7	9.9	10.2	10.6	11.0	11.4	11.1	11.4	11.8	12.2	12.5	12.9	13.3	13.7	14.1	11.8	12.1	12.5	13.0	12.5	12.8	13.2	13.7	14.2							
1100	HI PR	144	155	164	170.7	162	174	184	192	184	198	209	217.9	209	225	238	248	256	264	272	236	253	268	279.2	260	280	296	308	320							
	LO PR	60	64	70	74.1	63	67	73	78	66	70	76	81.3	69	73	80	85	88	92	96	72	77	84	89.5	75	80	87	93	99							
	MBh	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.1	37.5	31.3	32.0	34.2	36.6	39.0	41.4	29.8	30.4	32.5	34.7	27.6	28.2	30.1	32.2	34.3								
	S/T	0.87	0.81	0.66	0.5	0.90	0.84	0.69	0.51	0.92	0.87	0.70	0.5	0.95	0.89	0.73	0.54	0.37	0.21	0.05	0.99	0.93	0.75	0.6	1.00	0.93	0.76	0.57	0.4							
	ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	15	12	9	25	24	20	16	23	22	19	15	12							
1238	KW	2.40	2.45	2.53	2.6	2.58	2.63	2.72	2.80	2.74	2.79	2.88	3.0	2.87	2.94	3.03	3.13	3.23	3.33	3.43	2.99	3.06	3.15	3.3	3.09	3.16	3.26	3.37	3.48							
	Amps	9.2	9.4	9.7	10.1	9.9	10.1	10.5	10.8	10.7	11.0	11.3	11.8	11.4	11.7	12.1	12.5	12.9	13.3	13.7	12.2	12.5	12.9	13.3	12.9	13.2	13.6	14.1	14.6							
	HI PR	149	160	169	176.0	167	179	189	198	190	204	215	224.6	216	232	245	256	264	272	280	243	261	276	287.8	268	289	305	318	330							
	LO PR	62	66	72	76.4	65	69	76	81	68	72	79	83.8	71	76	83	88	92	96	100	75	79	87	92.3	77	82	90	95	100							
	MBh	34.7	35.4	37.9	40.5	33.9	34.6	37.0	39.5	33.1	33.8	36.1	38.6	32.3	33.0	35.2	37.7	40.1	42.5	30.7	31.3	33.5	35.8	28.4	29.0	31.0	33.1	35.2								
963	S/T	0.91	0.85	0.69	0.5	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.6	1.00	0.94	0.76	0.57	0.4	0.24	0.08	1.00	1.00	0.79	0.6	1.00	1.00	0.80	0.60	0.43							
	ΔT	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	14	11	8	23	23	20	16	21	22	18	15	12							
	KW	2.42	2.47	2.55	2.6	2.60	2.65	2.74	2.82	2.76	2.82	2.90	3.0	2.90	2.96	3.05	3.15	3.25	3.35	3.45	3.02	3.08	3.18	3.3	3.12	3.19	3.29	3.40	3.51							
	Amps	9.3	9.5	9.8	10.1	10.0	10.2	10.6	10.9	10.8	11.1	11.4	11.9	11.6	11.8	12.2	12.7	13.1	13.5	13.9	12.3	12.6	13.0	13.5	13.0	13.3	13.7	14.2	14.7							
	HI PR	150	161	170	177.8	168	181	191	199	191	206	218	226.9	218	235	248	258	266	274	282	245	264	279	290.7	271	292	308	321	333							
1238	LO PR	62	66	72	77.1	66	70	77	81	68	73	80	84.7	72	77	84	89	92	96	100	75	80	88	93.2	78	83	91	96	100							
	MBh	34.3	34.9	36.6	39.0	33.5	34.1	35.7	38.1	32.7	33.3	34.9	37.2	31.9	32.5	34.0	36.3	38.7	41.1	30.3	30.9	32.3	34.5	28.0	28.6	29.9	31.9	33.9								
	S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	0.54	0.38	0.08	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74	0.57							
	ΔT	26	26	24	21	26	26	25	21	26	26	25	21	27	26	25	21	19	16	13	25	26	24	21	23	24	23	20	17							
	KW	2.42	2.47	2.55	2.62	2.60	2.65	2.74	2.82	2.76	2.82	2.90	3.00	2.90	2.96	3.05	3.15	3.25	3.35	3.45	3.02	3.08	3.18	3.28	3.12	3.19	3.29	3.40	3.51							
963	Amps	9.3	9.5	9.8	10.1	10.0	10.2	10.6	10.9	10.8	11.1	11.4	11.9	11.6	11.8	12.2	12.7	13.1	13.5	13.9	12.3	12.6	13.0	13.5	13.0	13.3	13.7	14.2	14.7							
	HI PR	145	157	165	172	163	176	186	194	186	200	211	220	211	228	240	251	259	267	275	238	256	270	282	263	283	299	312	325							
	LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	91	96	100	73	78	85	90	76	80	88	94	100							
	MBh	34.3	34.9	36.6	39.0	33.5	34.1	35.7	38.1	32.7	33.3	34.9	37.2	31.9	32.5	34.0	36.3	38.7	41.1	30.3	30.9	32.3	34.5	28.0	28.6	29.9	31.9	33.9								
	S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	0.54	0.38	0.08	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74	0.57							
1100	ΔT	26	26	24	21	26	26	25	21	26	26	25	21	27	26	25	21	19	16	13	25	26	24	21	23	24	23	20	17							
	KW	2.42	2.47	2.55	2.62	2.60	2.65	2.74	2.82	2.76	2.82	2.90	3.00	2.90	2.96	3.05	3.15	3.25	3.35	3.45	3.02	3.08	3.18	3.28	3.12	3.19	3.29	3.40	3.51							
	Amps	9.3	9.5	9.8	10.1	10.0	10.2	10.6	10.9	10.8	11.1	11.4	11.9	11.6	11.8	12.2	12.7	13.1	13.5	13.9	12.3	12.6	13.0	13.5	13.0	13.3	13.7	14.2	14.7							
	HI PR	150	161	170	178	168	181	191	199	191	206	218	227	218	235	248	258	266	274	282	245	264	279	291	271	292	308	321	333							
	LO PR	62	66	72	77	66	70	77	81	68	73	80	85	72	77	84	89	92	96	100	75	80	88	93	78	83	91	96	100							
1238	MBh	35.3	36.0	37.7	40.2	34.5	35.1	36.8	39.3	33.7	34.3	35.9	38.3	32.8	33.5	35.0	37.4	39.8	42.2	31.2	31.8	33.3	35.5	28.9	29.5	30.8	32.9	34.9								
	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	0.57	0.41	0.08	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77	0.6							
	ΔT	25	25	23	20	25	25	24	20	25	25	24	20	24	24	23	19	16	13	10	23	24	23	20	21	22	22	19	16							
	KW	2.44	2.49	2.57	2.65	2.62	2.68	2.76	2.85	2.78	2.84	2.93	3.02	2.92	2.98	3.08	3.18	3.28	3.38	3.48	3.04	3.11	3.21	3.31	3.14	3.21	3.32	3.43	3.54							
	Amps	9.4	9.6	9.9	10.2	10.1	10.3	10.6	11.0	10.9	11.2	11.5	12.0	11.7	11.9	12.3	12.8	13.2	13.6	14.0	12.4	12.7	13.1	13.6	13.1	13.4	13.9	14.4	14.9							
HI PR	151	163	172	180	170	183	193	201	193	208	220	229	220	237	250	261	269	277	285	248	267	282	294	274	295	311	324	337								
LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	92	96	100	76	81	88	94	79	84	91	97	100								

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects AHRI conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

IDB		OUTDOOR AMBIENT TEMPERATURE																											
		65				75				85				95				105				115							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
		ENTERING INDOOR WET BULB TEMPERATURE																											
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	59	63	67	71
70	MBh	35.6	36.9	40.4	-	34.8	36.0	39.5	-	33.9	35.2	38.5	-	33.1	34.3	37.6	-	31.4	32.6	35.7	-	29.1	30.2	33.1	-				
	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	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-				
	kW	2.12	2.17	2.25	-	2.31	2.37	2.46	-	2.48	2.54	2.64	-	2.63	2.70	2.80	-	2.76	2.83	2.93	-	2.87	2.94	3.05	-				
	Amps	8.1	8.2	8.5	-	8.6	8.8	9.1	-	9.3	9.5	9.8	-	9.9	10.1	10.4	-	10.5	10.7	11.1	-	11.1	11.3	11.7	-				
	HI PR	126	136	143	-	141	152	161	-	161	173	183	-	183	197	208	-	206	222	234	-	228	245	259	-				
LO PR	60	64	69	-	63	67	73	-	66	70	76	-	69	73	80	-	72	77	84	-	75	80	87	-					
1400	MBh	38.6	40.0	43.8	-	37.7	39.0	42.8	-	36.8	38.1	41.7	-	35.9	37.2	40.7	-	34.1	35.3	38.7	-	31.6	32.7	35.8	-				
	S/T	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.66	0.45	-	0.81	0.68	0.47	-	0.82	0.69	0.48	-				
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-				
	kW	2.18	2.23	2.32	-	2.38	2.44	2.53	-	2.55	2.62	2.71	-	2.71	2.78	2.88	-	2.84	2.91	3.02	-	2.95	3.03	3.14	-				
	Amps	8.3	8.4	8.7	-	8.9	9.1	9.3	-	9.6	9.8	10.1	-	10.2	10.4	10.7	-	10.8	11.0	11.4	-	11.4	11.6	12.0	-				
	HI PR	130	140	148	-	146	157	166	-	166	179	189	-	189	203	215	-	213	229	242	-	235	253	267	-				
LO PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	75	79	87	-	77	82	90	-					
1575	MBh	39.7	41.2	45.1	-	38.8	40.2	44.0	-	37.9	39.2	43.0	-	36.9	38.3	42.0	-	35.1	36.4	39.9	-	32.5	33.7	36.9	-				
	S/T	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	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	11	-	16	14	11	-				
	kW	2.20	2.26	2.34	-	2.40	2.46	2.55	-	2.58	2.64	2.74	-	2.73	2.80	2.91	-	2.86	2.94	3.05	-	2.98	3.05	3.17	-				
	Amps	8.3	8.5	8.8	-	8.9	9.1	9.4	-	9.6	9.9	10.2	-	10.2	10.5	10.8	-	10.9	11.1	11.5	-	11.5	11.7	12.1	-				
	HI PR	131	141	149	-	147	159	167	-	168	180	190	-	191	205	217	-	215	231	244	-	237	255	270	-				
LO PR	62	66	72	-	66	70	76	-	68	73	79	-	72	76	83	-	75	80	87	-	78	83	90	-					

IDB		OUTDOOR AMBIENT TEMPERATURE																											
		65				75				85				95				105				115							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
		ENTERING INDOOR WET BULB TEMPERATURE																											
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	59	63	67	71
75	MBh	36.2	37.3	40.3	43.3	35.3	36.4	39.4	42.3	34.5	35.5	38.5	41.3	33.7	34.7	37.5	40.3	32.0	32.9	35.6	38.3	29.6	30.5	33.0	35.4				
	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	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39				
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10				
	kW	2.14	2.19	2.27	2.36	2.33	2.39	2.48	2.57	2.50	2.57	2.66	2.76	2.65	2.72	2.82	2.93	2.78	2.85	2.96	3.07	2.89	2.97	3.08	3.20				
	Amps	8.1	8.3	8.5	8.8	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.2	10.0	10.2	10.5	10.9	10.6	10.8	11.2	11.6	11.2	11.4	11.8	12.2				
	HI PR	127	137	145	151	143	154	162	169	163	175	185	193	185	199	210	219	208	224	237	247	230	248	262	273				
LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	93					
1400	MBh	39.2	40.4	43.7	46.9	38.3	39.4	42.7	45.8	37.4	38.5	41.7	44.7	36.5	37.6	40.6	43.6	34.6	35.7	38.6	41.4	32.1	33.0	35.8	38.4				
	S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.59	0.38	0.89	0.80	0.60	0.39	0.93	0.83	0.63	0.40	0.93	0.84	0.63	0.41				
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10				
	kW	2.20	2.26	2.34	2.43	2.40	2.46	2.55	2.65	2.58	2.64	2.74	2.85	2.73	2.80	2.91	3.02	2.86	2.94	3.05	3.16	2.98	3.05	3.17	3.29				
	Amps	8.3	8.5	8.8	9.1	8.9	9.1	9.4	9.7	9.6	9.9	10.2	10.5	10.3	10.5	10.8	11.2	10.9	11.1	11.5	11.9	11.5	11.7	12.1	12.5				
	HI PR	131	141	149	156	147	159	167	175	168	180	190	199	191	205	217	226	215	231	244	255	237	255	270	281				
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					
1575	MBh	40.4	41.6	45.0	48.3	39.4	40.6	44.0	47.2	38.5	39.6	42.9	46.1	37.6	38.7	41.9	44.9	35.7	36.7	39.8	42.7	33.1	34.0	36.8	39.5				
	S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.66	0.43				
	ΔT	20	19	15	10	20	19	15	11	20	19	15	11	21	19	15	11	20	19	15	11	19	17	14	10				
	kW	2.22	2.28	2.36	2.45	2.42	2.48	2.58	2.67	2.60	2.67	2.77	2.87	2.76	2.83	2.93	3.05	2.89	2.97	3.08	3.19	3.01	3.08	3.20	3.32				
	Amps	8.4	8.6	8.8	9.1	9.0	9.2	9.5	9.8	9.7	9.9	10.2	10.6	10.3	10.6	10.9	11.3	11.0	11.2	11.6	12.0	11.6	11.8	12.2	12.6				
	HI PR	133	143	151	157	149	160	169	176	169	182	192	201	193	207	219	228	217	233	246	257	240	258	272	284				
LO PR	63	67	73	78	66	71	77	82	69	74	80	85	73	77	84	90	76	81	88	94	79	84	91	97					

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																		
		65						75						85						95						105						115																																																																																																																																																
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79																																																																																																																																											
1225	MBh	36.8	37.6	40.2	43.0	36.0	36.8	39.3	42.0	35.1	35.9	38.3	41.0	34.3	35.0	37.4	40.0	32.6	33.3	35.5	38.0	30.2	30.8	32.9	35.2	S/T	0.86	0.81	0.66	0.5	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.5	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.6	0.99	0.93	0.75	0.56	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	24	23	20	16	22	21	19	15	kW	2.16	2.21	2.30	2.4	2.36	2.41	2.50	2.60	2.53	2.59	2.69	2.8	2.68	2.75	2.85	2.96	2.81	2.88	2.99	3.1	2.92	3.00	3.11	3.23	Amps	8.2	8.4	8.6	8.9	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.3	10.1	10.3	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.5	11.9	12.3	HI PR	129	138	146	152.5	144	155	164	171	164	177	187	194.6	187	201	213	222	210	226	239	249.4	232	250	264	276	LO PR	61	65	71	75.5	64	69	75	80	67	71	78	82.9	70	75	82	87	74	78	86	91.3	76	81	89	94
80	MBh	39.9	40.8	43.6	46.6	39.0	39.8	42.6	45.5	38.0	38.9	41.5	44.4	37.1	37.9	40.5	43.3	35.3	36.0	38.5	41.2	32.7	33.4	35.7	38.1	S/T	0.89	0.84	0.68	0.5	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.5	0.98	0.92	0.75	0.56	1.00	0.95	0.78	0.6	1.00	0.96	0.78	0.58	ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	21	21	18	15	kW	2.22	2.28	2.36	2.5	2.42	2.48	2.58	2.67	2.60	2.67	2.77	2.9	2.76	2.83	2.94	3.05	2.89	2.97	3.08	3.2	3.01	3.08	3.20	3.32	Amps	8.4	8.6	8.8	9.1	9.0	9.2	9.5	9.8	9.7	9.9	10.2	10.6	10.3	10.6	10.9	11.3	11.0	11.2	11.6	12.0	11.6	11.8	12.2	12.6	HI PR	133	143	151	157.2	149	160	169	176	169	182	192	200.6	193	207	219	229	217	233	246	257.1	240	258	272	284	LO PR	63	67	73	77.8	66	71	77	82	69	74	80	85.5	73	77	84	90	76	81	88	94.1	79	84	91	97	
	MBh	41.1	42.0	44.9	48.0	40.1	41.0	43.8	46.9	39.2	40.0	42.8	45.7	38.2	39.1	41.7	44.6	36.3	37.1	39.7	42.4	33.6	34.4	36.7	39.3	S/T	0.94	0.88	0.71	0.5	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.6	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.6	1.00	1.00	0.82	0.61	ΔT	22	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	18	14	kW	2.24	2.30	2.38	2.5	2.45	2.51	2.60	2.70	2.63	2.69	2.79	2.9	2.79	2.86	2.96	3.08	2.92	2.99	3.11	3.2	3.04	3.11	3.23	3.35	Amps	8.5	8.6	8.9	9.2	9.1	9.3	9.6	9.9	9.8	10.0	10.3	10.7	10.4	10.7	11.0	11.4	11.0	11.3	11.7	12.1	11.7	11.9	12.3	12.7	HI PR	134	144	152	158.8	150	162	171	178	171	184	194	202.6	195	210	221	231	219	236	249	259.7	242	260	275	287	LO PR	64	68	74	78.6	67	71	78	83	70	74	81	86.3	73	78	85	91	77	82	89	95.0	79	85	92	98	

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																	
		65						75						85						95						105						115																																																																																																																																															
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79																																																																																																																																										
85	MBh	37.5	38.2	40.0	42.7	36.6	37.3	39.1	41.7	35.7	36.4	38.1	40.7	34.9	35.5	37.2	39.7	33.1	33.8	35.4	37.7	30.7	31.3	32.8	34.9	S/T	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73	ΔT	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	21	23	23	22	19	kW	2.18	2.23	2.32	2.40	2.38	2.44	2.53	2.62	2.55	2.62	2.71	2.82	2.71	2.77	2.88	2.99	2.84	2.91	3.02	3.13	2.95	3.02	3.14	3.26	Amps	8.3	8.4	8.7	9.0	8.9	9.1	9.3	9.6	9.6	9.8	10.1	10.4	10.2	10.4	10.7	11.1	10.8	11.0	11.4	11.8	11.4	11.6	12.0	12.4	HI PR	130	140	148	154	146	157	166	173	166	178	188	197	189	203	215	224	213	229	241	252	235	253	267	278	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	95
	MBh	40.6	41.4	43.3	46.2	39.7	40.4	42.3	45.2	38.7	39.5	41.3	44.1	37.8	38.5	40.3	43.0	35.9	36.6	38.3	40.9	33.2	33.9	35.5	37.9	S/T	0.94	0.90	0.81	0.66	0.97	0.94	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76	ΔT	25	25	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	24	23	20	22	22	22	19	kW	2.24	2.30	2.38	2.47	2.45	2.51	2.60	2.70	2.63	2.69	2.79	2.90	2.79	2.86	2.96	3.08	2.92	2.99	3.11	3.23	3.04	3.11	3.23	3.35	Amps	8.5	8.6	8.9	9.2	9.1	9.3	9.6	9.9	9.8	10.0	10.3	10.7	10.4	10.7	11.0	11.4	11.0	11.3	11.7	12.1	11.7	11.9	12.3	12.7	HI PR	134	144	152	159	150	162	171	178	171	184	194	203	195	210	221	231	219	236	249	260	242	260	275	287	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
	MBh	41.8	42.6	44.6	47.6	40.8	41.6	43.6	46.5	39.9	40.6	42.6	45.4	38.9	39.7	41.5	44.3	37.0	37.7	39.5	42.1	34.2	34.9	36.5	39.0	S/T	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80	ΔT	24	24	22	19	24	24	23	19	23	24	23	20	23	23	23	20	22	22	22	19	20	20	21	18	kW	2.26	2.32	2.41	2.50	2.47	2.53	2.63	2.73	2.65	2.72	2.82	2.93	2.81	2.88	2.99	3.11	2.95	3.02	3.14	3.26	3.07	3.14	3.26	3.39	Amps	8.5	8.7	9.0	9.3	9.2	9.4	9.6	10.0	9.9	10.1	10.4	10.8	10.5	10.8	11.1	11.5	11.1	11.4	11.8	12.2	11.8	12.0	12.4	12.9	HI PR	135	146	154	160	152	163	173	180	173	186	196	205	197	212	224	233	221	238	251	262	244	263	278	290	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

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects AHRI conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																							
		65						75						85						95						105						115					
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79
1400	MBh	40.8	42.3	46.3	-	-	39.9	41.3	45.3	-	-	38.9	40.3	44.2	-	-	38.0	39.3	43.1	-	-	36.1	37.4	41.0	-	-	33.4	34.6	37.9	-	-						
	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	-	-	0.78	0.66	0.45	-	-						
	ΔT	18	16	12	-	-	19	16	12	-	-	19	16	12	-	-	19	16	12	-	-	18	16	12	-	-	17	15	11	-	-						
	kW	2.46	2.52	2.62	-	-	2.69	2.75	2.86	-	-	2.88	2.96	3.07	-	-	3.06	3.14	3.26	-	-	3.21	3.29	3.41	-	-	3.34	3.42	3.55	-	-						
	Amps	9.9	10.1	10.4	-	-	10.6	10.9	11.2	-	-	11.5	11.7	12.1	-	-	12.2	12.5	12.9	-	-	13.0	13.3	13.7	-	-	13.7	14.0	14.5	-	-						
	HI PR	127	136	144	-	-	142	153	161	-	-	162	174	184	-	-	184	198	209	-	-	207	223	235	-	-	229	246	260	-	-						
	LO PR	60	63	69	-	-	63	67	73	-	-	66	70	76	-	-	69	73	80	-	-	72	77	84	-	-	75	79	87	-	-						
70	MBh	44.2	45.8	50.2	-	-	43.2	44.8	49.0	-	-	42.2	43.7	47.9	-	-	41.1	42.6	46.7	-	-	39.1	40.5	44.4	-	-	36.2	37.5	41.1	-	-						
	S/T	0.71	0.59	0.41	-	-	0.73	0.61	0.43	-	-	0.75	0.63	0.44	-	-	0.78	0.65	0.45	-	-	0.81	0.67	0.47	-	-	0.81	0.68	0.47	-	-						
	ΔT	18	16	12	-	-	18	16	12	-	-	18	16	12	-	-	18	16	12	-	-	18	16	12	-	-	17	15	11	-	-						
	kW	2.53	2.60	2.69	-	-	2.76	2.83	2.94	-	-	2.97	3.04	3.16	-	-	3.15	3.23	3.35	-	-	3.30	3.39	3.52	-	-	3.44	3.52	3.66	-	-						
	Amps	10.1	10.4	10.7	-	-	10.9	11.1	11.5	-	-	11.8	12.1	12.4	-	-	12.6	12.9	13.3	-	-	13.3	13.6	14.1	-	-	14.1	14.4	14.9	-	-						
	HI PR	131	140	148	-	-	146	158	166	-	-	167	179	189	-	-	190	204	216	-	-	213	230	243	-	-	236	254	268	-	-						
	LO PR	62	65	71	-	-	65	69	75	-	-	68	72	78	-	-	71	75	82	-	-	74	79	86	-	-	77	82	89	-	-						
1800	MBh	45.5	47.2	51.7	-	-	44.5	46.1	50.5	-	-	43.4	45.0	49.3	-	-	42.4	43.9	48.1	-	-	40.2	41.7	45.7	-	-	37.3	38.6	42.3	-	-						
	S/T	0.74	0.62	0.43	-	-	0.77	0.64	0.45	-	-	0.79	0.66	0.46	-	-	0.82	0.68	0.47	-	-	0.85	0.71	0.49	-	-	0.85	0.71	0.49	-	-						
	ΔT	17	15	11	-	-	17	15	11	-	-	18	15	12	-	-	18	15	12	-	-	17	15	11	-	-	16	14	11	-	-						
	kW	2.56	2.62	2.72	-	-	2.79	2.86	2.97	-	-	3.00	3.07	3.19	-	-	3.18	3.26	3.38	-	-	3.34	3.42	3.55	-	-	3.47	3.56	3.69	-	-						
	Amps	10.2	10.4	10.8	-	-	11.0	11.2	11.6	-	-	11.9	12.2	12.6	-	-	12.7	13.0	13.4	-	-	13.4	13.8	14.2	-	-	14.2	14.6	15.0	-	-						
	HI PR	132	142	150	-	-	148	159	168	-	-	168	181	191	-	-	192	206	218	-	-	216	232	245	-	-	238	256	271	-	-						
	LO PR	62	66	72	-	-	66	70	76	-	-	68	73	79	-	-	72	76	83	-	-	75	80	87	-	-	78	83	90	-	-						
75	MBh	41.5	42.7	46.2	49.6	-	40.5	41.7	45.2	48.9	52.5	42.9	44.1	47.8	51.3	41.8	43.1	46.6	50.0	-	-	36.7	37.8	40.9	43.9	34.0	35.0	37.9	40.6	-	-						
	S/T	0.78	0.69	0.53	0.34	-	0.81	0.72	0.55	0.35	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.58	0.38	-	-	0.88	0.79	0.60	0.39	0.89	0.80	0.60	0.39	-	-						
	ΔT	21	19	16	11	-	21	20	16	11	11	21	20	16	11	21	20	16	11	-	-	21	20	16	11	20	18	15	10	-	-						
	kW	2.48	2.55	2.64	2.74	-	2.71	2.78	2.88	2.99	3.08	3.00	3.07	3.19	3.31	3.18	3.26	3.39	3.52	-	-	3.24	3.32	3.45	3.58	3.37	3.46	3.59	3.72	-	-						
	Amps	10.0	10.2	10.5	10.9	-	10.7	11.0	11.3	11.7	12.0	11.9	12.2	12.6	13.0	12.7	13.0	13.4	13.9	-	-	13.1	13.4	13.8	14.3	13.8	14.2	14.6	15.2	-	-						
	HI PR	128	138	145	152	-	144	154	163	170	175	163	176	185	193	186	200	211	220	-	-	209	225	238	248	231	249	263	274	-	-						
	LO PR	60	64	70	75	-	64	68	74	79	81	66	70	77	82	70	74	81	86	-	-	73	78	85	90	75	80	88	93	-	-						
	MBh	45.0	46.3	50.1	53.8	-	43.9	45.2	48.9	52.5	56.1	42.9	44.1	47.8	51.3	41.8	43.1	46.6	50.0	-	-	39.7	40.9	44.3	47.5	36.8	37.9	41.0	44.0	-	-						
	S/T	0.81	0.72	0.55	0.35	-	0.84	0.75	0.57	0.36	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.58	0.38	-	-	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	-	-						
	ΔT	21	19	16	11	-	21	19	16	11	11	21	19	16	11	21	20	16	11	-	-	21	19	16	11	20	18	15	10	-	-						
	kW	2.56	2.62	2.72	2.82	-	2.79	2.86	2.97	3.08	3.17	3.00	3.07	3.19	3.31	3.18	3.26	3.39	3.52	-	-	3.34	3.42	3.55	3.69	3.47	3.56	3.69	3.84	-	-						
	Amps	10.2	10.4	10.8	11.1	-	11.0	11.2	11.6	12.0	12.3	11.9	12.2	12.6	13.0	12.7	13.0	13.4	13.9	-	-	13.4	13.8	14.2	14.7	14.2	14.6	15.0	15.6	-	-						
	HI PR	132	142	150	156	-	148	159	168	175	177	168	181	191	199	192	206	218	227	-	-	216	232	245	256	238	256	271	282	-	-						
	LO PR	62	66	72	77	-	66	70	76	81	81	68	73	79	84	72	76	83	89	-	-	75	80	87	93	78	83	90	96	-	-						
	MBh	46.3	47.7	51.6	55.4	-	45.2	46.6	50.4	54.1	57.7	44.2	45.5	49.2	52.8	43.1	44.4	48.0	51.5	-	-	40.9	42.1	45.6	48.9	37.9	39.0	42.2	45.3	-	-						
	S/T	0.84	0.76	0.57	0.37	-	0.88	0.78	0.59	0.38	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	-	-	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42	-	-						
	ΔT	20	18	15	10	-	20	19	15	11	11	20	19	15	11	20	19	15	11	-	-	20	19	15	10	19	17	14	10	-	-						
	kW	2.58	2.65	2.75	2.85	-	2.82	2.89	3.00	3.11	3.20	3.03	3.10	3.22	3.34	3.21	3.29	3.42	3.55	-	-	3.37	3.45	3.58	3.72	3.50	3.59	3.73	3.87	-	-						
	Amps	10.3	10.5	10.9	11.2	-	11.1	11.3	11.7	12.1	12.4	12.0	12.3	12.7	13.1	12.8	13.1	13.5	14.0	-	-	13.6	13.9	14.3	14.9	14.3	14.7	15.2	15.7	-	-						
	HI PR	133	143	151	158	-	149	161	170	177	177	170	183	193	201	194	208	220	229	-	-	218	234	247	258	241	259	273	285	-	-						
	LO PR	63	67	73	78	-	66	71	77	82	82	69	73	80	85	72	77	84	90	-	-	76	81	88	94	78	83	91	97	-	-						

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

IDB		OUTDOOR AMBIENT TEMPERATURE																											
		65				75				85				95				105				115							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
		ENTERING INDOOR WET BULB TEMPERATURE																											
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	59	63	67	71
1400		MBh	42.2	43.2	46.1	49.3	41.3	42.2	45.0	48.1	40.3	41.2	44.0	47.0	39.3	40.1	42.9	45.9	37.3	38.1	40.7	43.6	34.6	35.3	37.7	40.3			
		S/T	0.85	0.80	0.65	0.5	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.5	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.6	0.98	0.92	0.75	0.56			
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	22	21	16	22	21	19	15			
		kW	2.51	2.57	2.67	2.8	2.74	2.81	2.91	3.02	2.94	3.02	3.13	3.2	3.12	3.20	3.32	3.45	3.27	3.35	3.48	3.6	3.40	3.49	3.62	3.76			
		Amps	10.0	10.3	10.6	10.9	10.8	11.0	11.4	11.8	11.7	12.0	12.3	12.8	12.4	12.7	13.1	13.6	13.2	13.5	14.0	14.5	14.0	14.3	14.8	15.3			
		HI PR	129	139	147	153.1	145	156	165	172	165	177	187	195.4	188	202	213	223	211	227	240	250.4	233	251	265	277			
		LO PR	61	65	71	75.3	64	68	75	80	67	71	78	82.7	70	75	82	87	74	78	85	91.0	76	81	88	94			
80		MBh	45.8	46.8	50.0	53.4	44.7	45.7	48.8	52.2	43.6	44.6	47.6	50.9	42.6	43.5	46.5	49.7	40.4	41.3	44.1	47.2	37.5	38.3	40.9	43.7			
		S/T	0.88	0.83	0.67	0.5	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.5	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.6	1.00	0.95	0.77	0.58			
		ΔT	23	22	19	15	24	23	20	16	24	23	20	16	24	23	20	16	24	22	21	16	22	21	18	15			
		kW	2.58	2.65	2.75	2.9	2.82	2.89	3.00	3.11	3.03	3.10	3.22	3.3	3.21	3.29	3.42	3.55	3.37	3.45	3.59	3.7	3.50	3.59	3.73	3.87			
		Amps	10.3	10.5	10.9	11.2	11.1	11.3	11.7	12.1	12.0	12.3	12.7	13.1	12.8	13.1	13.5	14.0	13.6	13.9	14.3	14.9	14.3	14.7	15.2	15.7			
		HI PR	133	143	151	157.9	149	161	170	177	170	183	193	201.5	194	208	220	229	218	234	248	258.1	241	259	273	285			
		LO PR	63	67	73	77.7	66	71	77	82	69	73	80	85.3	72	77	84	90	76	81	88	93.9	78	84	91	97			
1800		MBh	47.1	48.2	51.5	55.0	46.0	47.0	50.3	53.7	44.9	45.9	49.1	52.4	43.8	44.8	47.9	51.2	41.7	42.6	45.5	48.6	38.6	39.4	42.1	45.0			
		S/T	0.93	0.87	0.71	0.5	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.6	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.6	1.00	1.00	0.81	0.61			
		ΔT	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	17	14			
		kW	2.61	2.67	2.77	2.9	2.85	2.92	3.03	3.14	3.06	3.13	3.25	3.4	3.24	3.32	3.45	3.58	3.40	3.49	3.62	3.8	3.54	3.63	3.77	3.91			
		Amps	10.4	10.6	11.0	11.3	11.2	11.4	11.8	12.2	12.1	12.4	12.8	13.2	12.9	13.2	13.6	14.1	13.7	14.0	14.5	15.0	14.5	14.8	15.3	15.9			
		HI PR	135	145	153	159.4	151	162	172	179	172	185	195	203.5	196	210	222	232	220	237	250	260.7	243	262	276	288			
		LO PR	63	67	74	78.4	67	71	78	83	70	74	81	86.1	73	78	85	90	77	82	89	94.8	79	84	92	98			

1400		MBh	43.0	43.8	45.9	48.9	42.0	42.8	44.8	47.8	41.0	41.8	43.7	46.7	40.0	40.7	42.7	45.5	38.0	38.7	40.5	43.3	35.2	35.9	37.6	40.1	
		S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	1.00	0.89	0.72	1.00	1.00	0.89	0.72	
		ΔT	25	25	23	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	23	23	23	22	19
		kW	2.53	2.60	2.69	2.80	2.76	2.83	2.94	3.05	2.97	3.04	3.16	3.28	3.15	3.23	3.35	3.48	3.30	3.39	3.52	3.65	3.44	3.52	3.66	3.80	
		Amps	10.1	10.4	10.7	11.0	10.9	11.1	11.5	11.9	11.8	12.1	12.4	12.9	12.6	12.8	13.3	13.7	13.3	13.6	14.1	14.6	14.1	14.4	14.9	15.4	
		HI PR	130	140	148	155	146	158	166	174	167	179	189	197	190	204	216	225	213	230	242	253	236	254	268	279	
		LO PR	62	65	71	76	65	69	75	80	68	72	78	84	71	75	82	88	74	79	86	92	77	82	89	95	
85		MBh	46.6	47.5	49.7	53.0	45.5	46.4	48.5	51.8	44.4	45.3	47.4	50.6	43.3	44.1	46.2	49.3	41.1	41.9	43.9	46.9	38.1	38.9	40.7	43.4	
		S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	1.00	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	
		ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	24	23	20	22	22	22	19	19
		kW	2.61	2.67	2.77	2.88	2.85	2.92	3.03	3.14	3.06	3.13	3.25	3.38	3.24	3.32	3.45	3.58	3.40	3.49	3.62	3.76	3.54	3.63	3.77	3.91	
		Amps	10.4	10.6	11.0	11.3	11.2	11.4	11.8	12.2	12.1	12.4	12.8	13.2	12.9	13.2	13.6	14.1	13.7	14.0	14.5	15.0	14.5	14.8	15.3	15.9	
		HI PR	135	145	153	159	151	162	172	179	172	185	195	203	196	210	222	232	220	237	250	261	243	262	276	288	
		LO PR	63	67	74	78	67	71	78	83	70	74	81	86	73	78	85	90	77	82	89	95	79	84	92	98	
1800		MBh	48.0	48.9	51.2	54.6	46.8	47.7	50.0	53.3	45.7	46.6	48.8	52.1	44.6	45.5	47.6	50.8	42.4	43.2	45.2	48.3	39.3	40.0	41.9	44.7	
		S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79	
		ΔT	24	23	22	19	24	24	22	19	23	24	22	19	23	23	23	20	22	22	22	19	20	20	21	18	18
		kW	2.63	2.70	2.80	2.90	2.87	2.95	3.06	3.17	3.09	3.16	3.28	3.41	3.27	3.36	3.48	3.62	3.43	3.52	3.65	3.80	3.57	3.66	3.80	3.95	
		Amps	10.5	10.7	11.0	11.4	11.3	11.5	11.9	12.3	12.2	12.5	12.9	13.4	13.0	13.3	13.7	14.2	13.8	14.1	14.6	15.1	14.6	14.9	15.4	16.0	
		HI PR	136	146	154	161	152	164	173	181	173	187	197	206	197	213	224	234	222	239	252	263	245	264	279	291	
		LO PR	64	68	74	79	68	72	79	84	70	75	82	87	74	79	86	91	77	82	89	96	80	85	93	99	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects AHR1 conditions
 Design Subcooling ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

IDB		OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		ENTERING INDOOR WET BULB TEMPERATURE																								
1400		MBh	48.1	49.9	54.7	-	47.0	48.7	53.4	-	45.9	47.6	52.1	-	44.8	46.4	50.9	-	42.5	44.1	48.3	-	39.4	40.8	44.8	-
		S/T	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.75	0.63	0.44	-
		ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	20	17	13	-
		kW	2.92	2.99	3.11	-	3.19	3.27	3.40	-	3.43	3.52	3.65	-	3.64	3.73	3.87	-	3.82	3.91	4.06	-	3.97	4.07	4.23	-
		Amps	11.5	11.7	12.1	-	12.4	12.6	13.1	-	13.4	13.7	14.1	-	14.3	14.6	15.1	-	15.2	15.5	16.0	-	16.1	16.4	17.0	-
		HI PR	126	136	143	-	141	152	161	-	161	173	183	-	183	197	208	-	206	222	234	-	228	245	259	-
		LO PR	56	60	66	-	60	63	69	-	62	66	72	-	65	69	76	-	68	73	79	-	71	75	82	-
70		MBh	52.2	54.1	59.2	-	50.9	52.8	57.9	-	49.7	51.5	56.5	-	48.5	50.3	55.1	-	46.1	47.8	52.3	-	42.7	44.3	48.5	-
		S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-
		ΔT	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	13	-	19	17	13	-
		kW	3.01	3.08	3.20	-	3.28	3.37	3.50	-	3.53	3.62	3.76	-	3.75	3.84	3.99	-	3.93	4.03	4.18	-	4.09	4.19	4.35	-
		Amps	11.8	12.0	12.4	-	12.7	13.0	13.4	-	13.8	14.1	14.5	-	14.7	15.0	15.5	-	15.6	16.0	16.5	-	16.5	16.9	17.5	-
		HI PR	130	140	148	-	146	157	166	-	166	178	188	-	189	203	215	-	212	229	241	-	235	253	267	-
		LO PR	58	62	68	-	61	65	71	-	64	68	74	-	67	71	78	-	70	75	82	-	73	77	84	-
1800		MBh	53.7	55.7	61.0	-	52.5	54.4	59.6	-	51.2	53.1	58.2	-	50.0	51.8	56.8	-	47.5	49.2	53.9	-	44.0	45.6	49.9	-
		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	-
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		kW	3.04	3.11	3.23	-	3.32	3.40	3.53	-	3.56	3.65	3.79	-	3.78	3.88	4.03	-	3.97	4.07	4.23	-	4.13	4.23	4.40	-
		Amps	11.9	12.2	12.5	-	12.8	13.1	13.5	-	13.9	14.2	14.7	-	14.8	15.2	15.7	-	15.7	16.1	16.6	-	16.7	17.1	17.6	-
		HI PR	131	141	149	-	147	158	167	-	167	180	190	-	191	205	217	-	215	231	244	-	237	255	269	-
		LO PR	59	62	68	-	62	66	72	-	64	69	75	-	68	72	79	-	71	76	82	-	73	78	85	-

1400		MBh	49.0	50.4	54.6	58.6	47.8	49.2	53.3	57.2	46.7	48.1	52.0	55.8	45.5	46.9	50.8	54.5	43.3	44.5	48.2	51.7	40.1	41.3	44.7	47.9
		S/T	0.75	0.67	0.51	0.33	0.77	0.69	0.52	0.34	0.79	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.85	0.85	0.76	0.58	0.86	0.77	0.58	0.37
		ΔT	24	22	18	13	24	22	18	13	24	22	18	13	24	23	18	13	24	24	22	18	23	21	17	12
		kW	2.95	3.02	3.14	3.26	3.22	3.30	3.43	3.56	3.46	3.55	3.68	3.83	3.67	3.77	3.91	4.06	3.85	3.95	4.10	4.26	4.01	4.11	4.27	4.43
		Amps	11.6	11.8	12.2	12.6	12.5	12.8	13.2	13.6	13.5	13.8	14.3	14.8	14.4	14.8	15.2	15.8	15.3	15.7	16.2	16.8	16.2	16.6	17.1	17.8
		HI PR	127	137	145	151	143	154	162	169	162	175	185	193	185	199	210	219	208	224	237	247	230	248	261	273
		LO PR	57	61	66	70	60	64	70	74	63	67	73	77	66	70	76	81	69	73	80	85	71	76	83	88
75		MBh	53.0	54.6	59.1	63.4	51.8	53.3	57.7	62.0	50.6	52.1	56.4	60.5	49.3	50.8	55.0	59.0	46.9	48.3	52.2	56.1	43.4	44.7	48.4	51.9
		S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.89	0.79	0.60	0.89	0.80	0.60	0.39
		ΔT	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	13	24	24	22	18	22	20	17	12
		kW	3.04	3.11	3.23	3.35	3.32	3.40	3.53	3.67	3.56	3.66	3.79	3.94	3.78	3.88	4.03	4.18	3.97	4.07	4.23	4.39	4.13	4.24	4.40	4.57
		Amps	11.9	12.2	12.5	13.0	12.8	13.1	13.5	14.0	13.9	14.2	14.7	15.2	14.8	15.2	15.7	16.2	15.7	16.1	16.6	17.3	16.7	17.1	17.6	18.3
		HI PR	131	141	149	156	147	159	167	175	168	180	190	199	191	205	217	226	215	231	244	254	237	255	269	281
		LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	82	88	73	78	85	91
1800		MBh	54.6	56.2	60.9	65.3	53.4	54.9	59.5	63.8	52.1	53.6	58.1	62.3	50.8	52.3	56.6	60.8	48.3	49.7	53.8	57.7	44.7	46.0	49.8	53.5
		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	0.93	0.83	0.63	0.93	0.83	0.63	0.41
		ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	23	21	17	21	20	16	11
		kW	3.06	3.14	3.26	3.39	3.35	3.43	3.56	3.70	3.60	3.69	3.83	3.98	3.82	3.92	4.07	4.22	4.01	4.11	4.27	4.43	4.17	4.28	4.44	4.61
		Amps	12.0	12.3	12.6	13.1	12.9	13.2	13.6	14.1	14.0	14.3	14.8	15.3	14.9	15.3	15.8	16.4	15.9	16.3	16.8	17.4	16.8	17.2	17.8	18.4
		HI PR	133	143	151	157	149	160	169	176	169	182	192	201	193	207	219	228	217	233	246	257	240	258	272	284
		LO PR	59	63	69	73	63	67	73	78	65	69	76	81	68	73	79	85	72	76	83	89	74	79	86	92

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
		ENTERING INDOOR WET BULB TEMPERATURE																							
		AIRFLOW																							
80	MBh	49.8	50.9	54.4	58.2	48.7	49.7	53.1	56.8	47.5	48.5	51.9	55.4	46.4	47.4	50.6	54.1	44.0	45.0	48.1	51.4	40.8	41.7	44.5	47.6
	S/T	0.82	0.77	0.62	0.5	0.85	0.80	0.65	0.48	0.87	0.82	0.66	0.5	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.5	0.94	0.88	0.72	0.54
	ΔT	27	26	22	18	27	26	23	18	27	26	23	18	27	26	23	18	27	26	23	18	25	24	21	17
	kW	2.98	3.05	3.17	3.3	3.25	3.34	3.46	3.59	3.50	3.58	3.72	3.9	3.71	3.80	3.95	4.10	3.89	3.99	4.14	4.3	4.05	4.15	4.31	4.48
	Amps	11.7	11.9	12.3	12.8	12.6	12.9	13.3	13.8	13.6	14.0	14.4	14.9	14.5	14.9	15.4	15.9	15.5	15.8	16.3	16.9	16.3	16.7	17.3	17.9
	HI PR	129	138	146	152.4	144	155	164	171	164	177	187	194.5	187	201	212	222	210	226	239	249.3	232	250	264	275
	LO PR	58	61	67	71.2	61	65	71	75	63	67	73	78.2	66	71	77	82	70	74	81	86.1	72	77	84	89
	MBh	54.0	55.2	58.9	63.0	52.7	53.9	57.6	61.5	51.5	52.6	56.2	60.1	50.2	51.3	54.8	58.6	47.7	48.7	52.1	55.7	44.2	45.2	48.2	51.6
	S/T	0.85	0.80	0.65	0.5	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.5	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.6	0.97	0.91	0.74	0.56
	ΔT	26	25	22	18	27	26	22	18	27	26	22	18	27	26	22	18	27	25	22	18	25	24	21	16
kW	3.07	3.14	3.26	3.4	3.35	3.43	3.56	3.70	3.60	3.69	3.83	4.0	3.82	3.92	4.07	4.22	4.01	4.11	4.27	4.4	4.17	4.28	4.44	4.61	
Amps	12.0	12.3	12.7	13.1	12.9	13.2	13.6	14.1	14.0	14.3	14.8	15.3	14.9	15.3	15.8	16.4	15.9	16.3	16.8	17.4	16.8	17.2	17.8	18.4	
HI PR	133	143	151	157.2	149	160	169	176	169	182	192	200.6	193	207	219	228	217	233	246	257.0	240	258	272	284	
LO PR	59	63	69	73.4	63	67	73	78	65	69	76	80.6	68	73	80	85	72	76	83	88.7	74	79	86	92	
MBh	55.6	56.8	60.7	64.9	54.3	55.5	59.3	63.4	53.0	54.2	57.9	61.9	51.7	52.9	56.5	60.4	49.1	50.2	53.6	57.3	45.5	46.5	49.7	53.1	
S/T	0.89	0.84	0.68	0.5	0.92	0.87	0.70	0.53	0.95	0.89	0.72	0.5	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.6	1.00	0.96	0.78	0.58	
ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	25	24	21	17	23	23	20	16	
kW	3.09	3.17	3.29	3.4	3.38	3.47	3.60	3.73	3.63	3.73	3.87	4.0	3.86	3.96	4.11	4.26	4.05	4.15	4.31	4.5	4.21	4.32	4.48	4.66	
Amps	12.1	12.4	12.8	13.2	13.0	13.3	13.8	14.3	14.1	14.5	14.9	15.5	15.1	15.4	15.9	16.5	16.0	16.4	16.9	17.6	17.0	17.4	17.9	18.6	
HI PR	134	144	152	158.7	150	162	171	178	171	184	194	202.6	195	209	221	231	219	236	249	259.5	242	260	275	287	
LO PR	60	64	70	74.1	63	67	74	78	66	70	76	81.4	69	74	80	86	72	77	84	89.6	75	80	87	93	

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
		ENTERING INDOOR WET BULB TEMPERATURE																							
		AIRFLOW																							
85	MBh	50.7	51.7	54.1	57.7	49.5	50.5	52.9	56.4	48.3	49.3	51.6	55.1	47.2	48.1	50.3	53.7	44.8	45.7	47.8	51.0	41.5	42.3	44.3	47.3
	S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.77	0.63	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	0.99	0.95	0.86	0.70
	ΔT	29	28	27	23	29	28	27	23	29	28	27	23	29	29	27	23	29	28	27	23	27	26	25	22
	kW	3.01	3.08	3.20	3.32	3.28	3.37	3.49	3.63	3.53	3.62	3.76	3.90	3.74	3.84	3.99	4.14	3.93	4.03	4.18	4.35	4.09	4.19	4.35	4.52
	Amps	11.8	12.0	12.4	12.9	12.7	13.0	13.4	13.9	13.8	14.1	14.5	15.1	14.7	15.0	15.5	16.1	15.6	16.0	16.5	17.1	16.5	16.9	17.5	18.1
	HI PR	130	140	148	154	146	157	166	173	166	178	188	196	189	203	215	224	212	229	241	252	235	253	267	278
	LO PR	58	62	68	72	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	84	90
	MBh	54.9	56.0	58.6	62.6	53.6	54.7	57.3	61.1	52.4	53.4	55.9	59.7	51.1	52.1	54.5	58.2	48.5	49.5	51.8	55.3	45.0	45.8	48.0	51.2
	S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72
	ΔT	28	28	26	23	28	28	26	23	28	28	26	23	29	28	27	23	28	28	26	23	26	26	25	21
kW	3.09	3.17	3.29	3.42	3.38	3.47	3.60	3.74	3.63	3.73	3.87	4.02	3.86	3.96	4.11	4.26	4.05	4.15	4.31	4.48	4.21	4.32	4.48	4.66	
Amps	12.1	12.4	12.8	13.2	13.0	13.3	13.8	14.3	14.1	14.5	14.9	15.5	15.1	15.4	15.9	16.5	16.0	16.4	16.9	17.6	17.0	17.4	17.9	18.6	
HI PR	134	144	152	159	150	162	171	178	171	184	194	203	195	209	221	231	219	236	249	260	242	260	275	287	
LO PR	60	64	70	74	63	67	74	78	66	70	76	81	69	74	80	86	72	77	84	90	75	80	87	93	
MBh	56.6	57.7	60.4	64.4	55.3	56.3	59.0	62.9	53.9	55.0	57.6	61.4	52.6	53.6	56.2	59.9	50.0	51.0	53.4	56.9	46.3	47.2	49.4	52.7	
S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.76	
ΔT	27	27	25	22	27	27	25	22	27	27	25	22	27	27	26	22	26	26	25	22	24	24	24	20	
kW	3.12	3.20	3.32	3.45	3.41	3.50	3.63	3.77	3.67	3.76	3.91	4.06	3.89	3.99	4.15	4.31	4.08	4.19	4.35	4.52	4.25	4.36	4.53	4.70	
Amps	12.2	12.5	12.9	13.3	13.2	13.5	13.9	14.4	14.3	14.6	15.1	15.6	15.2	15.6	16.1	16.7	16.2	16.6	17.1	17.7	17.1	17.5	18.1	18.8	
HI PR	135	146	154	160	152	163	172	180	173	186	196	205	197	212	223	233	221	238	251	262	244	263	278	290	
LO PR	61	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 kW = Total system power
 Design Subcooling ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

OUTDOOR UNIT	INDOOR UNITS	COOLING RATINGS				CFM	AHRI #
	COILS/AIR HANDLERS	TOTAL ¹	SENS. ¹	SEER ²	EER ³		
GSC130181F*	CA*F1824*6B*+EEP	18,000	13,600	13	11	600	4700185
GSC130181G*	CA*F1824*6B*+EEP	18,000	13,100	13	11	600	5897360
GSC130241F*	CA*F1824*6B*+EEP	22,800	17,600	13	11	800	4700186
GSC130301(D,E)*	CA*F3030*6B*+EEP	27,600	21,000	13	11	950	4705227
GSC130361G*	CA*F3642*6C*+EEP	33,400	24,200	13	11	1,200	5528471
GSC130421C*	CA*F4860*6B*+EEP	39,500	28,200	13	11	1,400	5528472
GSC130481C*	CA*F4961*6A*+EEP	44,500	33,800	13	11	1,600	5528473
GSC130601D*	CA*F4961*6A*+EEP	53,000	38,000	13	11	1,600	5528476

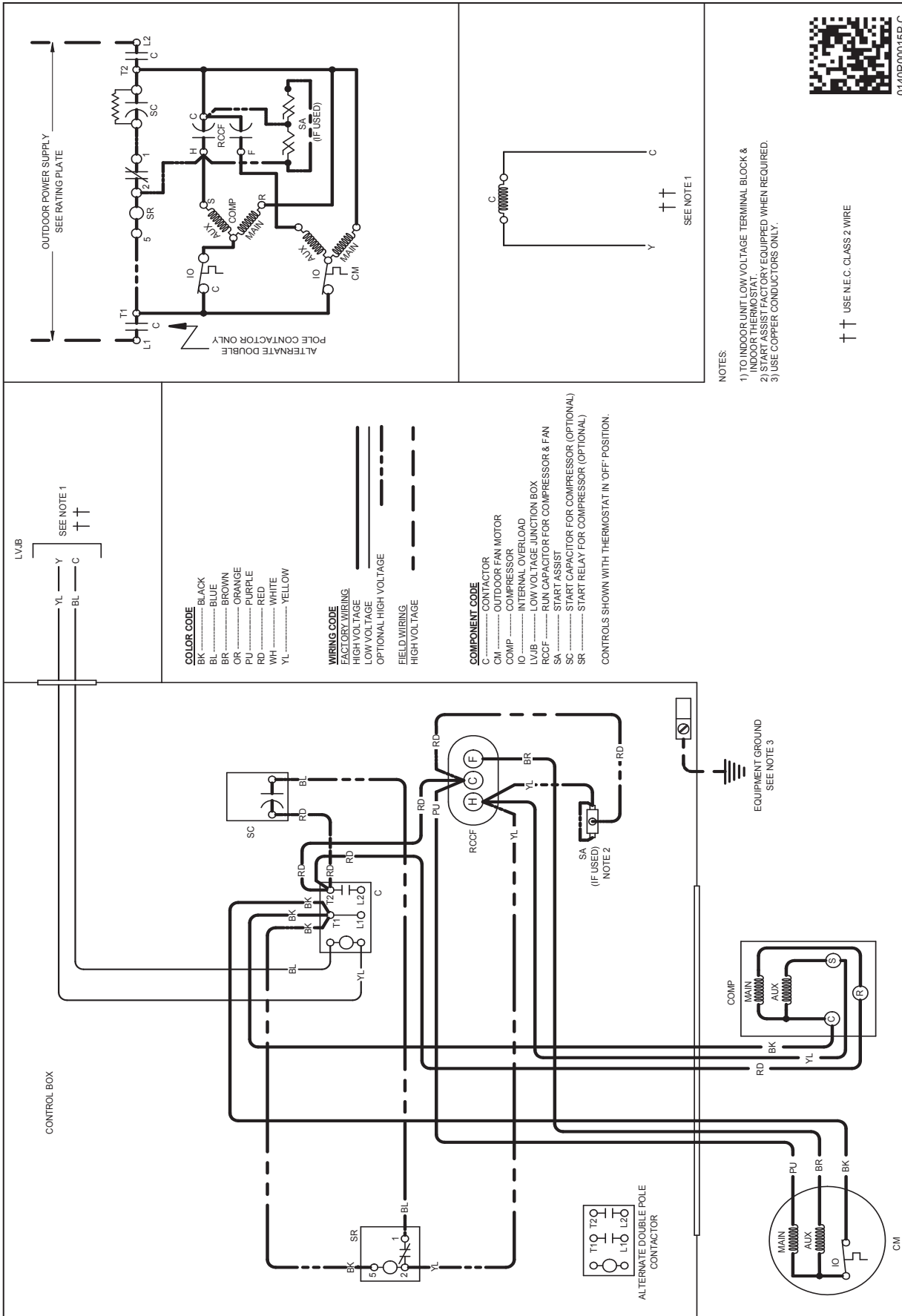
¹ BTU/h

² Seasonal Energy Efficiency Ratio; tested and rated per AHRI 210/240

³ Energy Efficiency Ratio @ 80 °F/67 °F Inside - 95 °F

Notes

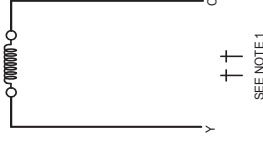
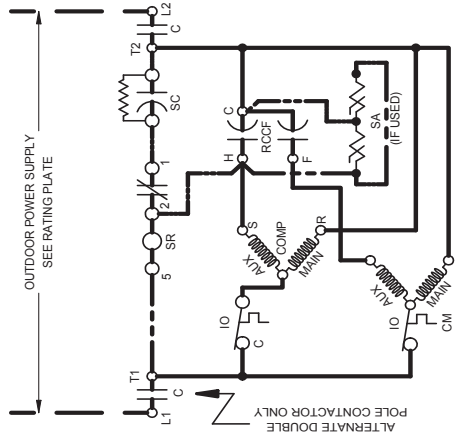
- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP: Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Goodman Gas Furnace contains the EEP cooling time delay.



- COLOR CODE**
 BK BLACK
 BL BLUE
 BR BROWN
 OR ORANGE
 PU PURPLE
 RD RED
 WH WHITE
 YL YELLOW

- WIRING CODE**
 FACTORY WIRING
 HIGH VOLTAGE
 LOW VOLTAGE
 OPTIONAL HIGH VOLTAGE
 FIELD WIRING
 HIGH VOLTAGE

- COMPONENT CODE**
 C CONTACTOR
 CM OUTDOOR FAN MOTOR
 COMP COMPRESSOR
 IO INTERNAL OVERLOAD
 LVJB LOW VOLTAGE JUNCTION BOX
 RCCF RUN CAPACITOR FOR COMPRESSOR & FAN
 SA START ASSIST
 SC START RELAY FOR COMPRESSOR (OPTIONAL)
 SR START RELAY FOR COMPRESSOR (OPTIONAL)
- CONTROLS SHOWN WITH THERMOSTAT IN 'OFF' POSITION.



- NOTES:**
 1) TO INDOOR UNIT LOW VOLTAGE TERMINAL BLOCK & DOOR THERMOSTAT
 2) START RELAY EQUIPPED WHEN REQUIRED.
 3) USE COPPER CONDUCTORS ONLY.

++ USE N.E.C. CLASS 2 WIRE

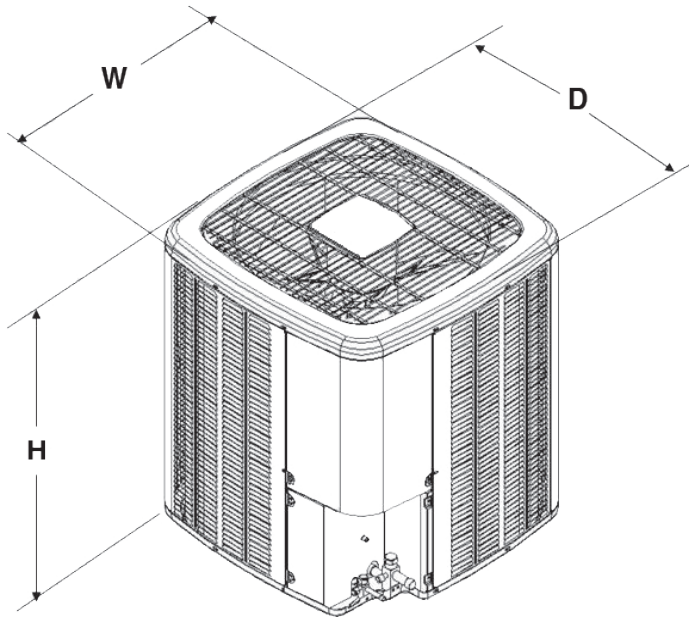


⚠ WARNING

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.

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

DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
GSC130181G*	26	26	27½
GSC130241F*	23½	23½	25¾
GSC130301E*	26	26	30%
GSC130361G*	29	29	30%
GSC130421BC*	29	29	30%
GSC130481C*	29	29	36%
GSC130601D*	29	29	40

ACCESSORIES

MODEL	DESCRIPTION	GSC13 018**	GSC13 024**	GSC13 030**	GSC13 036**	GSC13 042**	GSC13 048**	GSC13 060**
ABK-20	Anchor Bracket Kit ▼			X	X	X	X	X
ABK-21	Anchor Bracket Kit ▼	X	X					
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X	X	X	X
CSR-U-2	Hard-start Kit			X				
CSR-U-3	Hard-start Kit							
FSK01A	Freeze Protection Kit ¹	X	X	X	X	X	X	X
LSK01A	Liquid Line Solenoid Kit ²	X	X	X	X	X	X	X
0263M00019	Crankcase Heater	X						
OT18-60A	Outdoor Thermostat	X	X	X	X	X	X	X

▼ Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

² Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit.