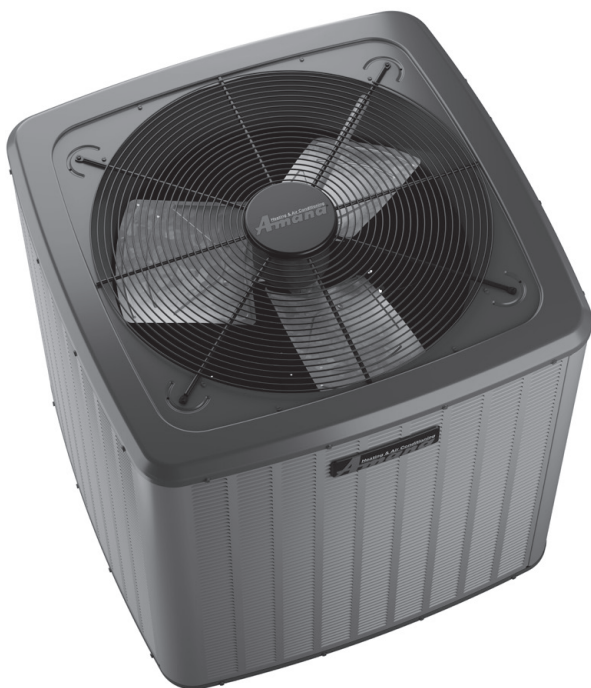


ENERGY-EFFICIENT
R-32 SPLIT SYSTEM AIR CONDITIONER
UP TO 15 SEER2
1½ TO 5 TONS



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R32

Standard Features

- High efficiency scroll compressor
- High-density foam compressor sound blanket
- Advanced Copeland® CoreSense™ Technology
- Fully charged for 15' of tubing length
- Copper tube/ enhanced aluminum fin coil- 5mm diameter
- Factory-installed filter drier
- Sweat connection service valves with easy access to gauge ports
- Enclosed contactor
- High-pressure switch
- Ground lug connection
- Capacitors with extended life
- AHRI Certified
- ETL Listed

Cabinet Features

- Removable grille-style top design compliant with UL 60335-2-40
- Venturi for increased velocity of airflow
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Wire fan discharge grille
- Steel louver coil guard
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2023 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



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

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

* Complete warranty available from your local dealer or at www.amana-hac.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California, Florida, or Québec. The duration of warranty coverages in Texas and Florida differs in some cases. Other limitations and exclusions apply, refer to complete warranty details for full list of limitations and exclusions.

	A	L	X	S	3	B	N	36	1	0	A	A	
	1	2	3	4	5	6	7	8,9	10	11	12	13	
BRAND													MINOR REV
A - Amana Brand													A
TYPE													MAJOR REVISION
L R-32 Splits System													A
OUTDOOR TYPE													Variation
X Condenser													
Z Heat Pump													1 208/230 V, 1 Phase, 60 Hz
COMPRESSOR TYPE													NOMINAL CAPACITY
S Single-Stage													18 - 1½ Tons
T Two-Stage													42 - 3½ Tons
													24 - 2 Tons
													48 - 4 Tons
													30 - 2 Tons
													60 - 5 Tons
													36 - 3 Tons
EFFICIENCY (SEER2) NOMINAL													REGION
13.4 - 13.7 = 3													N North
16.0-16.9 = 6													S Southeast & North
13.8 - 14.5 = 4													A All Regions
17.0-17.9 = 7													
14.6 - 15.9 = 5													
18.0-18.9 = 8													
19.0+ = 9													
													FEATURE/APPLICATION
													N- Introductory
													B - Standard
													C - Communicating (Top Flow)

	ALXS3BN 1810A*	ALXS3BN 2410A*	ALXS3BN 3010A*	ALXS3BN 3610A*	ALXS3BN 4210A*	ALXS3BN 4810A*	ALXS3BN 6010A*
COOLING CAPACITY							
Nominal Cooling (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Decibels (dBA)	72.0	68.0	68.0	69.0	73.0	71.0	74.0
COMPRESSOR							
RLA	8.3	10.2	11.5	13.4	14.4	19.4	23.9
LRA	44.3	59.3	66.3	83.3	112.2	127.7	148.0
Stage	Single	Single	Single	Single	Single	Single	Single
Type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
CONDENSER FAN MOTOR							
Motor Type	PSC	PSC	PSC	PSC	PSC	PSC	PSC
Horsepower (RPM)	1/8	1/8	1/8	1/8	1/4	1/4	1/4
FLA	0.70	0.70	0.70	0.70	1.4	1.4	1.3
REFRIGERATION SYSTEM							
Refrigerant Line Size ¹							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.) ²	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge ³	52	53.4	54.6	60	74	84	91
ELECTRICAL DATA							
Voltage-Phase	208/230-1	208/230-1	208-230-1	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity ⁴	11.1	13.5	15.1	17.5	19.4	25.6	31.1
Max. Overcurrent Protection ⁵	15.0	20.0	25.0	30.0	30.0	45.0	50.0
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
Equipment Weight (lbs)	125	126	137	136	180	188	229
Ship Weight (lbs)	140	141	152	151	195	203	244

¹ Line sizes denoted for 25' line sets, tested and rated in accordance with AHRI Standard 210/240. For other line set lengths or sizes, refer to the Installation Instructions and/or the Long Line Set Applications guide.

² Any suction line adapter will need to be supplied by the field.

³ Unit is factory charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per the Final Charge Adjustment procedure found in the Installation Instructions.

⁴ Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

⁵ Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.

		OUTDOOR AMBIENT TEMPERATURE																																															
		65								75								85								95								105								115							
		ENTERING INDOOR WET BULB TEMPERATURE																																															
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																				
70	525	MBh	18.6	18.8	19.4	-	18.4	18.6	19.2	-	17.9	18.2	18.7	-	17.1	17.3	17.9	-	16.1	16.3	16.9	-	15.2	15.4	16.0	-	15.2	15.4	16.0	-																			
		S/T	0.63	0.55	0.43	-	0.63	0.56	0.43	-	0.66	0.58	0.46	-	1.00	0.60	0.48	-	1.00	0.62	0.50	-	1.00	0.67	0.54	-	1.00	0.67	0.54	-																			
		ΔT	20	18	15	-	20	18	15	-	21	19	15	-	20	18	15	-	20	18	14	-	21	19	16	-	21	19	16	-																			
		kW	1.20	1.20	1.19	-	1.32	1.32	1.32	-	1.47	1.47	1.46	-	1.62	1.62	1.62	-	1.80	1.79	1.79	-	2.00	2.00	1.99	-	2.00	2.00	1.99	-																			
		Amps	4.2	4.2	4.2	-	4.8	4.8	4.8	-	5.5	5.5	5.5	-	6.2	6.2	6.2	-	7.0	7.0	7.0	-	7.9	7.9	7.9	-	7.9	7.9	7.9	-																			
70	600	MBh	18.9	19.1	19.7	-	18.7	19.0	19.5	-	18.2	18.5	19.1	-	17.4	17.7	18.2	-	16.4	16.7	17.2	-	15.5	15.8	16.3	-	15.5	15.8	16.3	-																			
		S/T	0.66	0.59	0.46	-	0.67	0.60	0.47	-	0.69	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-	1.00	0.71	0.58	-																			
		ΔT	19	17	13	-	19	17	13	-	19	17	14	-	19	17	13	-	19	17	13	-	20	18	14	-	20	18	14	-																			
		kW	1.20	1.20	1.20	-	1.33	1.33	1.33	-	1.47	1.47	1.47	-	1.63	1.63	1.63	-	1.80	1.80	1.80	-	2.00	2.00	2.00	-	2.00	2.00	2.00	-																			
		Amps	4.3	4.3	4.2	-	4.8	4.8	4.8	-	5.5	5.5	5.5	-	6.2	6.2	6.2	-	7.0	7.0	7.0	-	7.9	7.9	7.9	-	7.9	7.9	7.9	-																			
70	675	MBh	19.3	19.6	20.1	-	19.1	19.4	19.9	-	18.7	18.9	19.5	-	17.8	18.1	18.6	-	16.8	17.1	17.6	-	15.9	16.2	16.7	-	15.9	16.2	16.7	-																			
		S/T	0.67	0.60	0.47	-	0.67	0.60	0.48	-	1.00	0.63	0.50	-	1.00	0.64	0.52	-	1.00	0.67	0.54	-	1.00	1.00	0.59	-	1.00	1.00	0.59	-																			
		ΔT	18	16	12	-	18	16	12	-	18	16	13	-	18	16	12	-	18	16	12	-	19	17	13	-	19	17	13	-																			
		kW	1.21	1.21	1.20	-	1.34	1.34	1.33	-	1.48	1.48	1.48	-	1.63	1.63	1.63	-	1.81	1.81	1.80	-	2.01	2.01	2.01	-	2.01	2.01	2.01	-																			
		Amps	4.3	4.3	4.3	-	4.9	4.9	4.9	-	5.5	5.5	5.5	-	6.2	6.2	6.2	-	7.0	7.0	7.0	-	8.0	8.0	7.9	-	8.0	8.0	7.9	-																			

75	MBh	18.6	18.8	19.4	20.2	18.4	18.7	19.2	20.0	17.9	18.2	18.7	19.6	17.1	17.4	17.9	18.7	16.1	16.4	16.9	17.7	15.2	15.4	16.0	16.8
	S/T	0.75	0.68	0.55	0.4	1.00	0.68	0.55	0.4	1.00	0.71	0.58	0.4	1.00	0.72	0.60	0.5	1.00	0.74	0.62	0.5	1.00	1.00	0.67	0.5
	ΔT	25	23	19	15	25	23	19	15	25	23	19	15	25	23	19	15	24	22	19	15	26	24	20	16
	kW	1.20	1.19	1.19	1.2	1.32	1.32	1.32	1.3	1.47	1.47	1.46	1.5	1.62	1.62	1.62	1.6	1.79	1.79	1.79	1.8	2.00	2.00	1.99	2.0
	Amps	4.2	4.2	4.2	4.3	4.8	4.8	4.8	4.8	5.5	5.5	5.5	5.5	6.2	6.2	6.2	6.2	7.0	7.0	7.0	7.0	7.9	7.9	7.9	7.9
600	MBh	18.9	19.2	19.7	20.5	18.7	19.0	19.5	20.4	18.3	18.5	19.1	19.9	17.4	17.7	18.2	19.1	16.4	16.7	17.2	18.1	15.5	15.8	16.3	17.2
	S/T	0.78	0.71	0.58	0.4	1.00	0.72	0.59	0.5	1.00	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	1.00	0.65	0.5	1.00	1.00	0.70	0.6
	ΔT	24	22	18	14	23	21	18	14	24	22	18	14	23	21	18	14	23	21	17	14	24	22	19	15
	kW	1.20	1.20	1.20	1.21	1.33	1.33	1.33	1.34	1.47	1.47	1.47	1.48	1.63	1.63	1.62	1.63	1.80	1.80	1.80	1.81	2.00	2.00	2.00	2.01
	Amps	4.3	4.3	4.2	4.3	4.8	4.8	4.8	4.9	5.5	5.5	5.5	5.5	6.2	6.2	6.2	6.2	7.0	7.0	7.0	7.0	7.9	7.9	7.9	8.0
675	MBh	19.3	19.6	20.1	21.0	19.1	19.4	20.0	20.8	18.7	18.9	19.5	20.3	17.8	18.1	18.7	19.5	16.8	17.1	17.6	18.5	15.9	16.2	16.7	17.6
	S/T	0.79	0.72	0.59	0.5	1.00	0.72	0.60	0.5	1.00	0.75	0.62	0.5	1.00	0.77	0.64	0.5	1.00	1.00	0.66	0.5	1.00	1.00	0.71	0.6
	ΔT	23	21	17	13	22	20	17	13	23	21	17	13	22	20	17	13	22	20	16	13	23	21	18	14
	kW	1.21	1.21	1.20	1.2	1.34	1.33	1.33	1.3	1.48	1.48	1.48	1.5	1.63	1.63	1.63	1.6	1.81	1.80	1.80	1.8	2.01	2.01	2.01	2.0
	Amps	4.3	4.3	4.3	4.3	4.9	4.9	4.9	4.9	5.5	5.5	5.5	5.6	6.2	6.2	6.2	6.3	7.0	7.0	7.0	7.1	8.0	7.9	7.9	8.0

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)

		OUTDOOR AMBIENT TEMPERATURE																																															
		65								75								85								95								105								115							
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																																															
525	MBh	18.7	18.9	19.5	20.3	18.5	18.8	19.3	20.1	18.0	18.3	18.8	19.7	17.2	17.5	18.0	18.8	16.2	16.4	17.0	17.8	15.3	15.5	16.1	16.9																								
	S/T	1.00	0.79	0.67	0.5	1.00	0.80	0.67	0.5	1.00	0.82	0.70	0.6	1.00	1.00	0.71	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.78	0.6																								
	ΔT	29	27	23	20	29	27	23	19	29	27	24	20	29	27	23	19	29	27	23	19	30	28	24	20																								
	kW	1.20	1.19	1.19	1.2	1.32	1.32	1.32	1.3	1.47	1.47	1.46	1.5	1.62	1.62	1.62	1.6	1.79	1.79	1.79	1.8	2.00	2.00	1.99	2.0																								
	Amps	4.2	4.2	4.2	4.3	4.8	4.8	4.8	4.8	4.8	5.5	5.5	5.5	5.5	6.2	6.2	6.2	6.2	7.0	7.0	7.0	7.0	7.9	7.9	7.9	7.9																							
80	MBh	19.0	19.3	19.8	20.6	18.8	19.1	19.6	20.5	18.4	18.6	19.2	20.0	17.5	17.8	18.3	19.2	16.5	16.8	17.3	18.2	15.6	15.9	16.4	17.2																								
	S/T	1.00	0.83	0.70	0.6	1.00	0.83	0.71	0.6	1.00	0.86	0.73	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.82	0.7																								
	ΔT	28	26	22	18	28	26	22	18	28	26	22	19	28	26	22	18	28	26	22	18	29	27	23	19																								
	kW	1.20	1.20	1.20	1.21	1.33	1.33	1.33	1.34	1.47	1.47	1.47	1.48	1.63	1.63	1.63	1.63	1.80	1.80	1.80	1.81	2.00	2.00	2.00	2.01																								
	Amps	4.3	4.3	4.2	4.3	4.8	4.8	4.8	4.9	5.5	5.5	5.5	5.5	6.2	6.2	6.2	6.2	7.0	7.0	7.0	7.0	7.9	7.9	7.9	8.0																								
675	MBh	19.4	19.7	20.2	21.0	19.2	19.5	20.0	20.9	18.8	19.0	19.6	20.4	17.9	18.2	18.7	19.6	16.9	17.2	17.7	18.6	16.0	16.3	16.8	17.7																								
	S/T	1.00	0.84	0.71	0.6	1.00	0.84	0.71	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	1.00	0.7																								
	ΔT	27	25	21	17	27	25	21	17	27	25	21	18	27	25	21	17	27	25	21	17	28	26	22	18																								
	kW	1.21	1.21	1.20	1.2	1.34	1.33	1.33	1.3	1.48	1.48	1.48	1.5	1.63	1.63	1.63	1.6	1.81	1.81	1.80	1.8	2.01	2.01	2.01	2.0																								
	Amps	4.3	4.3	4.3	4.3	4.9	4.9	4.9	4.9	5.5	5.5	5.5	5.6	6.2	6.2	6.2	6.3	7.0	7.0	7.0	7.1	8.0	8.0	7.9	8.0																								

IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
85	MBh	19.0	19.2	19.8	20.6	18.8	19.1	19.6	20.4	18.3	18.6	19.1	20.0	17.5	17.8	18.3	19.1	16.5	16.8	17.3	18.1	15.6	15.8	16.4	17.2
	S/T	1.00	0.89	0.76	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	1.00	0.7
	ΔT	33	31	27	23	33	31	27	23	33	31	28	24	33	31	27	23	33	31	27	23	34	32	28	24
	kW	1.20	1.20	1.20	1.2	1.33	1.33	1.32	1.3	1.47	1.47	1.47	1.5	1.62	1.62	1.62	1.6	1.80	1.80	1.79	1.8	2.00	2.00	2.00	2.0
	Amps	4.2	4.2	4.2	4.3	4.8	4.8	4.8	4.9	5.5	5.5	5.5	5.5	6.2	6.2	6.2	6.2	7.0	7.0	7.0	7.0	7.9	7.9	7.9	7.9
600	MBh	19.3	19.6	20.1	20.9	19.1	19.4	19.9	20.8	18.7	18.9	19.5	20.3	17.8	18.1	18.6	19.5	16.8	17.1	17.6	18.5	15.9	16.2	16.7	17.6
	S/T	1.00	0.92	0.80	0.7	1.00	1.00	0.80	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.84	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
	ΔT	32	30	26	22	32	30	26	22	32	30	26	23	32	30	26	22	31	30	26	22	33	31	27	23
	kW	1.20	1.20	1.20	1.21	1.33	1.33	1.33	1.34	1.48	1.47	1.47	1.48	1.63	1.63	1.63	1.64	1.80	1.80	1.80	1.81	2.01	2.01	2.00	2.01
	Amps	4.3	4.3	4.3	4.3	4.9	4.9	4.8	4.9	5.5	5.5	5.5	5.5	6.2	6.2	6.2	6.3	7.0	7.0	7.0	7.0	7.9	7.9	7.9	8.0
675	MBh	19.7	20.0	20.5	21.4	19.6	19.8	20.4	21.2	19.1	19.3	19.9	20.7	18.2	18.5	19.1	19.9	17.2	17.5	18.1	18.9	16.3	16.6	17.1	18.0
	S/T	1.00	0.93	0.80	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
	ΔT	31	29	25	21	31	29	25	21	31	29	25	22	31	29	25	21	30	29	25	21	32	30	26	22
	kW	1.21	1.21	1.21	1.2	1.34	1.34	1.34	1.3	1.48	1.48	1.48	1.5	1.64	1.64	1.63	1.6	1.81	1.81	1.81	1.8	2.01	2.01	2.01	2.0
	Amps	4.3	4.3	4.3	4.3	4.9	4.9	4.9	4.9	5.5	5.5	5.5	5.6	6.2	6.2	6.2	6.3	7.0	7.0	7.0	7.1	8.0	8.0	8.0	8.0

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)

		OUTDOOR AMBIENT TEMPERATURE																																															
		65								75								85								95								105								115							
		ENTERING INDOOR WET BULB TEMPERATURE																																															
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																				
700	MBh	23.9	24.2	25.0	-	23.7	24.0	24.7	-	23.1	23.4	24.1	-	22.0	22.4	23.1	-	20.7	21.1	21.8	-	19.5	19.9	20.6	-																								
	S/T	0.63	0.55	0.43	-	0.63	0.56	0.43	-	0.66	0.58	0.46	-	1.00	0.60	0.48	-	1.00	0.62	0.50	-	1.00	0.67	0.54	-																								
	ΔT	20	18	15	-	20	18	15	-	21	19	15	-	20	18	15	-	20	18	14	-	21	19	15	-																								
	kW	1.51	1.51	1.51	-	1.69	1.69	1.68	-	1.88	1.88	1.88	-	2.09	2.09	2.09	-	2.33	2.33	2.32	-	2.60	2.60	2.60	-																								
	Amps	5.5	5.5	5.5	-	6.3	6.3	6.3	-	7.2	7.2	7.2	-	8.2	8.2	8.1	-	9.2	9.2	9.2	-	10.5	10.5	10.5	-																								
800	MBh	24.3	24.7	25.4	-	24.1	24.5	25.2	-	23.5	23.9	24.6	-	22.5	22.8	23.5	-	21.2	21.5	22.2	-	20.0	20.3	21.0	-																								
	S/T	0.66	0.59	0.46	-	0.67	0.60	0.47	-	0.69	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-																								
	ΔT	19	17	13	-	19	17	13	-	19	17	14	-	19	17	13	-	19	17	13	-	20	18	14	-																								
	kW	1.52	1.52	1.52	-	1.70	1.69	1.69	-	1.89	1.89	1.89	-	2.10	2.10	2.10	-	2.34	2.33	2.33	-	2.61	2.61	2.61	-																								
	Amps	5.5	5.5	5.5	-	6.3	6.3	6.3	-	7.2	7.2	7.2	-	8.2	8.2	8.2	-	9.3	9.3	9.3	-	10.5	10.5	10.5	-																								
900	MBh	24.9	25.2	25.9	-	24.7	25.0	25.7	-	24.0	24.4	25.1	-	23.0	23.3	24.0	-	21.7	22.0	22.7	-	20.5	20.8	21.5	-																								
	S/T	0.67	0.60	0.47	-	0.67	0.60	0.48	-	1.00	0.63	0.50	-	1.00	0.64	0.52	-	1.00	0.67	0.54	-	1.00	1.00	0.59	-																								
	ΔT	18	16	12	-	18	16	12	-	18	16	13	-	18	16	12	-	18	16	12	-	19	17	13	-																								
	kW	1.53	1.53	1.52	-	1.70	1.70	1.70	-	1.90	1.90	1.89	-	2.11	2.11	2.10	-	2.34	2.34	2.34	-	2.62	2.62	2.61	-																								
	Amps	5.6	5.6	5.6	-	6.4	6.4	6.4	-	7.3	7.3	7.2	-	8.2	8.2	8.2	-	9.3	9.3	9.3	-	10.6	10.6	10.5	-																								

75	700	MBh	23.9	24.3	25.0	26.0	23.7	24.0	24.8	25.8	23.1	23.4	24.1	25.2	22.0	22.4	23.1	24.2	20.7	21.1	21.8	22.9	19.6	19.9	20.6	21.7
		S/T	0.75	0.68	0.55	0.4	0.75	0.68	0.55	0.4	1.00	0.71	0.58	0.4	1.00	0.72	0.60	0.5	1.00	0.74	0.62	0.5	1.00	1.00	0.67	0.5
		ΔT	25	23	19	15	25	23	19	15	25	23	19	15	25	23	19	15	24	22	19	15	26	24	20	16
		kW	1.51	1.51	1.51	1.5	1.69	1.68	1.68	1.7	1.88	1.88	1.88	1.9	2.09	2.09	2.09	2.1	2.33	2.32	2.32	2.3	2.60	2.60	2.60	2.6
		Amps	5.5	5.5	5.5	5.5	6.3	6.3	6.3	6.3	7.2	7.2	7.2	7.2	8.2	8.1	8.1	8.2	9.2	9.2	9.2	9.3	10.5	10.5	10.5	10.5
800	MBh	24.4	24.7	25.4	26.5	24.1	24.5	25.2	26.3	23.5	23.9	24.6	25.6	22.5	22.8	23.5	24.6	21.2	21.5	22.2	23.3	20.0	20.3	21.0	22.1	
	S/T	0.78	0.71	0.58	0.4	1.00	0.72	0.59	0.5	1.00	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	0.78	0.65	0.5	1.00	1.00	0.70	0.6	
	ΔT	23	22	18	14	23	21	18	14	24	22	18	14	23	21	18	14	23	21	17	14	24	22	19	15	
	kW	1.52	1.52	1.52	1.53	1.69	1.69	1.69	1.70	1.89	1.89	1.88	1.90	2.10	2.10	2.09	2.11	2.33	2.33	2.33	2.34	2.61	2.61	2.61	2.62	
	Amps	5.5	5.5	5.5	5.6	6.3	6.3	6.3	6.4	7.2	7.2	7.2	7.3	8.2	8.2	8.2	8.2	9.3	9.3	9.2	9.3	10.5	10.5	10.5	10.6	
900	MBh	24.9	25.2	25.9	27.0	24.7	25.0	25.7	26.8	24.1	24.4	25.1	26.2	23.0	23.3	24.0	25.1	21.7	22.0	22.7	23.8	20.5	20.9	21.6	22.6	
	S/T	0.79	0.72	0.59	0.5	1.00	0.72	0.60	0.5	1.00	0.75	0.62	0.5	1.00	0.77	0.64	0.5	1.00	1.00	0.66	0.5	1.00	1.00	0.71	0.6	
	ΔT	22	21	17	13	22	20	17	13	23	21	17	13	22	20	17	13	22	20	16	13	23	21	18	14	
	kW	1.53	1.53	1.52	1.5	1.70	1.70	1.70	1.7	1.90	1.89	1.89	1.9	2.11	2.11	2.10	2.1	2.34	2.34	2.34	2.4	2.62	2.62	2.61	2.6	
	Amps	5.6	5.6	5.6	5.6	6.4	6.4	6.4	6.4	7.3	7.3	7.2	7.3	8.2	8.2	8.2	8.3	9.3	9.3	9.3	9.3	10.6	10.6	10.5	10.6	

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)

OUTDOOR AMBIENT TEMPERATURE																																																	
65						75						85						95						105						115																			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
700	MBh	24.0	24.4	25.1	26.2	23.8	24.2	24.9	26.0	23.2	23.6	24.3	25.3	22.2	22.5	23.2	24.3	20.9	21.2	21.9	23.0	19.7	20.0	20.7	21.8	1.00	0.79	0.67	0.5	1.00	0.80	0.67	0.5	1.00	0.82	0.70	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.78	0.6				
	S/T																0.71																																
	ΔT	29	27	23	20	29	27	23	19	29	27	24	20	29	27	23	19	29	27	23	19	30	28	24	20																								
	kW	1.51	1.51	1.51	1.5	1.69	1.69	1.68	1.7	1.88	1.88	1.88	1.9	2.09	2.09	2.09	2.09	2.1	2.33	2.33	2.32	2.3	2.60	2.60	2.60	2.6																							
	Amps	5.5	5.5	5.5	5.6	6.3	6.3	6.3	6.3	7.2	7.2	7.2	7.2	8.2	8.2	8.2	8.1	8.2	9.2	9.2	9.2	9.3	10.5	10.5	10.5	10.5																							
800	MBh	24.5	24.8	25.5	26.6	24.3	24.6	25.3	26.4	23.7	24.0	24.7	25.8	22.6	22.9	23.6	24.7	21.3	21.6	22.3	23.4	20.1	20.4	21.2	22.2	1.00	0.83	0.70	0.6	1.00	0.83	0.71	0.6	1.00	0.86	0.73	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.82	0.7
	S/T																																																
	ΔT	28	26	22	18	28	26	22	18	28	26	22	19	28	26	22	18	28	26	22	18	29	27	23	19																								
	kW	1.52	1.52	1.52	1.53	1.70	1.69	1.69	1.70	1.89	1.89	1.89	1.90	2.10	2.10	2.10	2.11	2.34	2.33	2.33	2.34	2.61	2.61	2.61	2.62																								
	Amps	5.5	5.5	5.5	5.6	6.3	6.3	6.3	6.4	7.2	7.2	7.2	7.3	8.2	8.2	8.2	8.2	9.3	9.3	9.3	9.3	10.5	10.5	10.5	10.6																								
900	MBh	25.0	25.3	26.1	27.1	24.8	25.1	25.8	26.9	24.2	24.5	25.2	26.3	23.1	23.5	24.2	25.2	21.8	22.2	22.9	23.9	20.6	21.0	21.7	22.8	1.00	0.84	0.71	0.6	1.00	0.84	0.71	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.82	0.7	1.00	1.00	0.82	0.7
	S/T																																																
	ΔT	27	25	21	17	27	25	21	17	27	25	21	18	27	25	21	17	27	25	21	17	28	26	22	18																								
	kW	1.53	1.53	1.52	1.5	1.70	1.70	1.70	1.7	1.90	1.90	1.89	1.9	2.11	2.11	2.10	2.1	2.34	2.34	2.34	2.4	2.62	2.62	2.61	2.62																								
	Amps	5.6	5.6	5.6	5.6	6.4	6.4	6.4	6.4	7.3	7.3	7.2	7.3	8.2	8.2	8.2	8.3	9.3	9.3	9.3	9.3	10.6	10.6	10.5	10.6																								

	700	MBh	24.4	24.8	25.5	26.6	24.2	24.6	25.3	26.4	23.6	24.0	24.7	25.7	22.6	22.9	23.6	24.7	21.3	21.6	22.3	23.4	20.1	20.4	21.1	22.2
		S/T	1.00	0.89	0.76	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	1.00	0.7
		ΔT	33	31	27	23	33	31	27	23	33	31	27	24	33	31	27	23	33	31	27	23	34	32	28	24
		kW	1.52	1.51	1.51	1.5	1.69	1.69	1.69	1.7	1.88	1.88	1.88	1.9	2.09	2.09	2.09	2.1	2.33	2.33	2.33	2.3	2.61	2.60	2.60	2.6
		Amps	5.5	5.5	5.5	5.6	6.3	6.3	6.3	6.4	7.2	7.2	7.2	7.3	8.2	8.2	8.2	8.2	9.2	9.2	9.2	9.3	10.5	10.5	10.5	10.6
85	800	MBh	24.9	25.2	25.9	27.0	24.7	25.0	25.7	26.8	24.1	24.4	25.1	26.2	23.0	23.3	24.0	25.1	21.7	22.0	22.7	23.8	20.5	20.8	21.5	22.6
		S/T	1.00	0.92	0.80	0.7	1.00	1.00	0.80	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.84	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
		ΔT	32	30	26	22	32	30	26	22	32	30	26	22	32	30	26	22	31	29	26	22	33	31	27	23
		kW	1.52	1.52	1.52	1.53	1.70	1.70	1.69	1.71	1.89	1.89	1.89	1.90	2.10	2.10	2.10	2.11	2.34	2.34	2.33	2.35	2.61	2.61	2.61	2.62
		Amps	5.6	5.6	5.5	5.6	6.4	6.4	6.3	6.4	7.2	7.2	7.2	7.3	8.2	8.2	8.2	8.3	9.3	9.3	9.3	9.3	10.5	10.5	10.5	10.6
	900	MBh	25.4	25.7	26.4	27.5	25.2	25.5	26.2	27.3	24.6	24.9	25.6	26.7	23.5	23.9	24.6	25.6	22.2	22.6	23.3	24.3	21.0	21.4	22.1	23.2
		S/T	1.00	0.93	0.80	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
		ΔT	31	29	25	21	31	29	25	21	31	29	25	21	31	29	25	21	30	28	25	21	32	30	26	22
		kW	1.53	1.53	1.53	1.5	1.71	1.70	1.70	1.7	1.90	1.90	1.90	1.9	2.11	2.11	2.11	2.1	2.35	2.34	2.34	2.4	2.62	2.62	2.62	2.6
		Amps	5.6	5.6	5.6	5.6	6.4	6.4	6.4	6.4	7.3	7.3	7.3	7.3	8.2	8.2	8.2	8.3	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.6

		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
875	MBh	29.1	29.5	30.4	-	28.8	29.2	30.1	-	28.1	28.5	29.4	-	26.8	27.2	28.0	-	25.2	25.6	26.5	-	23.7	24.1	25.0	-
	S/T	0.61	0.53	0.40	-	0.61	0.54	0.40	-	0.64	0.56	0.43	-	1.00	0.58	0.45	-	1.00	0.60	0.47	-	1.00	0.66	0.52	-
	ΔT	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	21	19	16	-
	kW	1.86	1.86	1.86	-	2.08	2.07	2.07	-	2.31	2.31	2.31	-	2.57	2.57	2.56	-	2.85	2.85	2.85	-	3.19	3.19	3.18	-
	Amps	6.5	6.5	6.5	-	7.5	7.5	7.5	-	8.6	8.6	8.5	-	9.7	9.7	9.7	-	11.0	11.0	11.0	-	12.6	12.6	12.5	-
1000	MBh	29.5	29.9	30.8	-	29.2	29.6	30.5	-	28.5	28.9	29.7	-	27.2	27.6	28.4	-	25.6	26.0	26.8	-	24.1	24.5	25.4	-
	S/T	0.67	0.59	0.46	-	0.67	0.60	0.46	-	1.00	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.72	0.58	-
	ΔT	19	17	14	-	19	17	14	-	19	17	14	-	19	17	13	-	19	17	13	-	20	18	14	-
	kW	1.87	1.87	1.87	-	2.09	2.08	2.08	-	2.32	2.32	2.32	-	2.58	2.58	2.57	-	2.86	2.86	2.86	-	3.20	3.20	3.19	-
	Amps	6.6	6.6	6.5	-	7.5	7.5	7.5	-	8.6	8.6	8.6	-	9.8	9.8	9.8	-	11.1	11.1	11.1	-	12.6	12.6	12.6	-
1125	MBh	29.9	30.3	31.2	-	29.7	30.1	31.0	-	28.9	29.3	30.2	-	27.6	28.0	28.9	-	26.0	26.4	27.3	-	24.6	25.0	25.8	-
	S/T	0.70	0.63	0.49	-	0.71	0.63	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	1.00	0.61	-
	ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	12	-	19	17	13	-
	kW	1.88	1.88	1.88	-	2.10	2.09	2.09	-	2.33	2.33	2.33	-	2.59	2.59	2.58	-	2.87	2.87	2.87	-	3.21	3.21	3.20	-
	Amps	6.6	6.6	6.6	-	7.6	7.6	7.5	-	8.7	8.6	8.6	-	9.8	9.8	9.8	-	11.1	11.1	11.1	-	12.7	12.7	12.6	-

	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																	
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
75	MBh	29.1	29.5	30.4	31.7	28.9	29.3	30.1	31.5	28.1	28.5	29.4	30.7	26.8	27.2	28.1	29.4	23.7	24.1
	S/T	0.74	0.66	0.52	0.4	1.00	0.67	0.53	0.4	1.00	0.69	0.56	0.4	1.00	0.71	0.58	0.4	1.00	1.00
	ΔT	24	22	19	15	24	22	19	15	24	22	19	15	24	22	19	15	25	23
	kW	1.86	1.86	1.86	1.9	2.07	2.07	2.07	2.1	2.31	2.31	2.30	2.3	2.57	2.56	2.56	2.6	3.19	3.18
	Amps	6.5	6.5	6.5	6.6	7.5	7.5	7.4	7.5	8.6	8.5	8.5	8.6	9.7	9.7	9.7	9.8	12.6	12.5
	MBh	29.5	29.9	30.8	32.1	29.2	29.6	30.5	31.8	28.5	28.9	29.8	31.1	27.2	27.6	28.4	29.8	24.1	24.5
	S/T	0.80	0.72	0.58	0.4	1.00	0.73	0.59	0.4	1.00	0.75	0.62	0.5	1.00	0.77	0.64	0.5	1.00	1.00
	ΔT	23	21	18	14	23	21	18	14	23	21	18	14	23	21	18	14	24	22
	kW	1.87	1.87	1.87	1.88	2.08	2.08	2.08	2.10	2.32	2.32	2.32	2.33	2.58	2.58	2.57	2.59	3.20	3.19
	Amps	6.6	6.5	6.5	6.6	7.5	7.5	7.5	7.6	8.6	8.6	8.6	8.7	9.8	9.8	9.8	9.8	12.6	12.6
	MBh	30.0	30.4	31.2	32.6	29.7	30.1	31.0	32.3	28.9	29.3	30.2	31.5	27.6	28.0	28.9	30.2	24.6	25.0
	S/T	0.83	0.75	0.62	0.5	1.00	0.76	0.63	0.5	1.00	0.79	0.65	0.5	1.00	0.81	0.67	0.5	1.00	1.00
	ΔT	22	20	17	13	22	20	17	13	22	20	17	13	22	20	17	13	23	21
	kW	1.88	1.88	1.88	1.9	2.09	2.09	2.09	2.1	2.33	2.33	2.33	2.3	2.59	2.58	2.58	2.6	3.21	3.20
	Amps	6.6	6.6	6.6	6.6	7.6	7.6	7.5	7.6	8.6	8.6	8.6	8.7	9.8	9.8	9.8	9.9	12.7	12.6

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)

		OUTDOOR AMBIENT TEMPERATURE																							
		65								75								85							
																		95							
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	29.3	29.7	30.5	31.9	29.0	29.4	30.3	31.6	28.2	28.7	29.5	30.9	26.9	27.3	28.2	29.5	25.3	25.8	26.6	27.9	23.9	24.3	25.2	26.5
	S/T	1.00	0.79	0.65	0.5	1.00	0.79	0.66	0.5	1.00	0.82	0.68	0.5	1.00	1.00	0.70	0.6	1.00	1.00	0.72	0.6	1.00	1.00	0.78	0.6
	ΔT	28	26	23	19	28	26	23	19	28	26	23	19	28	26	23	19	28	26	22	19	29	27	24	20
	kW	1.86	1.86	1.86	1.9	2.08	2.07	2.07	2.1	2.31	2.31	2.31	2.3	2.57	2.57	2.56	2.6	2.85	2.85	2.85	2.9	3.19	3.19	3.18	3.2
	Amps	6.5	6.5	6.5	6.6	7.5	7.5	7.5	7.5	8.6	8.6	8.5	8.6	9.7	9.7	9.7	9.8	11.0	11.0	11.0	11.1	12.6	12.6	12.5	12.6
	MBh	29.6	30.1	30.9	32.3	29.4	29.8	30.7	32.0	28.6	29.0	29.9	31.2	27.3	27.7	28.6	29.9	25.7	26.1	27.0	28.3	24.3	24.7	25.5	26.9
	S/T	1.00	0.85	0.71	0.6	1.00	0.85	0.72	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	1.00	0.7
	ΔT	27	25	22	18	27	25	22	18	27	25	22	18	27	25	22	18	27	25	21	18	28	26	23	19
	kW	1.87	1.87	1.87	1.89	2.09	2.08	2.08	2.10	2.32	2.32	2.32	2.33	2.58	2.58	2.57	2.59	2.86	2.86	2.86	2.87	3.20	3.20	3.19	3.21
	Amps	6.6	6.6	6.5	6.6	7.5	7.5	7.5	7.6	8.6	8.6	8.6	8.7	9.8	9.8	9.8	9.8	11.1	11.1	11.1	11.1	12.6	12.6	12.6	12.7
	MBh	30.1	30.5	31.4	32.7	29.8	30.3	31.1	32.5	29.1	29.5	30.4	31.7	27.8	28.2	29.1	30.4	26.2	26.6	27.5	28.8	24.7	25.1	26.0	27.3
	S/T	1.00	0.88	0.74	0.6	1.00	0.89	0.75	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	1.00	0.7
	ΔT	26	24	21	17	26	24	21	17	26	24	21	17	26	24	21	17	26	24	20	17	27	25	22	18
	kW	1.88	1.88	1.88	1.9	2.10	2.09	2.09	2.1	2.33	2.33	2.33	2.3	2.59	2.59	2.58	2.6	2.87	2.87	2.87	2.9	3.21	3.21	3.20	3.2
	Amps	6.6	6.6	6.6	6.7	7.6	7.6	7.5	7.6	8.7	8.6	8.6	8.7	9.8	9.8	9.8	9.9	11.1	11.1	11.1	11.2	12.7	12.7	12.6	12.7

		OUTDOOR AMBIENT TEMPERATURE																							
		65								75								85							
																		95							
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
85	MBh	29.8	30.2	31.0	32.4	29.5	29.9	30.8	32.1	28.7	29.1	30.0	31.3	27.4	27.8	28.7	30.0	25.8	26.2	27.1	28.4	24.4	24.8	25.7	27.0
	S/T	1.00	0.89	0.75	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.80	0.7	1.00	1.00	1.00	0.7
	ΔT	32	30	26	23	32	30	26	23	32	30	27	23	32	30	26	23	31	30	26	23	33	31	27	24
	kW	1.87	1.87	1.86	1.9	2.08	2.08	2.07	2.1	2.32	2.31	2.31	2.3	2.57	2.57	2.57	2.6	2.86	2.85	2.85	2.9	3.19	3.19	3.19	3.2
	Amps	6.5	6.5	6.5	6.6	7.5	7.5	7.5	7.5	8.6	8.6	8.6	8.6	9.7	9.7	9.7	9.8	11.1	11.0	11.0	11.1	12.6	12.6	12.6	12.6
	MBh	30.1	30.5	31.4	32.7	29.9	30.3	31.2	32.5	29.1	29.5	30.4	31.7	27.8	28.2	29.1	30.4	26.2	26.6	27.5	28.8	24.8	25.2	26.0	27.4
	S/T	1.00	0.95	0.81	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.86	0.7	1.00	1.00	1.00	0.8
	ΔT	31	29	25	22	31	29	25	22	31	29	26	22	31	29	25	22	30	28	25	21	31	30	26	23
	kW	1.88	1.88	1.87	1.89	2.09	2.09	2.08	2.10	2.33	2.32	2.32	2.34	2.58	2.58	2.58	2.59	2.87	2.87	2.86	2.88	3.20	3.20	3.20	3.21
	Amps	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.6	8.6	8.6	8.6	8.7	9.8	9.8	9.8	9.8	11.1	11.1	11.1	11.2	12.6	12.6	12.6	12.7
	MBh	30.6	31.0	31.9	33.2	30.3	30.7	31.6	32.9	29.6	30.0	30.9	32.2	28.3	28.7	29.5	30.9	26.7	27.1	28.0	29.3	25.2	25.6	26.5	27.8
	S/T	1.00	0.98	0.85	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.88	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
	ΔT	30	28	24	21	30	28	24	21	30	28	25	21	30	28	24	21	29	28	24	20	31	29	25	22
	kW	1.89	1.89	1.88	1.9	2.10	2.10	2.09	2.1	2.34	2.33	2.33	2.3	2.59	2.59	2.59	2.6	2.88	2.88	2.87	2.9	3.21	3.21	3.21	3.2
	Amps	6.6	6.6	6.6	6.7	7.6	7.6	7.6	7.6	8.7	8.7	8.6	8.7	9.8	9.8	9.8	9.9	11.1	11.1	11.1	11.2	12.7	12.7	12.7	12.7

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)

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																																			
				65						75						85						95						105						115					
				ENTERING INDOOR WET BULB TEMPERATURE																																			
70	1050	MBh	34.9	35.4	36.5	-	34.6	35.1	36.1	-	33.7	34.2	35.2	-	32.1	32.6	33.7	-	30.2	30.7	31.8	-	28.5	29.0	30.0	-													
		S/T	0.63	0.55	0.42	-	0.64	0.56	0.42	-	0.66	0.58	0.45	-	1.00	0.60	0.47	-	1.00	0.63	0.49	-	1.00	0.68	0.54	-													
		ΔT	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	21	19	15	-													
		kW	2.19	2.19	2.19	-	2.46	2.46	2.45	-	2.75	2.75	2.75	-	3.08	3.07	3.07	-	3.43	3.43	3.43	-	3.85	3.85	3.85	-													
		Amps	8.0	8.0	8.0	-	9.2	9.2	9.2	-	10.6	10.6	10.6	-	12.1	12.0	12.0	-	13.7	13.7	13.7	-	15.6	15.6	15.6	-													
70	1150	MBh	35.3	35.7	36.8	-	34.9	35.4	36.5	-	34.0	34.5	35.6	-	32.5	33.0	34.0	-	30.6	31.0	32.1	-	28.8	29.3	30.3	-													
		S/T	0.67	0.59	0.46	-	0.67	0.60	0.46	-	1.00	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.72	0.58	-													
		ΔT	19	17	14	-	19	17	14	-	19	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-													
		kW	2.20	2.20	2.20	-	2.47	2.47	2.46	-	2.76	2.76	2.76	-	3.08	3.08	3.08	-	3.44	3.44	3.44	-	3.86	3.86	3.86	-													
		Amps	8.1	8.1	8.0	-	9.3	9.3	9.2	-	10.6	10.6	10.6	-	12.1	12.1	12.1	-	13.7	13.7	13.7	-	15.7	15.6	15.6	-													
1350	MBh	36.0	36.5	37.6	-	35.7	36.2	37.3	-	34.8	35.3	36.4	-	33.3	33.8	34.8	-	31.4	31.8	32.9	-	29.6	30.1	31.1	-														
	S/T	0.71	0.63	0.50	-	0.72	0.64	0.50	-	1.00	0.66	0.53	-	1.00	0.68	0.55	-	1.00	0.71	0.57	-	1.00	1.00	0.62	-														
	ΔT	18	16	13	-	18	16	12	-	18	16	13	-	18	16	12	-	18	16	12	-	19	17	13	-														
	kW	2.22	2.22	2.21	-	2.48	2.48	2.48	-	2.78	2.78	2.77	-	3.10	3.10	3.09	-	3.46	3.46	3.45	-	3.88	3.88	3.87	-														
	Amps	8.1	8.1	8.1	-	9.4	9.3	9.3	-	10.7	10.7	10.7	-	12.2	12.2	12.1	-	13.8	13.8	13.8	-	15.7	15.7	15.7	-														

75	1050	MBh	34.9	35.4	36.5	38.1	34.6	35.1	36.2	37.8	33.7	34.2	35.3	36.8	32.2	32.7	33.7	35.3	30.3	30.7	31.8	33.4	28.5	29.0	30.0	31.6
		S/T	0.76	0.68	0.55	0.4	1.00	0.69	0.55	0.4	1.00	0.71	0.58	0.4	1.00	0.73	0.60	0.5	1.00	1.00	0.62	0.5	1.00	1.00	0.67	0.5
		ΔT	24	22	19	15	24	22	19	15	24	23	19	15	24	22	19	15	24	22	18	15	25	23	20	16
		kW	2.19	2.19	2.19	2.2	2.46	2.46	2.45	2.5	2.75	2.75	2.75	2.8	3.07	3.07	3.07	3.1	3.43	3.43	3.42	3.4	3.85	3.85	3.84	3.9
		Amps	8.0	8.0	8.0	8.1	9.2	9.2	9.2	9.3	10.6	10.6	10.6	10.6	12.0	12.0	12.0	12.1	13.7	13.7	13.7	13.7	15.6	15.6	15.6	15.7
1150		MBh	35.3	35.8	36.8	38.4	35.0	35.5	36.5	38.1	34.1	34.5	35.6	37.2	32.5	33.0	34.0	35.6	30.6	31.1	32.1	33.7	28.8	29.3	30.4	32.0
		S/T	0.80	0.72	0.58	0.4	1.00	0.73	0.59	0.4	1.00	0.75	0.62	0.5	1.00	0.77	0.64	0.5	1.00	1.00	0.66	0.5	1.00	1.00	0.71	0.6
		ΔT	23	22	18	14	23	21	18	14	24	22	18	15	23	21	18	14	23	21	18	14	24	22	19	15
		kW	2.20	2.20	2.20	2.22	2.47	2.46	2.46	2.48	2.76	2.76	2.76	2.78	3.08	3.08	3.08	3.10	3.44	3.44	3.43	3.45	3.86	3.86	3.85	3.87
		Amps	8.1	8.0	8.0	8.1	9.3	9.3	9.2	9.3	10.6	10.6	10.6	10.7	12.1	12.1	12.1	12.2	13.7	13.7	13.7	13.8	15.6	15.6	15.6	15.7
1350		MBh	36.1	36.6	37.6	39.2	35.8	36.2	37.3	38.9	34.8	35.3	36.4	38.0	33.3	33.8	34.8	36.4	31.4	31.9	32.9	34.5	29.6	30.1	31.2	32.7
		S/T	0.84	0.76	0.63	0.5	1.00	0.77	0.63	0.5	1.00	0.79	0.66	0.5	1.00	0.81	0.68	0.5	1.00	1.00	0.70	0.6	1.00	1.00	0.75	0.6
		ΔT	22	20	17	13	22	20	17	13	22	20	17	13	22	20	17	13	22	20	16	13	23	21	18	14
		kW	2.22	2.22	2.21	2.2	2.48	2.48	2.48	2.5	2.78	2.78	2.77	2.8	3.10	3.10	3.09	3.1	3.46	3.45	3.45	3.5	3.88	3.87	3.87	3.9
		Amps	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.4	10.7	10.7	10.7	10.8	12.2	12.2	12.1	12.2	13.8	13.8	13.8	13.9	15.7	15.7	15.7	15.8

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)

		OUTDOOR AMBIENT TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		65						75						85						95						105						115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
1050	MBh	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	S/T	35.1	35.6	36.7	38.2	34.8	35.3	36.3	37.9	33.9	34.4	35.4	37.0	32.3	32.8	33.9	35.5	30.4	30.9	32.0	33.6	28.7	29.2	30.2	31.8	1.00	0.81	0.67	0.5	1.00	0.84	0.70	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.80	0.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	ΔT	28	26	23	19	28	26	23	19	29	27	23	20	28	26	23	19	28	26	23	19	29	27	23	20	28	26	23	19	29	27	23	19	29	27	24	20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	kW	2.19	2.19	2.19	2.2	2.46	2.46	2.45	2.5	2.75	2.75	2.75	2.8	3.07	3.07	3.07	3.1	3.43	3.43	3.43	3.4	3.85	3.85	3.85	3.9	2.19	2.19	2.19	2.2	2.46	2.46	2.45	2.5	2.75	2.75	2.75	2.8	3.07	3.07	3.1	3.43	3.43	3.43	3.4	3.85	3.85	3.85	3.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	Amps	8.0	8.0	8.0	8.1	9.2	9.2	9.2	9.3	10.6	10.6	10.6	10.7	12.1	12.0	12.0	12.1	13.7	13.7	13.7	13.8	15.6	15.6	15.6	15.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
80	MBh	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	59	63	67	71	59	63	67	71	59	63	67	71																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	S/T	35.5	35.9	37.0	38.6	35.1	35.6	36.7	38.3	34.2	34.7	35.8	37.4	32.7	33.2	34.2	35.8	30.8	31.2	32.3	33.9	29.0	29.5	30.5	32.1	1.00	0.85	0.71	0.6	1.00	0.85	0.72	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.78	0.6	1.00

	1050	MBh	35.7	36.2	37.2	38.8	35.4	35.9	36.9	38.5	34.5	35.0	36.0	37.6	32.9	33.4	34.5	36.0	31.0	31.5	32.5	34.1	29.3	29.8	30.8	32.4
		S/T	1.00	0.91	0.77	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
		ΔT	32	30	27	23	32	30	27	23	32	30	27	23	32	30	27	23	32	30	26	23	33	31	28	24
		kW	2.20	2.20	2.19	2.2	2.46	2.46	2.46	2.5	2.76	2.76	2.75	2.8	3.08	3.08	3.07	3.1	3.44	3.44	3.43	3.5	3.86	3.86	3.85	3.9
		Amps	8.0	8.0	8.0	8.1	9.3	9.2	9.2	9.3	10.6	10.6	10.6	10.7	12.1	12.1	12.0	12.1	13.7	13.7	13.7	13.8	15.6	15.6	15.6	15.7
85	1150	MBh	36.0	36.5	37.6	39.2	35.7	36.2	37.3	38.8	34.8	35.3	36.3	37.9	33.3	33.7	34.8	36.4	31.3	31.8	32.9	34.5	29.6	30.1	31.1	32.7
		S/T	1.00	0.95	0.81	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
		ΔT	31	29	26	22	31	29	26	22	32	30	26	22	31	29	26	22	31	29	26	22	32	30	27	23
		kW	2.21	2.21	2.20	2.22	2.47	2.47	2.47	2.49	2.77	2.77	2.76	2.78	3.09	3.09	3.08	3.10	3.45	3.44	3.44	3.46	3.87	3.86	3.86	3.88
		Amps	8.1	8.1	8.1	8.1	9.3	9.3	9.3	9.4	10.7	10.6	10.6	10.7	12.1	12.1	12.1	12.2	13.8	13.7	13.7	13.8	15.7	15.7	15.6	15.7
	1350	MBh	36.8	37.3	38.4	39.9	36.5	37.0	38.1	39.6	35.6	36.1	37.1	38.7	34.0	34.5	35.6	37.2	32.1	32.6	33.7	35.3	30.4	30.9	31.9	33.5
		S/T	1.00	1.00	0.85	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
		ΔT	30	28	25	21	30	28	25	21	30	28	25	21	30	28	25	21	30	28	24	21	31	29	25	22
		kW	2.22	2.22	2.22	2.2	2.49	2.49	2.48	2.5	2.78	2.78	2.78	2.8	3.10	3.10	3.10	3.1	3.46	3.46	3.46	3.5	3.88	3.88	3.88	3.9
		Amps	8.2	8.1	8.1	8.2	9.4	9.4	9.3	9.4	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.3	13.8	13.8	13.8	13.9	15.7	15.7	15.7	15.8

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)

		OUTDOOR AMBIENT TEMPERATURE																																															
		65								75								85								95								105								115							
		ENTERING INDOOR WET BULB TEMPERATURE																																															
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																				
	MBh	40.3	40.8	42.0	-	39.9	40.5	41.7	-	38.9	39.4	40.6	-	37.1	37.6	38.8	-	34.9	35.4	36.6	-	32.8	33.4	34.6	-	32.8	33.4	34.6	-																				
	S/T	0.62	0.54	0.41	-	0.62	0.55	0.41	-	0.65	0.57	0.44	-	0.67	0.59	0.46	-	1.00	0.61	0.48	-	1.00	0.67	0.53	-	1.00	0.67	0.53	-																				
	ΔT	20	18	15	-	20	18	14	-	20	18	15	-	20	18	14	-	20	18	14	-	21	19	15	-	21	19	15	-																				
	kW	2.61	2.61	2.61	-	2.89	2.89	2.89	-	3.21	3.21	3.20	-	3.55	3.55	3.54	-	3.93	3.92	3.92	-	4.37	4.37	4.37	-	4.37	4.37	4.37	-																				
	Amps	9.2	9.2	9.2	-	10.5	10.5	10.5	-	11.9	11.9	11.9	-	13.5	13.5	13.5	-	15.2	15.2	15.2	-	17.3	17.2	17.2	-	17.3	17.2	17.2	-																				
70	MBh	40.7	41.3	42.5	-	40.4	40.9	42.1	-	39.3	39.9	41.1	-	37.5	38.1	39.3	-	35.3	35.9	37.1	-	33.3	33.8	35.0	-	33.3	33.8	35.0	-																				
	S/T	0.67	0.59	0.45	-	0.67	0.60	0.46	-	0.70	0.62	0.48	-	1.00	0.64	0.50	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-	1.00	0.71	0.58	-																				
	ΔT	19	17	14	-	19	17	14	-	19	17	14	-	19	17	14	-	19	17	13	-	20	18	14	-	20	18	14	-																				
	kW	2.63	2.62	2.62	-	2.91	2.90	2.90	-	3.22	3.22	3.21	-	3.56	3.56	3.55	-	3.94	3.94	3.93	-	4.38	4.38	4.38	-	4.38	4.38	4.38	-																				
	Amps	9.3	9.2	9.2	-	10.5	10.5	10.5	-	12.0	12.0	11.9	-	13.5	13.5	13.5	-	15.3	15.3	15.2	-	17.3	17.3	17.3	-	17.3	17.3	17.3	-																				
	MBh	41.5	42.1	43.3	-	41.2	41.7	42.9	-	40.1	40.7	41.9	-	38.3	38.9	40.1	-	36.1	36.7	37.9	-	34.1	34.6	35.8	-	34.1	34.6	35.8	-																				
	S/T	0.70	0.63	0.49	-	0.71	0.63	0.50	-	0.73	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.75	0.62	-	1.00	0.75	0.62	-																				
	ΔT	18	16	12	-	18	16	12	-	18	16	13	-	18	16	12	-	17	16	12	-	19	17	13	-	19	17	13	-																				
	kW	2.64	2.64	2.63	-	2.92	2.92	2.91	-	3.23	3.23	3.23	-	3.57	3.57	3.57	-	3.95	3.95	3.95	-	4.40	4.40	4.39	-	4.40	4.40	4.39	-																				
	Amps	9.3	9.3	9.3	-	10.6	10.6	10.6	-	12.0	12.0	12.0	-	13.6	13.6	13.6	-	15.3	15.3	15.3	-	17.4	17.4	17.3	-	17.4	17.4	17.3	-																				

75	MBh	40.3	40.9	42.1	43.9	39.9	40.5	41.7	43.5	38.9	39.5	40.7	42.5	37.1	37.7	38.9	40.7	34.9	35.4	36.6	38.5	32.9	33.4	34.6	36.5
	S/T	0.75	0.67	0.54	0.4	0.75	0.68	0.54	0.4	1.00	0.70	0.57	0.4	1.00	0.72	0.59	0.4	1.00	0.74	0.61	0.5	1.00	1.00	0.66	0.5
	ΔT	24	22	19	15	24	22	19	15	24	22	19	15	24	22	19	15	24	22	18	15	25	23	19	16
	kW	2.61	2.61	2.60	2.6	2.89	2.89	2.89	2.9	3.21	3.20	3.20	3.2	3.55	3.54	3.54	3.6	3.93	3.92	3.92	3.9	4.37	4.37	4.36	4.4
	Amps	9.2	9.2	9.2	9.3	10.5	10.5	10.5	10.6	11.9	11.9	11.9	12.0	13.5	13.5	13.4	13.5	15.2	15.2	15.2	15.3	17.2	17.2	17.2	17.3
1225	MBh	40.7	41.3	42.5	44.3	40.4	40.9	42.1	44.0	39.3	39.9	41.1	42.9	37.5	38.1	39.3	41.1	35.3	35.9	37.1	38.9	33.3	33.9	35.1	36.9
	S/T	0.79	0.72	0.58	0.4	0.80	0.72	0.59	0.4	1.00	0.75	0.61	0.5	1.00	0.77	0.63	0.5	1.00	0.79	0.66	0.5	1.00	1.00	0.71	0.6
	ΔT	23	21	18	14	23	21	18	14	23	21	18	14	23	21	18	14	23	21	17	14	24	22	19	15
	kW	2.62	2.62	2.62	2.64	2.90	2.90	2.90	2.92	3.22	3.22	3.21	3.23	3.56	3.56	3.55	3.57	3.94	3.93	3.93	3.95	4.38	4.38	4.38	4.40
	Amps	9.3	9.2	9.2	9.3	10.5	10.5	10.5	10.6	12.0	12.0	11.9	12.0	13.5	13.5	13.5	13.6	15.3	15.3	15.2	15.3	17.3	17.3	17.3	17.4
1365	MBh	41.5	42.1	43.3	45.1	41.2	41.7	42.9	44.8	40.1	40.7	41.9	43.7	38.3	38.9	40.1	41.9	36.1	36.7	37.9	39.7	34.1	34.7	35.9	37.7
	S/T	0.83	0.76	0.62	0.5	1.00	0.76	0.63	0.5	1.00	0.79	0.65	0.5	1.00	0.81	0.67	0.5	1.00	0.83	0.69	0.6	1.00	1.00	0.75	0.6
	ΔT	22	20	17	13	22	20	17	13	22	20	17	13	22	20	17	13	22	20	16	13	23	21	17	14
	kW	2.64	2.64	2.63	2.7	2.92	2.92	2.91	2.9	3.23	3.23	3.23	3.2	3.57	3.57	3.57	3.6	3.95	3.95	3.94	4.0	4.40	4.39	4.39	4.4
	Amps	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.0	12.0	12.0	12.1	13.6	13.6	13.6	13.7	15.3	15.3	15.3	15.4	17.4	17.4	17.3	17.4
1575	MBh	41.5	42.1	43.3	45.1	41.2	41.7	42.9	44.8	40.1	40.7	41.9	43.7	38.3	38.9	40.1	41.9	36.1	36.7	37.9	39.7	34.1	34.7	35.9	37.7
	S/T	0.83	0.76	0.62	0.5	1.00	0.76	0.63	0.5	1.00	0.79	0.65	0.5	1.00	0.81	0.67	0.5	1.00	0.83	0.69	0.6	1.00	1.00	0.75	0.6
	ΔT	22	20	17	13	22	20	17	13	22	20	17	13	22	20	17	13	22	20	16	13	23	21	17	14
	kW	2.64	2.64	2.63	2.7	2.92	2.92	2.91	2.9	3.23	3.23	3.23	3.2	3.57	3.57	3.57	3.6	3.95	3.95	3.94	4.0	4.40	4.39	4.39	4.4
	Amps	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.0	12.0	12.0	12.1	13.6	13.6	13.6	13.7	15.3	15.3	15.3	15.4	17.4	17.4	17.3	17.4

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)

IDB		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						95						105						115					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
1225	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												
	MBh	40.5	41.1	42.3	44.1	40.1	40.7	41.9	43.7	39.1	39.7	40.9	42.7	37.3	37.9	39.1	40.9	35.1	35.7	36.9	38.7	33.1	33.6	34.8	36.7												
	S/T	1.00	0.80	0.66	0.5	1.00	0.80	0.67	0.5	1.00	0.83	0.69	0.5	1.00	0.85	0.71	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.79	0.6												
	ΔT	28	26	23	19	28	26	23	19	28	26	23	19	28	26	23	19	28	26	22	19	29	27	24	20												
	kW	2.61	2.61	2.61	2.6	2.89	2.89	2.89	2.9	3.21	3.21	3.20	3.2	3.55	3.55	3.54	3.6	3.93	3.92	3.92	3.9	4.37	4.37	4.36	4.4												
1365	Amps	9.2	9.2	9.2	9.3	10.5	10.5	10.5	10.6	11.9	11.9	11.9	12.0	13.5	13.5	13.4	13.5	15.2	15.2	15.2	15.3	17.3	17.2	17.2	17.3												
	MBh	40.9	41.5	42.7	44.5	40.6	41.2	42.4	44.2	39.5	40.1	41.3	43.1	37.7	38.3	39.5	41.3	35.5	36.1	37.3	39.1	33.5	34.1	35.3	37.1												
	S/T	1.00	0.84	0.71	0.6	1.00	0.85	0.71	0.6	1.00	0.87	0.74	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.83	0.7												
	ΔT	27	25	22	18	27	25	22	18	27	26	22	18	27	25	22	18	27	25	22	18	28	26	23	19												
	kW	2.62	2.62	2.62	2.64	2.91	2.90	2.90	2.92	3.22	3.22	3.21	3.23	3.56	3.56	3.55	3.57	3.94	3.94	3.93	3.95	4.38	4.38	4.38	4.40												
1575	Amps	9.3	9.2	9.2	9.3	10.5	10.5	10.5	10.6	12.0	12.0	11.9	12.0	13.5	13.5	13.5	13.6	15.3	15.3	15.2	15.3	17.3	17.3	17.3	17.4												
	MBh	41.7	42.3	43.5	45.3	41.4	42.0	43.2	45.0	40.3	40.9	42.1	43.9	38.5	39.1	40.3	42.1	36.3	36.9	38.1	39.9	34.3	34.9	36.1	37.9												
	S/T	1.00	0.88	0.75	0.6	1.00	0.89	0.75	0.6	1.00	0.91	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.87	0.7												
	ΔT	26	24	21	17	26	24	21	17	26	24	21	17	26	24	21	17	26	24	20	17	27	25	22	18												
	kW	2.64	2.64	2.63	2.7	2.92	2.92	2.91	2.9	3.23	3.23	3.23	3.2	3.57	3.57	3.57	3.6	3.95	3.95	3.95	4.0	4.40	4.40	4.39	4.4												
80	Amps	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.0	12.0	12.0	12.1	13.6	13.6	13.6	13.7	15.3	15.3	15.3	15.4	17.4	17.4	17.3	17.4												

85	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
	MBh	41.2	41.8	43.0	44.8	40.8	41.4	42.6	44.4	39.8	40.3	41.5	43.4	38.0	38.5	39.7	41.6	35.8	36.3	37.5	39.4	33.7	34.3	35.5	37.3
	S/T	1.00	0.90	0.76	0.6	1.00	0.90	0.77	0.6	1.00	1.00	0.79	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	1.00	0.7
	ΔT	32	30	26	23	32	30	26	23	32	30	27	23	32	30	26	23	32	30	26	22	33	31	27	24
	kW	2.62	2.62	2.61	2.6	2.90	2.90	2.89	2.9	3.21	3.21	3.21	3.2	3.55	3.55	3.55	3.6	3.93	3.93	3.93	3.9	4.38	4.38	4.37	4.4

85	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
	MBh	41.6	42.2	43.4	45.2	41.3	41.8	43.0	44.9	40.2	40.8	42.0	43.8	38.4	39.0	40.2	42.0	36.2	36.8	38.0	39.8	34.2	34.8	36.0	37.8
	S/T	1.00	0.94	0.81	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	1.00	0.8
	ΔT	31	29	25	22	31	29	25	22	31	29	26	22	31	29	25	22	30	29	25	22	32	30	26	23
	kW	2.63	2.63	2.62	2.64	2.91	2.91	2.90	2.93	3.22	3.22	3.22	3.24	3.56	3.56	3.56	3.58	3.94	3.94	3.94	3.96	4.39	4.39	4.38	4.40

85	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
	MBh	42.4	43.0	44.2	46.0	42.1	42.6	43.8	45.7	41.0	41.6	42.8	44.6	39.2	39.8	41.0	42.8	37.0	37.6	38.8	40.6	35.0	35.6	36.8	38.6
	S/T	1.00	0.98	0.85	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.90	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
	ΔT	30	28	24	21	30	28	24	21	30	28	25	21	30	28	24	21	29	27	24	20	31	29	25	22
	kW	2.64	2.64	2.64	2.7	2.93	2.92	2.92	2.9	3.24	3.24	3.23	3.3	3.58	3.58	3.57	3.6	3.96	3.96	3.95	4.0	4.40	4.40	4.40	4.4

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)

IDB			AIRFLOW			OUTDOOR AMBIENT TEMPERATURE																																			
						65						75						85						95						105						115					
						ENTERING INDOOR WET BULB TEMPERATURE																																			
70	1400	MBh	46.9	47.6	48.9	-	46.5	47.1	48.5	-	45.3	45.9	47.3	-	43.2	43.9	45.2	-	40.7	41.3	42.7	-	38.3	39.0	40.4	-															
		S/T	0.64	0.56	0.43	-	0.64	0.57	0.44	-	0.67	0.59	0.46	-	1.00	0.61	0.48	-	1.00	0.63	0.50	-	1.00	0.68	0.55	-															
		ΔT	20	18	15	-	20	18	14	-	20	18	15	-	20	18	14	-	20	18	14	-	21	19	15	-															
		kW	3.03	3.03	3.02	-	3.37	3.37	3.37	-	3.76	3.76	3.75	-	4.18	4.17	4.17	-	4.64	4.64	4.63	-	5.19	5.19	5.18	-															
		Amps	11.0	11.0	11.0	-	12.6	12.6	12.6	-	14.4	14.4	14.3	-	16.3	16.3	16.3	-	18.4	18.4	18.4	-	20.9	20.9	20.9	-															
70	1600	MBh	47.7	48.4	49.8	-	47.3	48.0	49.4	-	46.1	46.8	48.2	-	44.0	44.7	46.1	-	41.5	42.2	43.5	-	39.2	39.8	41.2	-															
		S/T	0.67	0.60	0.47	-	0.68	0.60	0.48	-	0.70	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.72	0.59	-															
		ΔT	19	17	13	-	19	17	13	-	19	17	14	-	19	17	13	-	19	17	13	-	20	18	14	-															
		kW	3.05	3.04	3.04	-	3.39	3.39	3.38	-	3.78	3.77	3.77	-	4.19	4.19	4.18	-	4.66	4.66	4.65	-	5.21	5.20	5.20	-															
		Amps	11.1	11.1	11.1	-	12.7	12.7	12.7	-	14.5	14.4	14.4	-	16.4	16.4	16.3	-	18.5	18.5	18.5	-	21.0	21.0	21.0	-															
70	1800	MBh	48.8	49.4	50.8	-	48.4	49.0	50.4	-	47.2	47.8	49.2	-	45.1	45.7	47.1	-	42.5	43.2	44.6	-	40.2	40.9	42.3	-															
		S/T	0.68	0.61	0.48	-	0.68	0.61	0.48	-	1.00	0.64	0.51	-	1.00	0.65	0.53	-	1.00	0.68	0.55	-	1.00	0.72	0.60	-															
		ΔT	18	16	12	-	18	16	12	-	18	16	13	-	18	16	12	-	18	16	12	-	19	17	13	-															
		kW	3.06	3.06	3.05	-	3.41	3.40	3.40	-	3.79	3.79	3.78	-	4.21	4.21	4.20	-	4.67	4.67	4.67	-	5.22	5.22	5.21	-															
		Amps	11.2	11.2	11.1	-	12.8	12.8	12.7	-	14.5	14.5	14.5	-	16.4	16.4	16.4	-	18.6	18.6	18.5	-	21.1	21.1	21.0	-															

75	1400	MBh	46.9	47.6	49.0	51.1	46.5	47.2	48.5	50.7	45.3	46.0	47.3	49.5	43.2	43.9	45.3	47.4	40.7	41.3	42.7	44.8	38.4	39.0	40.4	42.5
		S/T	0.76	0.69	0.56	0.4	0.77	0.69	0.56	0.4	1.00	0.72	0.59	0.5	1.00	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	1.00	0.68	0.5
		ΔT	25	23	19	15	24	23	19	15	25	23	19	15	24	22	19	15	24	22	19	15	25	23	20	16
		kW	3.03	3.02	3.02	3.0	3.37	3.37	3.36	3.4	3.76	3.75	3.75	3.8	4.17	4.17	4.17	4.2	4.64	4.64	4.63	4.7	5.19	5.18	5.18	5.2
		Amps	11.0	11.0	11.0	11.1	12.6	12.6	12.6	12.7	14.4	14.4	14.3	14.5	16.3	16.3	16.2	16.4	18.4	18.4	18.4	18.5	20.9	20.9	20.9	21.0
1600		MBh	47.8	48.4	49.8	51.9	47.4	48.0	49.4	51.5	46.1	46.8	48.2	50.3	44.1	44.7	46.1	48.2	41.5	42.2	43.6	45.7	39.2	39.9	41.2	43.4
		S/T	0.79	0.72	0.59	0.5	1.00	0.73	0.60	0.5	1.00	0.75	0.62	0.5	1.00	0.77	0.64	0.5	1.00	0.79	0.66	0.5	1.00	1.00	0.71	0.6
		ΔT	23	21	18	14	23	21	18	14	24	22	18	14	23	21	18	14	23	21	17	14	24	22	19	15
		kW	3.04	3.04	3.03	3.06	3.39	3.39	3.38	3.41	3.77	3.77	3.77	3.79	4.19	4.19	4.18	4.21	4.66	4.65	4.65	4.68	5.20	5.20	5.20	5.22
		Amps	11.1	11.1	11.1	11.2	12.7	12.7	12.6	12.8	14.4	14.4	14.4	14.5	16.4	16.3	16.3	16.4	18.5	18.5	18.5	18.6	21.0	21.0	21.0	21.1
1800		MBh	48.8	49.5	50.9	53.0	48.4	49.1	50.4	52.5	47.2	47.8	49.2	51.3	45.1	45.8	47.1	49.3	42.6	43.2	44.6	46.7	40.2	40.9	42.3	44.4
		S/T	0.80	0.73	0.60	0.5	1.00	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	0.78	0.65	0.5	1.00	1.00	0.67	0.5	1.00	1.00	0.72	0.6
		ΔT	22	20	17	13	22	20	17	13	23	21	17	13	22	20	17	13	22	20	16	13	23	21	18	14
		kW	3.06	3.06	3.05	3.1	3.40	3.40	3.39	3.4	3.79	3.79	3.78	3.8	4.21	4.20	4.20	4.2	4.67	4.67	4.66	4.7	5.22	5.22	5.21	5.2
		Amps	11.2	11.2	11.1	11.3	12.8	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.4	16.4	16.4	16.5	18.6	18.5	18.5	18.6	21.1	21.0	21.0	21.1

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)

OUTDOOR AMBIENT TEMPERATURE																																													
65						75						85						95						105						115															
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71												
80	MBh	47.2	47.8	49.2	51.3	46.8	47.4	48.8	50.9	45.5	46.2	47.6	49.7	43.5	44.1	45.5	47.6	40.9	41.6	43.0	45.1	38.6	39.3	40.6	42.8	1.00	0.81	0.68	0.5	1.00	0.84	0.71	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.80	0.7				
	S/T	29	27	23	19	29	27	23	19	29	27	23	19	29	27	23	19	29	27	23	19	30	28	24	20	5.19	5.19	5.18	5.2	5.19	5.19	5.18	5.2	5.19	5.19	5.18	5.2	5.19	5.19	5.18	5.2				
	ΔT	29	27	23	19	29	27	23	19	29	27	23	19	29	27	23	19	29	27	23	19	30	28	24	20	5.19	5.19	5.18	5.2	5.19	5.19	5.18	5.2	5.19	5.19	5.18	5.2	5.19	5.19	5.18	5.2				
	kW	3.03	3.03	3.02	3.0	3.37	3.37	3.36	3.4	3.76	3.76	3.75	3.8	4.18	4.17	4.17	4.2	4.64	4.64	4.63	4.7	5.19	5.19	5.18	5.2	5.19	5.19	5.18	5.2	5.19	5.19	5.18	5.2	5.19	5.19	5.18	5.2	5.19	5.19	5.18	5.2				
	Amps	11.0	11.0	11.0	11.1	12.6	12.6	12.6	12.7	14.4	14.4	14.3	14.5	16.3	16.3	16.2	16.4	18.4	18.4	18.4	18.5	20.9	20.9	20.9	21.0	20.9	20.9	20.9	21.0	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	21.0	21.0	21.0	21.0		
1600	MBh	48.0	48.7	50.0	52.2	47.6	48.3	49.6	51.7	46.4	47.0	48.4	50.5	44.3	45.0	46.3	48.5	41.8	42.4	43.8	45.9	39.4	40.1	41.5	43.6	1.00	0.84	0.71	0.6	1.00	0.87	0.74	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.83	0.7
	S/T	28	26	22	18	28	26	22	18	28	26	22	18	28	26	22	18	27	25	22	18	29	27	23	19	30	28	24	20	5.21	5.20	5.20	5.22	5.21	5.20	5.20	5.22	5.21	5.20	5.20	5.22	5.21	5.20	5.22	
	ΔT	28	26	22	18	28	26	22	18	28	26	22	18	28	26	22	18	27	25	22	18	29	27	23	19	30	28	24	20	5.21	5.20	5.20	5.22	5.21	5.20	5.20	5.22	5.21	5.20	5.20	5.22	5.21	5.20	5.22	
	kW	3.05	3.04	3.04	3.06	3.39	3.39	3.38	3.41	3.78	3.77	3.77	3.79	4.19	4.19	4.18	4.21	4.66	4.66	4.65	4.68	5.21	5.20	5.20	5.22	5.21	5.20	5.20	5.21	5.21	5.20	5.20	5.21	5.20	5.21	5.20	5.21	5.20	5.21	5.20	5.21	5.20	5.22		
	Amps	11.1	11.1	11.1	11.2	12.7	12.7	12.7	12.8	14.5	14.4	14.4	14.5	16.4	16.4	16.3	16.4	18.5	18.5	18.5	18.6	21.0	21.0	21.0	21.1	21.0	21.0	21.0	21.1	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.1	21.1	21.0	21.2
1800	MBh	49.1	49.7	51.1	53.2	48.6	49.3	50.7	52.8	47.4	48.1	49.5	51.6	45.4	46.0	47.4	49.5	42.8	43.5	44.8	47.0	40.5	41.1	42.5	44.6	1.00	0.85	0.72	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.84	0.7
	S/T	27	25	21	17	27	25	21	17	27	25	21	17	27	25	21	17	26	24	21	17	28	26	22	18	30	28	24	20	5.22	5.22	5.22	5.21	5.22	5.22	5.21	5.2	5.22	5.22	5.21	5.2	5.22	5.22	5.21	5.2
	ΔT	27	25	21	17	27	25	21	17	27	25	21	17	27	25	21	17	26	24	21	17	28	26	22	18	30	28	24	20	5.22	5.22	5.22	5.21	5.22	5.22	5.21	5.2	5.22	5.22	5.21	5.2	5.22	5.22	5.21	5.2
	kW	3.06	3.06	3.05	3.1	3.41	3.40	3.40	3.4	3.79	3.79	3.78	3.8	4.21	4.21	4.20	4.2	4.67	4.67	4.67	4.7	5.22	5.22	5.22	5.2	5.22	5.22	5.22	5.21	5.21	5.21	5.21	5.21	5.21	5.21	5.21	5.21	5.21	5.21	5.21	5.21	5.21	5.21	5.22	
	Amps	11.2	11.2	11.1	11.3	12.8	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.4	16.4	16.4	16.5	18.6	18.6	18.6	18.5	21.1	21.1	21.1	21.2	21.1	21.1	21.1	21.0	21.0	21.0	21.0	21.1	21.1	21.1	21.0	21.1	21.1	21.0	21.2	21.1	21.1	21.0	21.2	

85	1400	MBh	47.9	48.6	50.0	52.1	47.5	48.2	49.6	51.7	46.3	47.0	48.4	50.5	44.2	44.9	46.3	48.4	41.7	42.4	43.7	45.9	39.4	40.0	41.4	43.5
		S/T	1.00	0.90	0.77	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	1.00	0.8
		ΔT	33	31	27	23	33	31	27	23	33	31	27	24	33	31	27	23	32	30	27	23	34	32	28	24
		kW	3.03	3.03	3.03	3.1	3.38	3.38	3.37	3.4	3.77	3.76	3.76	3.8	4.18	4.18	4.17	4.2	4.65	4.65	4.64	4.7	5.20	5.19	5.19	5.2
		Amps	11.1	11.1	11.0	11.1	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.5	16.3	16.3	16.3	16.4	18.5	18.4	18.4	18.5	21.0	20.9	20.9	21.0
85	1600	MBh	48.8	49.4	50.8	52.9	48.4	49.0	50.4	52.5	47.2	47.8	49.2	51.3	45.1	45.7	47.1	49.2	42.5	43.2	44.6	46.7	40.2	40.9	42.3	44.4
		S/T	1.00	0.94	0.81	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
		ΔT	32	30	26	22	32	30	26	22	32	30	26	22	32	30	26	22	31	29	26	22	33	31	27	23
		kW	3.05	3.05	3.04	3.07	3.40	3.39	3.39	3.41	3.78	3.78	3.77	3.80	4.20	4.20	4.19	4.22	4.67	4.66	4.66	4.68	5.21	5.21	5.20	5.23
		Amps	11.1	11.1	11.1	11.2	12.7	12.7	12.7	12.8	14.5	14.5	14.4	14.6	16.4	16.4	16.4	16.5	18.5	18.5	18.5	18.6	21.0	21.0	21.0	21.1
85	1800	MBh	49.8	50.5	51.9	54.0	49.4	50.1	51.5	53.6	48.2	48.9	50.2	52.4	46.1	46.8	48.2	50.3	43.6	44.2	45.6	47.7	41.3	41.9	43.3	45.4
		S/T	1.00	0.95	0.82	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
		ΔT	31	29	25	21	31	29	25	21	31	29	25	21	31	29	25	21	30	28	25	21	32	30	26	22
		kW	3.07	3.06	3.06	3.1	3.41	3.41	3.40	3.4	3.80	3.79	3.79	3.8	4.21	4.21	4.21	4.2	4.68	4.68	4.67	4.7	5.23	5.22	5.22	5.2
		Amps	11.2	11.2	11.2	11.3	12.8	12.8	12.8	12.9	14.6	14.5	14.5	14.6	16.5	16.5	16.4	16.5	18.6	18.6	18.6	18.7	21.1	21.1	21.1	21.2

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)

		OUTDOOR AMBIENT TEMPERATURE																																															
		65								75								85								95								105								115							
		ENTERING INDOOR WET BULB TEMPERATURE																																															
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																				
1490	MBh	56.7	57.5	59.2	-	56.2	57.0	58.7	-	54.7	55.5	57.2	-	52.2	53.0	54.7	-	49.1	49.9	51.6	-	46.3	47.1	48.8	-																								
	S/T	0.60	0.53	0.41	-	0.60	0.53	0.41	-	0.62	0.56	0.43	-	0.64	0.57	0.45	-	0.66	0.59	0.47	-	1.00	0.64	0.52	-																								
	ΔT	22	20	16	-	22	19	16	-	22	20	16	-	22	19	15	-	21	19	15	-	23	21	17	-																								
	kW	3.59	3.59	3.58	-	4.03	4.03	4.02	-	4.52	4.52	4.51	-	5.05	5.05	5.04	-	5.64	5.64	5.63	-	6.34	6.33	6.33	-																								
	Amps	13.4	13.4	13.4	-	15.4	15.4	15.4	-	17.7	17.6	17.6	-	20.1	20.1	20.0	-	22.8	22.8	22.7	-	26.0	26.0	25.9	-																								
2000	MBh	59.5	60.3	62.0	-	59.0	59.8	61.5	-	57.6	58.4	60.0	-	55.1	55.9	57.5	-	52.0	52.8	54.5	-	49.2	50.0	51.7	-																								
	S/T	0.63	0.56	0.44	-	0.64	0.57	0.45	-	0.66	0.59	0.47	-	0.68	0.61	0.49	-	1.00	0.63	0.51	-	1.00	0.67	0.55	-																								
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	13	-	20	18	14	-																								
	kW	3.64	3.64	3.63	-	4.08	4.08	4.07	-	4.57	4.57	4.56	-	5.10	5.09	5.09	-	5.69	5.69	5.68	-	6.38	6.38	6.37	-																								
	Amps	13.6	13.6	13.6	-	15.6	15.6	15.6	-	17.9	17.9	17.8	-	20.3	20.3	20.3	-	23.0	23.0	23.0	-	26.2	26.2	26.1	-																								
2250	MBh	61.5	62.3	64.0	-	61.0	61.8	63.5	-	59.6	60.4	62.0	-	57.0	57.8	59.5	-	54.0	54.8	56.4	-	51.2	52.0	53.6	-																								
	S/T	0.60	0.53	0.41	-	0.60	0.54	0.41	-	0.63	0.56	0.44	-	1.00	0.58	0.45	-	1.00	0.60	0.47	-	1.00	0.64	0.52	-																								
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	19	17	13	-																								
	kW	3.66	3.66	3.65	-	4.10	4.10	4.09	-	4.59	4.59	4.58	-	5.12	5.12	5.11	-	5.71	5.71	5.70	-	6.40	6.40	6.39	-																								
	Amps	13.7	13.7	13.7	-	15.7	15.7	15.7	-	18.0	18.0	17.9	-	20.4	20.4	20.3	-	23.1	23.1	23.1	-	26.3	26.3	26.2	-																								

75	1490	MBh	56.7	57.5	59.2	61.7	56.2	57.0	58.7	61.2	54.8	55.6	57.2	59.8	52.2	53.0	54.7	57.3	49.2	50.0	51.6	54.2	46.4	47.2	48.8	51.4
		S/T	0.71	0.64	0.52	0.4	0.72	0.65	0.53	0.4	0.74	0.67	0.55	0.4	1.00	0.69	0.57	0.4	1.00	0.71	0.59	0.5	1.00	0.75	0.63	0.5
		ΔT	26	24	20	16	26	24	20	16	27	24	20	16	26	24	20	16	26	24	20	16	27	25	21	17
		kW	3.59	3.59	3.58	3.6	4.03	4.03	4.02	4.1	4.52	4.52	4.51	4.5	5.05	5.04	5.04	5.1	5.64	5.64	5.63	5.7	6.33	6.33	6.32	6.4
		Amps	13.4	13.4	13.4	13.5	15.4	15.4	15.4	15.5	17.7	17.6	17.6	17.8	20.1	20.1	20.0	20.2	22.8	22.8	22.7	22.9	26.0	25.9	25.9	26.1
	2000	MBh	59.6	60.4	62.0	64.6	59.1	59.9	61.5	64.1	57.6	58.4	60.1	62.6	55.1	55.9	57.6	60.1	52.0	52.8	54.5	57.0	49.2	50.0	51.7	54.2
		S/T	0.75	0.68	0.56	0.4	0.75	0.68	0.56	0.4	1.00	0.71	0.59	0.5	1.00	0.72	0.60	0.5	1.00	0.74	0.62	0.5	1.00	1.00	0.67	0.5
		ΔT	24	22	18	13	24	21	17	13	24	22	18	14	24	21	17	13	23	21	17	13	25	22	19	14
		kW	3.64	3.64	3.63	3.66	4.08	4.07	4.07	4.10	4.57	4.56	4.56	4.59	5.10	5.09	5.08	5.12	5.69	5.68	5.68	5.71	6.38	6.38	6.37	6.40
		Amps	13.6	13.6	13.6	13.7	15.6	15.6	15.6	15.7	17.9	17.9	17.8	18.0	20.3	20.3	20.2	20.4	23.0	23.0	22.9	23.1	26.2	26.2	26.1	26.3
	2250	MBh	61.6	62.3	64.0	66.6	61.1	61.8	63.5	66.1	59.6	60.4	62.1	64.6	57.1	57.9	59.5	62.1	54.0	54.8	56.5	59.0	51.2	52.0	53.7	56.2
		S/T	0.71	0.65	0.52	0.4	1.00	0.65	0.53	0.4	1.00	0.67	0.55	0.4	1.00	0.69	0.57	0.4	1.00	0.71	0.59	0.5	1.00	1.00	0.64	0.5
		ΔT	22	20	16	12	22	20	16	12	23	21	17	13	22	20	16	12	22	20	16	12	23	21	17	13
		kW	3.66	3.66	3.65	3.7	4.10	4.09	4.09	4.1	4.59	4.58	4.58	4.6	5.12	5.11	5.10	5.1	5.71	5.70	5.70	5.7	6.40	6.40	6.39	6.4
		Amps	13.7	13.7	13.7	13.8	15.7	15.7	15.7	15.8	18.0	17.9	17.9	18.1	20.4	20.4	20.3	20.5	23.1	23.1	23.0	23.2	26.3	26.2	26.2	26.4

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)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						95						105						115					
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																																			
1490	MBh	57.0	57.8	59.5	62.0	56.5	57.3	59.0	61.5	55.1	55.8	57.5	60.1	52.5	53.3	55.0	57.6	49.5	50.3	51.9	54.5	46.7	47.5	49.1	51.7												
	S/T	0.82	0.76	0.63	0.5	1.00	0.76	0.64	0.5	1.00	0.78	0.66	0.5	1.00	0.80	0.68	0.6	1.00	0.82	0.70	0.6	1.00	1.00	0.75	0.6												
	ΔT	31	29	25	21	31	29	25	21	31	29	25	21	31	29	25	21	31	29	25	20	32	30	26	22												
	kW	3.59	3.59	3.58	3.6	4.03	4.03	4.02	4.1	4.52	4.52	4.51	4.5	5.05	5.05	5.04	5.1	5.64	5.64	5.63	5.7	6.34	6.33	6.32	6.4												
	Amps	13.4	13.4	13.4	13.5	15.4	15.4	15.4	15.5	17.7	17.6	17.6	17.8	20.1	20.1	20.0	20.2	22.8	22.8	22.7	22.9	26.0	26.0	25.9	26.1												
2000	MBh	59.9	60.7	62.3	64.9	59.4	60.2	61.8	64.4	57.9	58.7	60.4	62.9	55.4	56.2	57.9	60.4	52.3	53.1	54.8	57.3	49.5	50.3	52.0	54.5												
	S/T	1.00	0.79	0.67	0.5	1.00	0.80	0.68	0.5	1.00	0.82	0.70	0.6	1.00	0.84	0.72	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.78	0.7												
	ΔT	28	26	22	18	28	26	22	18	29	26	22	18	28	26	22	18	28	26	22	18	29	27	23	19												
	kW	3.64	3.64	3.63	3.66	4.08	4.08	4.07	4.10	4.57	4.57	4.56	4.59	5.10	5.09	5.09	5.12	5.69	5.69	5.68	5.71	6.38	6.38	6.37	6.41												
	Amps	13.6	13.6	13.6	13.7	15.6	15.6	15.6	15.7	17.9	17.9	17.8	18.0	20.3	20.3	20.3	20.4	23.0	23.0	23.0	23.1	26.2	26.2	26.1	26.3												
2250	MBh	61.8	62.6	64.3	66.9	61.3	62.1	63.8	66.4	59.9	60.7	62.3	64.9	57.4	58.2	59.8	62.4	54.3	55.1	56.8	59.3	51.5	52.3	54.0	56.5												
	S/T	1.00	0.76	0.64	0.5	1.00	0.76	0.64	0.5	1.00	0.79	0.66	0.5	1.00	1.00	0.68	0.6	1.00	1.00	0.70	0.6	1.00	1.00	0.75	0.6												
	ΔT	27	25	21	17	27	25	21	17	27	25	21	17	27	25	21	17	27	25	21	17	28	26	22	18												
	kW	3.66	3.66	3.65	3.7	4.10	4.10	4.09	4.1	4.59	4.59	4.58	4.6	5.12	5.11	5.11	5.1	5.71	5.71	5.70	5.7	6.40	6.40	6.39	6.4												
	Amps	13.7	13.7	13.7	13.8	15.7	15.7	15.7	15.8	18.0	18.0	17.9	18.1	20.4	20.4	20.3	20.5	23.1	23.1	23.1	23.2	26.3	26.3	26.2	26.4												

85	MBh	58.0	58.7	60.4	63.0	57.5	58.2	59.9	62.5	56.0	56.8	58.5	61.0	53.5	54.3	55.9	58.5	50.4	51.2	52.9	55.4	47.6	48.4	50.1	52.6	47.6	48.4	50.1	52.6	47.6	48.4	50.1	52.6
	S/T	1.00	0.85	0.72	0.6	1.00	0.85	0.73	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.84	0.7
	ΔT	35	33	29	25	35	33	29	25	35	33	29	25	35	33	29	25	35	33	29	25	36	34	30	26	36	34	30	26	36	34	30	26
	kW	3.60	3.60	3.59	3.6	4.04	4.04	4.03	4.1	4.53	4.53	4.52	4.6	5.06	5.06	5.05	5.1	5.65	5.65	5.64	5.7	6.34	6.34	6.33	6.4	6.34	6.34	6.33	6.4	6.34	6.34	6.33	6.4
	Amps	13.5	13.4	13.4	13.6	15.5	15.4	15.4	15.6	17.7	17.7	17.7	17.8	20.1	20.1	20.1	20.2	22.8	22.8	22.8	22.9	26.0	26.0	26.0	26.1	26.0	26.0	26.0	26.1	26.0	26.0	26.0	26.1
2000	MBh	60.8	61.6	63.3	65.8	60.3	61.1	62.8	65.3	58.9	59.6	61.3	63.9	56.3	57.1	58.8	61.4	53.3	54.1	55.7	58.3	50.5	51.2	52.9	55.5	50.5	51.2	52.9	55.5	50.5	51.2	52.9	55.5
	S/T	1.00	0.88	0.76	0.6	1.00	0.89	0.77	0.6	1.00	1.00	0.79	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7
	ΔT	32	30	26	22	32	30	26	22	33	31	27	23	32	30	26	22	32	30	26	22	33	31	27	23	33	31	27	23	33	31	27	23
	kW	3.65	3.65	3.64	3.67	4.09	4.08	4.08	4.11	4.58	4.57	4.57	4.60	5.11	5.10	5.10	5.13	5.70	5.69	5.69	5.72	6.39	6.39	6.38	6.41	6.39	6.39	6.38	6.41	6.39	6.39	6.38	6.41
	Amps	13.7	13.7	13.6	13.8	15.7	15.7	15.6	15.8	17.9	17.9	17.9	18.0	20.3	20.3	20.3	20.4	23.0	23.0	23.0	23.1	26.2	26.2	26.2	26.3	26.2	26.2	26.2	26.3	26.2	26.2	26.2	26.3
2250	MBh	62.8	63.6	65.3	67.8	62.3	63.1	64.8	67.3	60.8	61.6	63.3	65.8	58.3	59.1	60.8	63.3	55.2	56.0	57.7	60.3	52.4	53.2	54.9	57.5	52.4	53.2	54.9	57.5	52.4	53.2	54.9	57.5
	S/T	1.00	0.85	0.73	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.77	0.6	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.7
	ΔT	31	29	25	21	31	29	25	21	32	29	25	21	31	29	25	21	31	29	25	21	32	30	26	22	32	30	26	22	32	30	26	22
	kW	3.67	3.67	3.66	3.7	4.11	4.10	4.10	4.1	4.60	4.59	4.59	4.6	5.13	5.12	5.12	5.1	5.72	5.71	5.71	5.7	6.41	6.41	6.40	6.4	6.41	6.41	6.40	6.4	6.41	6.41	6.40	6.4
	Amps	13.8	13.8	13.7	13.9	15.8	15.8	15.7	15.9	18.0	18.0	18.0	18.1	20.4	20.4	20.4	20.5	23.1	23.1	23.1	23.2	26.3	26.3	26.3	26.4	26.3	26.3	26.3	26.4	26.3	26.3	26.3	26.4

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)

PERFORMANCE DATA

ALXS3BN1810*/CAPTA1818*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 525 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	19,300	12,980	6,320	1,320
80	19,060	13,045	6,015	1,390
85	18,820	13,110	5,710	1,460
90	18,410	12,985	5,425	1,540
95	18,000	12,860	5,140	1,620
100	17,495	12,680	4,815	1,705
105	16,990	12,500	4,490	1,790
110	16,535	12,550	3,985	1,890
115	16,080	12,600	3,480	1,990
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	17,360	12,570	4,790	1,620

ALXS3BN2410*/CAPTA2422*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 700 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	24,880	16,730	8,150	1,680
80	24,570	16,810	7,760	1,780
85	24,260	16,890	7,370	1,880
90	23,730	16,735	6,995	1,985
95	23,200	16,580	6,620	2,090
100	22,550	16,345	6,205	2,205
105	21,900	16,110	5,790	2,320
110	21,310	16,175	5,135	2,460
115	20,720	16,240	4,480	2,600
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	22,370	16,200	6,170	2,090

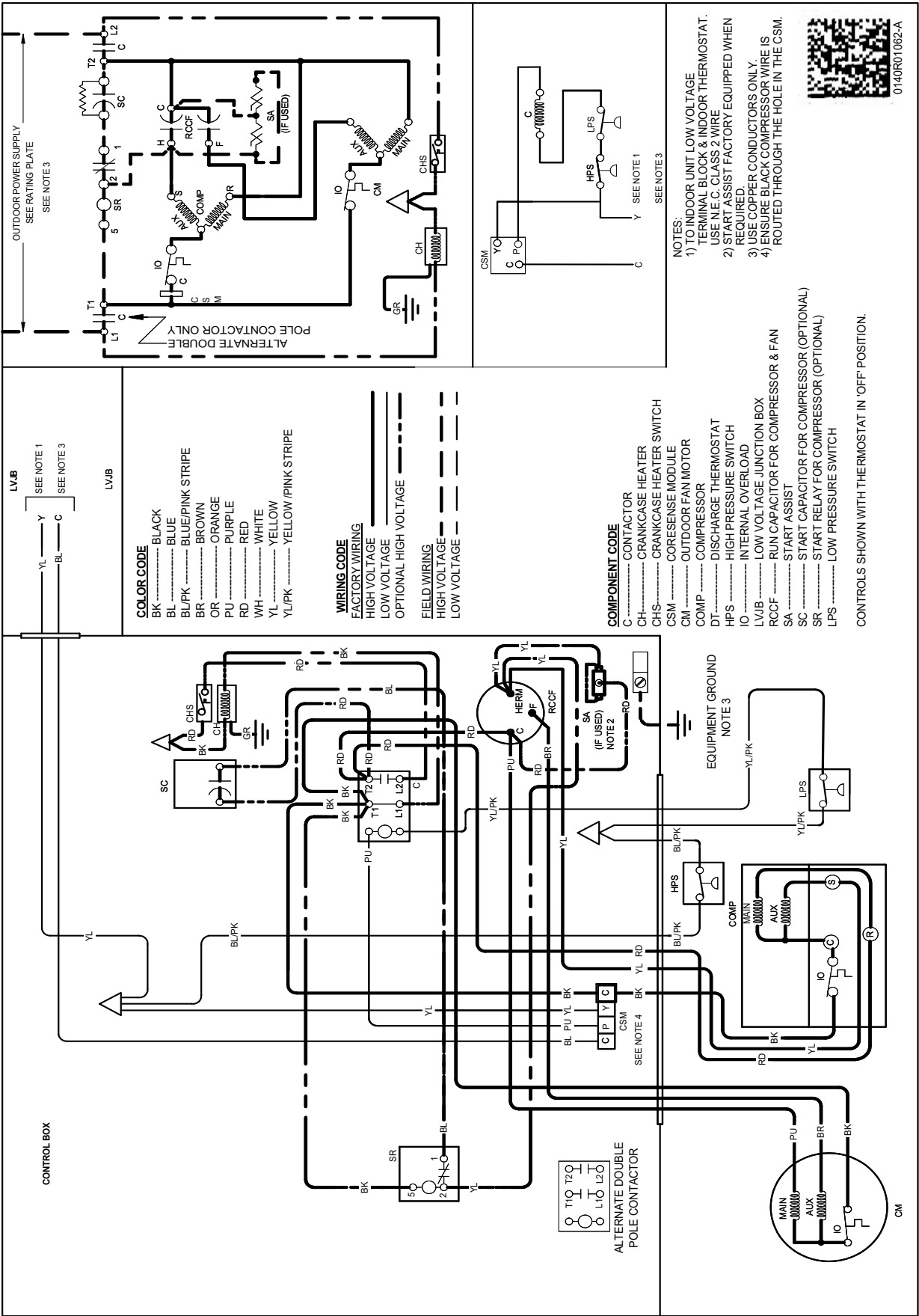
ALXS3BN3010*/CAPTA3026*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1000 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	30,670	21,990	8,680	2,080
80	30,290	22,090	8,200	2,200
85	29,910	22,190	7,720	2,320
90	29,255	21,985	7,270	2,445
95	28,600	21,780	6,820	2,570
100	27,800	21,470	6,330	2,715
105	27,000	21,160	5,840	2,860
110	26,270	23,350	2,920	3,025
115	25,540	25,540	0	3,190
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	27,580	21,290	6,290	2,580

ALXS3BN3610*/CAPTA3626*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1150 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	36,670	26,290	10,380	2,460
80	36,215	26,415	9,800	2,610
85	35,760	26,540	9,220	2,760
90	34,980	26,295	8,685	2,920
95	34,200	26,050	8,150	3,080
100	33,245	25,680	7,565	3,260
105	32,290	25,310	6,980	3,440
110	31,420	27,930	3,490	3,645
115	30,550	30,550	0	3,850
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	32,980	25,450	7,530	3,080

ALXS3BN4210*/CAPTA4230*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1365 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	42,350	30,250	12,100	2,900
80	41,830	30,390	11,440	3,055
85	41,310	30,530	10,780	3,210
90	40,405	30,245	10,160	3,380
95	39,500	29,960	9,540	3,550
100	38,395	29,535	8,860	3,740
105	37,290	29,110	8,180	3,930
110	36,285	29,235	7,050	4,155
115	35,280	29,360	5,920	4,380
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	38,090	29,280	8,810	3,560

ALXS3BN4810*/CAPT6030*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1400 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	48,790	33,330	15,460	3,360
80	48,185	33,490	14,695	3,555
85	47,580	33,650	13,930	3,750
90	46,540	33,335	13,205	3,960
95	45,500	33,020	12,480	4,170
100	44,230	32,550	11,680	4,400
105	42,960	32,080	10,880	4,630
110	41,800	32,215	9,585	4,905
115	40,640	32,350	8,290	5,180
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	43,880	32,270	11,610	4,170

ALXS3BN6010*/CAPTA6030*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1490 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	58,970	37,730	21,240	4,020
80	58,240	37,905	20,335	4,265
85	57,510	38,080	19,430	4,510
90	56,255	37,730	18,525	4,775
95	55,000	37,380	17,620	5,040
100	53,465	36,850	16,615	5,335
105	51,930	36,320	15,610	5,630
110	50,525	36,470	14,055	5,975
115	49,120	36,620	12,500	6,320
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	53,040	36,530	16,510	5,040

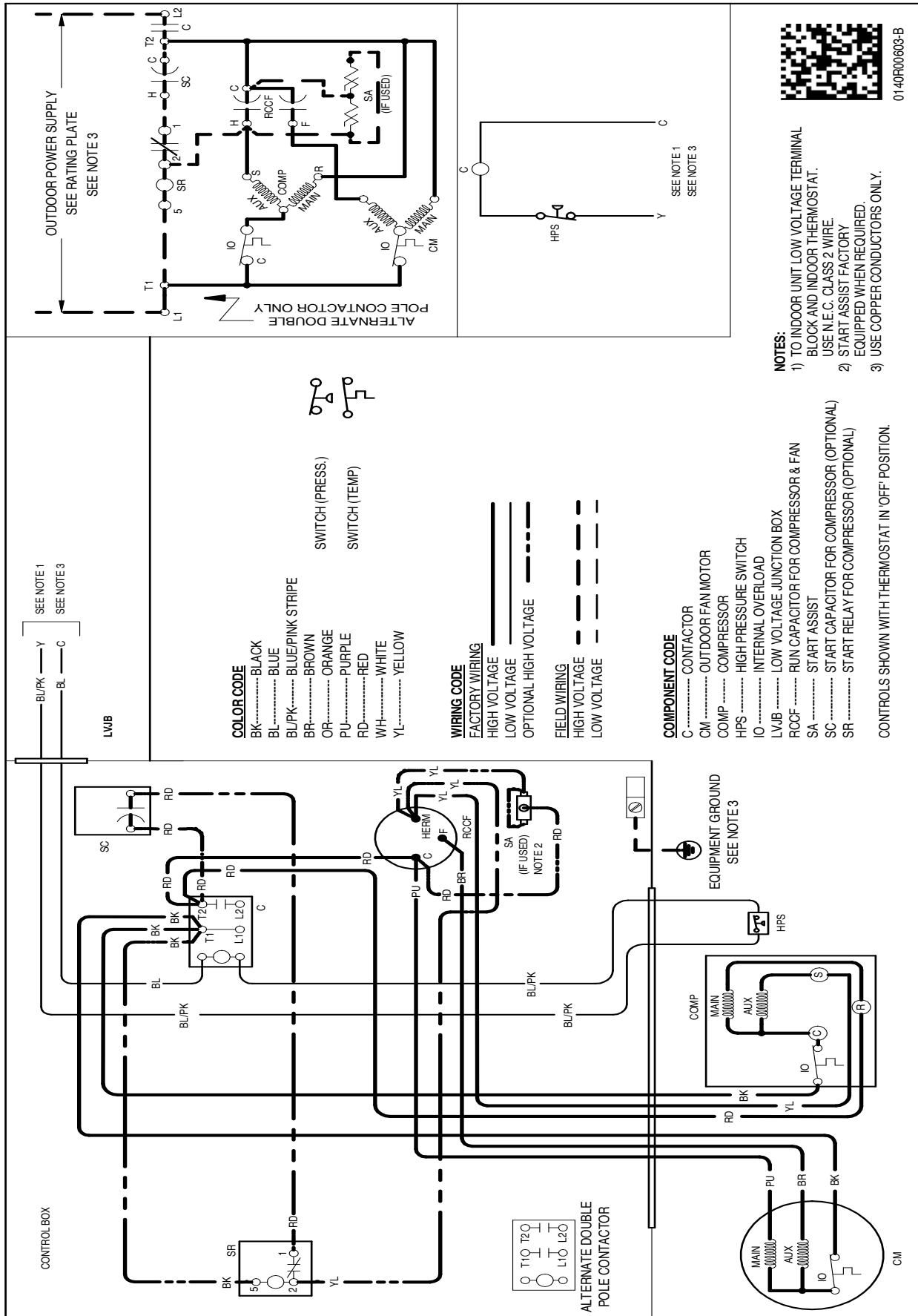


Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

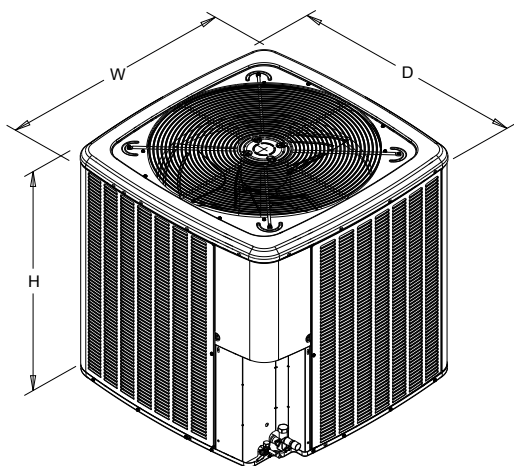


WARNING

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.



DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
ALXS3BN1810A*	26	26	27½
ALXS3BN2410A*	26	26	27½
ALXS3BN3010A*	26	26	32½
ALXS3BN3610A*	26	26	32½
ALXS3BN4210A*	29	29	35¾
ALXS3BN4810A*	29	29	39¾
ALXS3BN6010A*	35½	35½	39¾

ACCESSORIES

Model	Description	ALXS3BN 1810A*	ALXS3B N2410A*	ALXS3B N3010A*	ALXS3BN 3610A*	ALXS3BN 4210A*	ALXS3BN 4810A*	ALXS3BN 6010A*
ABK-20	Anchor Bracket Kit ^	X	X	X	X	X	X	X
ASC01A	Anti-Short Cycle Kit	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X			
CSR-U-2	Hard-start Kit					X	X	X
CSR-U-3	Hard-start Kit						X	X
FSK01A ¹	Freeze Protection Kit	X	X	X	X	X	X	X
LSK02A ²	Liquid Line Solenoid Kit	X	X	X	X	X	X	X
LAKT01	Low-Ambient Kit	X	X	X	X	X	X	X
O130R00000S	Low-Pressure Switch Kit	X	X	X	X	X	X	X

⁰ Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

² Condensing units and heat pumps with reciprocating or rotary 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. The TXV should always be sized based on the tonnage of the outdoor unit.

All AHRI system ratings are accessible in the System Configurator tool via PartnerLink.

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