



Air Conditioning & Heating

# GSX14

COOLING CAPACITY : 18,000 - 60,000 BTU/H

## ENERGY-EFFICIENT SPLIT SYSTEM AIR CONDITIONER UP TO 15 SEER & 12.5 EER



### Contents

Nomenclature.....	2
Product Specifications.....	3
Expanded Cooling Data.....	5
Performance Data.....	31
Wiring Diagrams.....	34
Dimensions.....	38
Accessories.....	38

### Standard Features

- Energy-efficient compressor
- Single-speed condenser fan motor
- Factory-installed filter drier
- Copper tube/aluminum fin coil
- Service valves with sweat connections and easy-access gauge ports
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

### Cabinet Features

- Heavy-gauge galvanized-steel cabinet with a louvered sound control top
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- 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 2017 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 details available from your local dealer or at [www.goodmanmfg.com](http://www.goodmanmfg.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 or Quebec.

	<u>G</u>	<u>S</u>	<u>X</u>	<u>14</u>	<u>036</u>	<u>1</u>	<u>AA</u>	
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4,5</u>	<u>6,7,8</u>	<u>9</u>	<u>10,11</u>	
<b>Brand</b>	G Goodman® Brand						<b>Engineering *</b>	
							Major & Minor revisions	
							* Not used for inventory control.	
<b>Product Category</b>	S Split System							<b>Electrical</b>
								1- 208/230 V, 1 Phase, 60 Hz
<b>Unit Type</b>	X Condenser R-410A							<b>Capacity</b>
	Z Heat Pump R-410A							018- 1½ tons    030- 2½ tons    042 3½ Tons
								019- 1½ tons    031- 2½ tons    043 3½ Tons
								024- 2 tons    036- 3 tons    048 4 Tons
								025- 2 tons    037- 3 tons    060 5 Tons
<b>Efficiency</b>								
	13 13 SEER	16 16 SEER						
	14 14 SEER	18 18 SEER						

	GSX14 0181M*	GSX14 0191K*	GSX14 0241L*	GSX14 0251L*	GSX14 0301K*	GSX14 0301N*	GSX14 0311K*
<b>CAPACITIES</b>							
Max Cooling (BTU/h)	18,000	18,000	24,000	24,000	30,000	30,000	30,000
SEER/EER	14 / 11.5	14 / 12.2	14 / 12	14 / 12.2	14/12.0	14/11.5	14 / 12.2
Decibels	75	71	74	71	72	73	72
<b>COMPRESSOR</b>							
RLA	6.0	9.0	7.7	13.5	12.8	12.1	12.8
LRA	37.5	47.5	38.0	58.3	64	55	67.8
Type	Rotary	Scroll	Rotary	Scroll	Scroll	Rotary	Scroll
<b>CONDENSER FAN MOTOR</b>							
Hp	1/8	1/8	1/8	1/8	1/6	1/6	1/6
FLA	0.65	0.7	0.7	0.7	0.95	0.95	0.95
<b>REFRIGERATION SYSTEM</b>							
Refrigerant Line Size <sup>1</sup>							
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"	3/4"	3/4"	3/4"	3/4"
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.) <sup>2 3</sup>	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Charge	68	68	72	75	80	78	90
Included piston:	0.051	0.053	0.057	0.057	0.065	0.067	0.063
<b>ELECTRICAL DATA</b>							
Voltage-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity <sup>4</sup>	8.2	12	10.3	17.6	17.0	16.1	17.0
Max. Overcurrent Protection <sup>5</sup>	15 amps	20 amps	15 amps	30 amps	25 amps	25 amps	25 amps
Min/Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Conduit	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"
<b>EQUIPMENT WEIGHT</b>							
	102	131	126	136	162	161	162
<b>SHIPPING WEIGHT</b>							
	117	146	141	153	180	179	180

<sup>1</sup> 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 & Operating instructions and/or the long line-set guidelines.

<sup>2</sup> Installer will need to supply 3/4" to 3/8" adapters for suction line connections.

<sup>3</sup> Installer will need to supply 3/4" to 1 1/4" adapters for suction line connections.

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

<sup>5</sup> 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.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

**PRODUCT SPECIFICATIONS (CONT.)**

	<b>GSX14 0361K*</b>	<b>GSX14 0371K*</b>	<b>GSX14 0421K*</b>	<b>GSX14 0431K*</b>	<b>GSX14 0481K*</b>	<b>GSX14 0601K*</b>
<b>CAPACITIES</b>						
Nom Cool (BTU/h)	36,000	36,000	42,000	42,000	48,000	60,000
SEER/EER	14 / 12	14 / 12.2	14 / 12	14 / 12.2	14 / 11.7	14 / 11.7
Decibels	73	73	73	73	74	75
<b>COMPRESSOR</b>						
RLA	13.6	14.1	16.7	16.7	19.9	25.0
LRA	79	72.2	79	79	109	134
Type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
<b>CONDENSER FAN MOTOR</b>						
Hp	1/6	1/6	1/6	1/6	1/4	1/4
FLA	0.95	0.95	0.95	0.95	1.3	1.3
<b>REFRIGERATION SYSTEM</b>						
Refrigerant Line Size <sup>1</sup>						
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	7/8"	7/8"	1 1/8"	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"
Suction Valve Size ("O.D.) <sup>2 3</sup>	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Charge	81	81	93	93	101	120
Included piston:	0.068	0.071	0.074	0.074	0.078	0.088
<b>ELECTRICAL DATA</b>						
Voltage-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity <sup>4</sup>	18.0	18.6	21.8	21.8	26.2	32.6
Max. Overcurrent Protection <sup>5</sup>	30 amps	30 amps	35 amps	35 amps	45 amps	50 amps
Min/Max Volts	197/253	197/253	197/253	197/253	197/253	197/253
Conduit	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"
<b>EQUIPMENT WEIGHT</b>						
	162	162	189	189	220	260
<b>SHIPPING WEIGHT</b>						
	180	180	207	207	242	280

<sup>1</sup> 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 & Operating instructions and/or the long line-set guidelines.

<sup>2</sup> Installer will need to supply 3/4" to 7/8" adapters for suction line connections.

<sup>3</sup> Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.

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

<sup>5</sup> 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.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115																					
		65						75						85						95						105						115															
		ENTERING INDOOR WET BULB TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												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	59	63	67	71															
<b>525</b>	MBh	18.3	18.6	19.1	-	18.1	18.4	19.0	-	17.7	17.9	18.5	-	16.8	17.1	17.7	-	15.8	16.1	16.6	-	14.9	15.2	15.7	-	14.9	15.2	15.7	-	14.9	15.2	15.7	-														
	S/T	0.61	0.53	0.39	-	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	0.65	0.52	-	1.00	0.60	0.47	-	1.00	0.65	0.52	-														
	ΔT	18	17	13	-	18	17	13	-	18	17	14	-	18	17	13	-	18	16	13	-	19	17	14	-	18	16	13	-	19	17	14	-														
	KW	0.97	0.97	0.97	-	1.07	1.07	1.07	-	1.18	1.17	1.17	-	1.29	1.29	1.29	-	1.42	1.42	1.42	-	1.58	1.57	1.57	-	1.42	1.42	1.42	-	1.58	1.57	1.57	-														
	Amps	3.3	3.3	3.3	-	3.8	3.8	3.8	-	4.3	4.3	4.3	-	4.8	4.8	4.8	-	5.4	5.4	5.4	-	6.1	6.1	6.1	-	5.4	5.4	5.4	-	6.1	6.1	6.1	-														
HI PR	249	250	251	-	288	289	291	-	329	330	332	-	373	374	376	-	421	422	424	-	472	473	474	-	421	422	424	-	472	473	474	-															
LO PR	125	127	130	-	133	135	138	-	140	141	144	-	145	147	150	-	151	152	156	-	158	159	163	-	151	152	156	-	158	159	163	-															
<b>600</b>	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	-	16.1	16.3	16.9	-	15.2	15.4	16.0	-														
	S/T	0.67	0.59	0.45	-	0.67	0.60	0.46	-	0.70	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-														
	ΔT	17	16	12	-	17	16	12	-	17	16	13	-	17	15	12	-	17	15	12	-	18	16	13	-	17	15	12	-	18	16	13	-														
	KW	0.98	0.98	0.97	-	1.07	1.07	1.07	-	1.18	1.18	1.18	-	1.30	1.30	1.29	-	1.43	1.43	1.42	-	1.58	1.58	1.58	-	1.43	1.43	1.42	-	1.58	1.58	1.58	-														
	Amps	3.4	3.4	3.3	-	3.8	3.8	3.8	-	4.3	4.3	4.3	-	4.8	4.8	4.8	-	5.4	5.4	5.4	-	6.1	6.1	6.1	-	5.4	5.4	5.4	-	6.1	6.1	6.1	-														
HI PR	251	252	253	-	290	291	293	-	331	332	334	-	375	376	378	-	423	424	426	-	474	475	477	-	423	424	426	-	474	475	477	-															
LO PR	127	129	132	-	135	136	140	-	142	143	146	-	147	149	152	-	153	154	158	-	160	161	164	-	153	154	158	-	160	161	164	-															
<b>675</b>	MBh	18.8	19.1	19.6	-	18.7	18.9	19.5	-	18.2	18.5	19.0	-	17.4	17.6	18.2	-	16.4	16.6	17.2	-	15.5	15.7	16.3	-	16.4	16.6	17.2	-	15.5	15.7	16.3	-														
	S/T	0.70	0.62	0.49	-	0.71	0.63	0.49	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.75	0.61	-	1.00	0.70	0.56	-	1.00	0.75	0.61	-														
	ΔT	16	15	12	-	16	15	11	-	17	15	12	-	16	15	11	-	16	14	11	-	17	15	12	-	16	14	11	-	17	15	12	-														
	KW	0.98	0.98	0.98	-	1.08	1.08	1.07	-	1.18	1.18	1.18	-	1.30	1.30	1.30	-	1.43	1.43	1.43	-	1.58	1.58	1.58	-	1.43	1.43	1.43	-	1.58	1.58	1.58	-														
	Amps	3.4	3.4	3.4	-	3.8	3.8	3.8	-	4.3	4.3	4.3	-	4.8	4.8	4.8	-	5.4	5.4	5.4	-	6.1	6.1	6.1	-	5.4	5.4	5.4	-	6.1	6.1	6.1	-														
HI PR	253	254	255	-	292	293	295	-	333	334	336	-	377	378	380	-	425	426	428	-	476	477	479	-	425	426	428	-	476	477	479	-															
LO PR	129	131	134	-	137	138	142	-	144	145	148	-	149	151	154	-	155	156	160	-	162	163	167	-	155	156	160	-	162	163	167	-															
<b>75</b>	MBh	18.3	18.6	19.1	20.0	18.2	18.4	19.0	19.8	17.7	17.9	18.5	19.3	16.9	17.1	17.7	18.5	15.9	16.1	16.7	17.5	14.9	15.2	15.7	16.6	16.1	16.3	16.9	17.7	15.2	15.4	16.0	16.8														
	S/T	0.74	0.66	0.52	0.38	0.74	0.67	0.53	0.39	1.00	0.69	0.56	0.41	1.00	0.71	0.57	0.43	1.00	0.73	0.60	0.45	1.00	1.00	0.65	0.51	1.00	0.79	0.66	0.51	1.00	1.00	0.71	0.57														
	ΔT	22	20	17	14	22	20	17	14	22	20	17	14	22	20	17	14	22	20	17	14	23	21	18	15	15.8	22	20	17	14	22	20	17	14													
	KW	0.97	0.97	0.97	0.98	1.07	1.07	1.06	1.07	1.18	1.17	1.17	1.18	1.18	1.29	1.29	1.29	1.30	1.42	1.42	1.42	1.43	1.57	1.57	1.57	1.58	1.42	1.42	1.42	1.43	1.58	1.58	1.58	1.58													
	Amps	3.3	3.3	3.3	3.4	3.8	3.8	3.8	3.8	4.3	4.3	4.3	4.3	4.3	4.8	4.8	4.8	4.8	5.4	5.4	5.4	5.4	6.1	6.1	6.1	6.1	5.4	5.4	5.4	5.4	6.1	6.1	6.1	6.1													
HI PR	249	250	252	256	288	289	291	295	329	330	332	336	373	374	376	380	421	422	424	428	472	473	475	479	421	422	424	428	472	473	475	479															
LO PR	125	127	130	136	133	135	138	143	140	141	145	150	145	147	149	150	156	151	153	156	161	158	159	163	168	151	153	156	161	162	163	167	172														
<b>600</b>	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	16.4	16.6	17.2	18.0	15.5	15.7	16.3	17.1														
	S/T	0.80	0.72	0.58	0.44	1.00	0.73	0.59	0.45	1.00	0.75	0.62	0.47	1.00	0.77	0.63	0.49	1.00	0.79	0.66	0.51	1.00	1.00	0.71	0.57	1.00	0.79	0.66	0.51	1.00	1.00	0.71	0.57														
	ΔT	21	19	16	13	21	19	16	13	21	19	16	13	21	19	16	13	21	19	16	13	22	20	17	14	14	21	19	16	13	22	20	17	14													
	KW	0.98	0.97	0.97	0.98	1.07	1.07	1.07	1.08	1.18	1.18	1.18	1.18	1.18	1.30	1.30	1.29	1.30	1.43	1.43	1.42	1.43	1.58	1.58	1.58	1.58	1.43	1.43	1.42	1.43	1.58	1.58	1.58	1.58													
	Amps	3.4	3.4	3.3	3.4	3.8	3.8	3.8	3.8	4.3	4.3	4.3	4.3	4.3	4.8	4.8	4.8	4.8	5.4	5.4	5.4	5.4	6.1	6.1	6.1	6.1	5.4	5.4	5.4	5.4	6.1	6.1	6.1	6.1													
HI PR	251	252	254	258	290	291	293	297	331	332	334	338	375	376	378	383	423	424	426	430	474	475	477	481	423	424	426	430	474	475	477	481															
LO PR	127	129	132	137	135	136	140	145	142	143	146	152	147	149	152	157	153	154	158	163	160	161	165	170	153	154	158	163	162	163	167	172															
<b>675</b>	MBh	18.9	19.1	19.7	20.5	18.7	18.9	19.5	20.3	18.2	18.5	19.0	19.9	17.4	17.6	18.2	19.0	16.4	16.6	17.2	18.0	15.5	15.7	16.3	17.1	16.4	16.6	17.2	18.0	15.5	15.7	16.3	17.1														
	S/T	0.83	0.75	0.62	0.47	1.00	0.76	0.62	0.48	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	1.00	0.69	0.55	1.00	1.00	0.74	0.60	1.00	0.79	0.66	0.55	1.00	1.00	0.74	0.60														
	ΔT	20	18	15	12	20	18	15	12	20	19	15	12	20	18	15	12	20	18	15	12	21	19	16	13	13	20	18	15	12	21	19	16	13													
	KW	0.98	0.98	0.98	0.98	1.08	1.08	1.07	1.08	1.18	1.18	1.18	1.19	1.19	1.30	1.30	1.30	1.31	1.43	1.43	1.43	1.44	1.58	1.58	1.59	1.59	1.43	1.43	1.43	1.44	1.58	1.58	1.58	1.59													
	Amps	3.4	3.4	3.4	3.4	3.8	3.8	3.8	3.8	4.3	4.3	4.3	4.3	4.3	4.8	4.8	4.8	4.9	5.4	5.4	5.4	5.5	6.1	6.1	6.1	6.2	5.4	5.4	5.4	5.5	6.1	6.1	6.1	6.2													
HI PR	253	254	256	260	292	293	295	299	333	334	336	340	377	379	380	385	425	426	428	432	476	477	479	483	425	426	428	432	476	477	479	483															
LO PR	129	131	134	139	137	139	142	147	144	145	148	154	149	151	154	159	155	156	160	165	162	163	167	172	155	156	160	165	162	163	167	172															

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												105												115																				
		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															
<b>525</b>		MBh	18.4	18.7	19.2	20.1	18.3	18.5	19.1	19.9	17.8	18.0	18.6	19.4	17.0	17.2	17.8	18.6	15.9	16.2	16.8	17.6	15.0	15.3	15.8	16.7	15.0	15.3	15.8	16.7	15.0	15.3	15.8	16.7	15.0	15.3	15.8	16.7	15.0	15.3	15.8	16.7	15.0	15.3	15.8	16.7
		S/T	1.00	0.79	0.65	0.5	1.00	0.79	0.66	0.51	1.00	0.82	0.68	0.5	1.00	1.00	0.70	0.56	1.00	1.00	0.72	0.6	1.00	1.00	0.77	0.63	1.00	1.00	0.72	0.6	1.00	1.00	0.72	0.6	1.00	1.00	0.72	0.6	1.00	1.00	0.72	0.6	1.00	1.00	0.72	0.6
		ΔT	26	24	21	18	26	24	21	18	26	24	21	18	26	24	21	18	25	24	21	17	26	25	22	18	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17
		KW	0.97	0.97	0.97	1.0	1.07	1.07	1.06	1.07	1.18	1.17	1.17	1.2	1.29	1.29	1.29	1.30	1.42	1.42	1.42	1.4	1.58	1.57	1.57	1.58	1.42	1.42	1.42	1.4	1.42	1.42	1.42	1.4	1.42	1.42	1.42	1.4	1.42	1.42	1.42	1.4	1.42	1.42	1.42	1.4
		Amps	3.3	3.3	3.3	3.4	3.8	3.8	3.8	3.8	4.3	4.3	4.3	4.3	4.8	4.8	4.8	4.8	5.4	5.4	5.4	5.4	6.1	6.1	6.1	6.1	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
<b>600</b>		HI PR	249	250	252	256	288	289	291	296	329	331	332	337	374	375	377	381	421	422	424	429	472	473	475	479	421	422	424	429	421	422	424	429	421	422	424	429	421	422	424	429	421	422	424	429
		LO PR	126	128	131	136	134	135	138	144	140	142	145	150	146	148	151	156	152	153	156	162	158	160	163	169	152	153	156	162	152	153	156	162	152	153	156	162	152	153	156	162	152	153	156	162
<b>80</b>		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	16.2	16.4	17.0	17.8	16.2	16.4	17.0	17.8	16.2	16.4	17.0	17.8	16.2	16.4	17.0	17.8				
		S/T	1.00	0.85	0.71	0.6	1.00	0.85	0.72	0.57	1.00	0.88	0.74	0.6	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.6	1.00	1.00	0.83	0.69	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				
		ΔT	25	23	20	17	25	23	20	17	25	23	20	17	25	23	20	17	24	23	20	16	25	24	21	17	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16				
		KW	0.98	0.98	0.97	1.0	1.07	1.07	1.07	1.08	1.18	1.18	1.18	1.2	1.30	1.30	1.30	1.31	1.43	1.43	1.43	1.4	1.58	1.58	1.58	1.59	1.43	1.43	1.43	1.4	1.43	1.43	1.43	1.4	1.43	1.43	1.43	1.4	1.43	1.43	1.43	1.4				
		Amps	3.4	3.4	3.3	3.4	3.8	3.8	3.8	3.8	4.3	4.3	4.3	4.3	4.8	4.8	4.8	4.8	5.4	5.4	5.4	5.4	6.1	6.1	6.1	6.1	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4				
<b>675</b>		HI PR	251	252	254	258	291	292	293	298	332	333	334	339	376	377	379	383	424	425	426	431	474	476	477	482	424	425	426	431	424	425	426	431	424	425	426	431	424	425	426	431				
		LO PR	128	129	133	138	135	137	140	146	142	144	147	152	148	149	153	158	153	155	158	163	160	162	165	170	153	155	158	163	153	155	158	163	153	155	158	163	153	155	158	163				
<b>85</b>		MBh	18.9	19.2	19.8	20.6	18.8	19.0	19.6	20.4	18.3	18.6	19.1	19.9	17.5	17.7	18.3	19.1	16.5	16.7	17.3	18.1	15.6	15.8	16.4	17.2	16.5	16.7	17.3	18.1	16.5	16.7	17.3	18.1	16.5	16.7	17.3	18.1	16.5	16.7	17.3	18.1				
		S/T	1.00	0.88	0.74	0.6	1.00	0.89	0.75	0.61	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.65	1.00	1.00	0.82	0.7	1.00	1.00	0.83	0.72	1.00	1.00	0.82	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.82	0.7				
		ΔT	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	15	25	23	20	16	24	22	19	15	24	22	19	15	24	22	19	15	24	22	19	15				
		KW	0.97	0.97	0.97	0.98	1.07	1.07	1.07	1.07	1.18	1.18	1.18	1.2	1.30	1.30	1.30	1.31	1.43	1.43	1.43	1.4	1.58	1.58	1.58	1.59	1.43	1.43	1.43	1.4	1.43	1.43	1.43	1.4	1.43	1.43	1.43	1.4	1.43	1.43	1.43	1.4				
		Amps	3.3	3.3	3.3	3.4	3.8	3.8	3.8	3.8	4.3	4.3	4.3	4.3	4.8	4.8	4.8	4.8	5.4	5.4	5.4	5.4	6.1	6.1	6.1	6.1	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4				
<b>525</b>		HI PR	250	251	253	258	290	291	292	297	331	332	333	338	375	376	378	382	423	424	425	430	473	475	476	481	423	424	425	430	423	424	425	430	423	424	425	430	423	424	425	430				
		LO PR	128	129	133	138	136	137	140	146	142	144	147	152	148	149	153	158	153	155	158	163	160	162	165	170	153	155	158	163	153	155	158	163	153	155	158	163	153	155	158	163				
<b>600</b>		MBh	19.0	19.2	19.8	20.6	18.8	19.1	19.6	20.4	18.3	18.6	19.1	19.9	17.5	17.8	18.3	19.1	16.5	16.8	17.3	18.1	15.6	15.8	16.4	17.2	16.5	16.8	17.3	18.1	16.5	16.8	17.3	18.1	16.5	16.8	17.3	18.1	16.5	16.8	17.3	18.1				
		S/T	1.00	0.95	0.81	0.67	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.74	0.74	1.00	1.00	0.79	1.00	1.00	0.74	0.74	1.00	1.00	0.74	0.74	1.00	1.00	0.74	0.74	1.00	1.00	0.74	0.74					
		ΔT	28	26	23	20	28	26	23	20	28	27	23	20	28	26	23	20	28	26	23	20	29	27	24	21	28	26	23	20	28	26	23	20	28	26	23	20	28	26	23	20				
		KW	0.98	0.98	0.98	0.98	1.07	1.07	1.07	1.08	1.18	1.18	1.18	1.19	1.30	1.30	1.30	1.30	1.43	1.43	1.43	1.43	1.58	1.58	1.58	1.59	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43				
		Amps	3.4	3.4	3.4	3.4	3.8	3.8	3.8	3.8	4.3	4.3	4.3	4.3	4.8	4.8	4.8	4.8	5.4	5.4	5.4	5.4	6.1	6.1	6.1	6.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4				
<b>675</b>		HI PR	252	254	255	260	292	293	295	299	333	334	336	340	377	378	380	384	425	426	428	432	476	477	478	483	425	426	428	432	425	426	428	432	425	426	428	432	425	426	428	432				
		LO PR	130	131	134	140	137	139	142	147	144	146	149	154	150	151	154	160	155	157	160	165	162	164	167	172	155	157	160	165	155	157	160	165	155	157	160	165	155	157	160	165				

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		OUTDOOR AMBIENT TEMPERATURE												105												115											
		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	550	MBh	18.1	18.4	18.9	-	18.0	18.2	18.8	-	17.5	17.8	18.3	-	16.7	17.0	17.5	-	15.7	16.0	16.5	-	14.8	15.1	15.6	-	14.8	15.1	15.6	-	14.8	15.1	15.6	-			
		S/T	0.65	0.57	0.44	-	0.65	0.58	0.45	-	0.68	0.60	0.47	-	1.00	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.69	0.56	-	1.00	0.69	0.56	-	1.00	0.69	0.56	-			
		ΔT	20	18	14	-	20	18	14	-	20	18	14	-	20	18	14	-	19	18	14	-	21	19	15	-	21	19	15	-	21	19	15	-			
		KW	1.05	1.05	1.05	-	1.17	1.17	1.16	-	1.30	1.30	1.29	-	1.44	1.44	1.43	-	1.59	1.59	1.59	-	1.78	1.78	1.77	-	1.78	1.78	1.77	-	1.78	1.78	1.77	-			
		Amps	3.9	3.9	3.9	-	4.4	4.4	4.4	-	5.0	5.0	5.0	-	5.7	5.7	5.6	-	6.4	6.4	6.4	-	7.2	7.2	7.2	-	7.2	7.2	7.2	-	7.2	7.2	7.2	-			
		HI PR	240	241	242	-	277	278	280	-	316	318	319	-	359	360	362	-	404	405	407	-	453	454	456	-	453	454	456	-	453	454	456	-			
	LO PR	125	126	129	-	132	134	137	-	139	140	143	-	144	146	149	-	150	151	154	-	156	158	161	-	156	158	161	-	156	158	161	-				
	600	MBh	18.3	18.6	19.1	-	18.2	18.4	19.0	-	17.7	18.0	18.5	-	16.9	17.2	17.7	-	15.9	16.2	16.7	-	15.0	15.3	15.8	-	15.0	15.3	15.8	-	15.0	15.3	15.8	-			
		S/T	0.67	0.60	0.47	-	0.68	0.61	0.47	-	0.70	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.72	0.59	-	1.00	0.72	0.59	-	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	-	20	18	14	-	20	18	14	-			
		KW	1.05	1.05	1.05	-	1.17	1.17	1.17	-	1.30	1.30	1.30	-	1.44	1.44	1.44	-	1.60	1.60	1.59	-	1.78	1.78	1.78	-	1.78	1.78	1.78	-	1.78	1.78	1.78	-			
		Amps	3.9	3.9	3.9	-	4.4	4.4	4.4	-	5.0	5.0	5.0	-	5.7	5.7	5.7	-	6.4	6.4	6.4	-	7.2	7.2	7.2	-	7.2	7.2	7.2	-	7.2	7.2	7.2	-			
HI PR		241	242	244	-	279	280	281	-	318	319	321	-	360	361	363	-	406	407	409	-	455	456	457	-	455	456	457	-	455	456	457	-				
LO PR	126	128	131	-	133	135	138	-	140	142	145	-	146	147	150	-	151	152	156	-	158	159	162	-	158	159	162	-	158	159	162	-					
675	MBh	18.7	18.9	19.5	-	18.5	18.8	19.3	-	18.1	18.3	18.9	-	17.3	17.5	18.1	-	16.3	16.5	17.1	-	15.4	15.6	16.2	-	15.4	15.6	16.2	-	15.4	15.6	16.2	-				
	S/T	0.69	0.62	0.49	-	0.70	0.62	0.49	-	0.72	0.65	0.52	-	1.00	0.67	0.53	-	1.00	0.69	0.56	-	1.00	0.74	0.61	-	1.00	0.74	0.61	-	1.00	0.74	0.61	-				
	ΔT	18	16	13	-	18	16	12	-	18	16	13	-	18	16	12	-	18	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-				
	KW	1.06	1.06	1.06	-	1.18	1.17	1.17	-	1.30	1.30	1.30	-	1.45	1.44	1.44	-	1.60	1.60	1.60	-	1.79	1.79	1.78	-	1.79	1.79	1.78	-	1.79	1.79	1.78	-				
	Amps	3.9	3.9	3.9	-	4.5	4.5	4.5	-	5.1	5.1	5.0	-	5.7	5.7	5.7	-	6.4	6.4	6.4	-	7.3	7.3	7.2	-	7.3	7.3	7.2	-	7.3	7.3	7.2	-				
	HI PR	243	244	246	-	281	282	283	-	320	321	323	-	362	363	365	-	408	409	411	-	457	458	459	-	457	458	459	-	457	458	459	-				
LO PR	128	130	133	-	136	137	141	-	142	144	147	-	148	149	153	-	153	155	158	-	160	162	165	-	160	162	165	-	160	162	165	-					
75	550	MBh	18.2	18.4	18.9	19.8	18.0	18.2	18.8	19.6	17.5	17.8	18.3	19.1	16.7	17.0	17.5	18.3	15.7	16.0	16.5	17.3	14.8	15.1	15.6	16.4	14.8	15.1	15.6	16.4							
		S/T	0.77	0.70	0.57	0.43	0.78	0.70	0.57	0.43	1.00	0.73	0.60	0.46	1.00	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	1.00	0.69	0.55	1.00	1.00	0.69	0.55							
		ΔT	24	22	18	15	24	22	18	15	24	22	19	15	24	22	18	15	24	22	18	14	25	23	19	16	25	23	19	16							
		KW	1.05	1.05	1.05	1.06	1.17	1.16	1.16	1.17	1.30	1.29	1.29	1.30	1.44	1.43	1.43	1.44	1.59	1.59	1.59	1.60	1.78	1.78	1.77	1.78	1.78	1.78	1.77	1.78							
		Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.0	5.7	5.6	5.6	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2							
		HI PR	240	241	243	247	277	278	280	284	317	318	319	324	359	360	362	366	405	406	407	411	453	454	456	460	453	454	456	460							
	LO PR	125	126	129	134	132	134	137	142	139	140	143	148	144	146	149	154	150	151	154	159	156	158	161	166	156	158	161	166								
	600	MBh	18.4	18.6	19.1	20.0	18.2	18.4	19.0	19.8	17.7	18.0	18.5	19.3	16.9	17.2	17.7	18.5	15.9	16.2	16.7	17.5	15.0	15.3	15.8	16.6	15.0	15.3	15.8	16.6							
		S/T	0.80	0.73	0.59	0.45	1.00	0.73	0.60	0.46	1.00	0.76	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.80	0.66	0.53	1.00	1.00	0.71	0.58	1.00	1.00	0.71	0.58							
		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	24	22	19	15							
		KW	1.05	1.05	1.05	1.06	1.17	1.17	1.17	1.18	1.30	1.30	1.30	1.31	1.44	1.44	1.44	1.45	1.60	1.60	1.59	1.60	1.78	1.78	1.78	1.79	1.78	1.78	1.78	1.79							
		Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.5	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2							
HI PR		241	242	244	248	279	280	282	286	318	319	321	325	360	361	363	367	406	407	409	413	455	456	457	462	455	456	457	462								
LO PR	126	128	131	136	133	135	138	143	140	142	145	150	146	147	150	155	151	153	156	161	158	159	162	168	158	159	162	168									
675	MBh	18.7	19.0	19.5	20.3	18.5	18.8	19.3	20.2	18.1	18.3	18.9	19.7	17.3	17.5	18.1	18.9	16.3	16.5	17.1	17.9	15.4	15.6	16.2	17.0	15.4	15.6	16.2	17.0								
	S/T	0.82	0.74	0.61	0.47	1.00	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	1.00	0.68	0.54	1.00	1.00	0.73	0.59	1.00	1.00	0.73	0.59								
	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	23	21	18	14								
	KW	1.06	1.06	1.06	1.06	1.17	1.17	1.17	1.18	1.30	1.30	1.30	1.31	1.44	1.44	1.44	1.45	1.60	1.60	1.60	1.61	1.79	1.78	1.78	1.79	1.79	1.78	1.78	1.79								
	Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.4	4.5	5.1	5.0	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.3	7.3	7.2	7.3	7.3	7.3	7.2	7.3								
	HI PR	244	245	246	250	281	282	284	288	320	321	323	327	363	364	365	369	408	409	411	415	457	458	460	464	457	458	460	464								
LO PR	128	130	133	138	136	137	141	146	142	144	147	152	148	149	153	158	153	155	158	163	160	162	165	170	160	162	165	170									

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)

EXPANDED COOLING DATA — GSX140191\*\* + CA\*F3636\*6\*\* + EEP + TXV (CONT.)

IDB	AIRFLOW	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
80	MBh	18.2	18.5	19.0	19.8	18.1	18.3	18.9	19.7	17.6	17.9	18.4	19.2	16.8	17.1	17.6	18.4	15.8	16.1	16.6	17.4	14.9	15.2	15.7	16.5
	S/T	1.00	0.82	0.69	0.6	1.00	0.83	0.69	0.56	1.00	0.85	0.72	0.6	1.00	1.00	0.74	0.60	1.00	1.00	0.76	0.6	1.00	1.00	0.81	0.67
	ΔT	28	26	23	19	28	26	23	19	29	27	23	19	28	26	23	19	28	26	22	19	29	27	24	20
	KW	1.05	1.05	1.05	1.1	1.17	1.17	1.16	1.17	1.30	1.30	1.29	1.3	1.44	1.44	1.43	1.44	1.59	1.59	1.59	1.6	1.78	1.78	1.77	1.78
	Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.5	5.0	5.0	5.0	5.0	5.7	5.7	5.6	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.2
	HI PR	240	241	243	247	278	279	281	285	317	318	320	324	359	360	362	366	405	406	408	412	454	455	456	461
	LO PR	125	127	130	135	133	134	137	142	139	141	144	149	145	146	149	155	152	152	155	160	157	158	162	167
	MBh	18.4	18.7	19.2	20.0	18.3	18.5	19.1	19.9	17.8	18.1	18.6	19.4	17.0	17.3	17.8	18.6	16.0	16.3	16.8	17.6	15.1	15.4	15.9	16.7
	S/T	1.00	0.85	0.72	0.6	1.00	0.85	0.72	0.58	1.00	0.88	0.75	0.6	1.00	1.00	0.76	0.63	1.00	1.00	0.79	0.7	1.00	1.00	0.84	0.70
	ΔT	28	26	22	18	28	26	22	18	28	26	22	19	28	26	22	18	27	25	22	18	28	27	23	19
KW	1.05	1.05	1.05	1.1	1.17	1.17	1.17	1.18	1.30	1.30	1.30	1.3	1.44	1.44	1.44	1.45	1.60	1.60	1.59	1.6	1.78	1.78	1.78	1.79	
Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.5	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.3	
HI PR	242	243	244	249	279	280	282	286	319	320	321	325	361	362	364	368	406	408	409	413	455	456	458	462	
LO PR	127	128	131	136	134	136	139	144	141	142	145	150	146	148	151	156	152	153	156	161	158	160	163	168	
MBh	18.8	19.1	19.6	20.4	18.6	18.9	19.4	20.2	18.2	18.4	19.0	19.8	17.4	17.6	18.2	19.0	16.4	16.6	17.2	18.0	15.5	15.7	16.3	17.1	
S/T	1.00	0.86	0.73	0.6	1.00	0.87	0.74	0.60	1.00	0.89	0.76	0.6	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.7	1.00	1.00	0.85	0.71	
ΔT	27	25	21	17	27	25	21	17	27	25	21	18	27	25	21	17	26	24	21	17	28	26	22	18	
KW	1.06	1.06	1.06	1.1	1.18	1.17	1.17	1.18	1.30	1.30	1.30	1.3	1.45	1.44	1.44	1.45	1.60	1.60	1.60	1.6	1.79	1.78	1.78	1.79	
Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.4	4.5	5.1	5.1	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.3	7.3	7.2	7.3	
HI PR	244	245	247	251	281	282	284	288	321	322	323	328	363	364	366	370	409	410	411	416	457	458	460	464	
LO PR	129	130	134	139	136	138	141	146	143	144	148	153	149	150	153	158	154	155	159	164	161	162	165	171	

IDB	AIRFLOW	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
85	MBh	18.5	18.8	19.3	20.2	18.4	18.6	19.2	20.0	17.9	18.2	18.7	19.5	17.1	17.4	17.9	18.7	16.1	16.4	16.9	17.7	15.2	15.5	16.0	16.8
	S/T	1.00	0.92	0.79	0.65	1.00	1.00	0.79	0.65	1.00	1.00	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	1.00	0.77
	ΔT	32	30	27	23	32	30	27	23	32	30	27	23	32	30	27	23	32	30	26	23	33	31	27	24
	KW	1.05	1.05	1.05	1.06	1.17	1.17	1.17	1.17	1.30	1.30	1.30	1.30	1.44	1.44	1.44	1.44	1.60	1.59	1.59	1.60	1.78	1.78	1.78	1.79
	Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.5	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.3
	HI PR	241	242	244	248	279	280	282	286	318	319	321	325	361	362	363	367	406	407	409	413	455	456	458	462
	LO PR	127	128	132	137	134	136	139	144	141	143	146	151	147	148	151	156	152	153	157	162	159	160	163	169
	MBh	18.7	19.0	19.5	20.4	18.6	18.8	19.4	20.2	18.1	18.4	18.9	19.7	17.3	17.6	18.1	18.9	16.3	16.6	17.1	17.9	15.4	15.7	16.2	17.0
	S/T	1.00	0.95	0.81	0.67	1.00	1.00	0.82	0.68	1.00	1.00	0.84	0.71	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.75	1.00	1.00	1.00	0.80
	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	1.06	1.06	1.06	1.06	1.17	1.17	1.17	1.18	1.30	1.30	1.30	1.31	1.44	1.44	1.44	1.45	1.60	1.60	1.60	1.61	1.78	1.78	1.78	1.79	
Amps	3.9	3.9	3.9	3.9	4.5	4.4	4.4	4.5	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.3	
HI PR	243	244	246	250	280	281	283	287	320	321	322	327	362	363	365	369	408	409	410	414	456	457	459	463	
LO PR	128	130	133	138	136	137	141	146	142	144	147	152	148	149	153	158	153	155	158	163	160	162	165	170	
MBh	19.1	19.4	19.9	20.7	18.9	19.2	19.7	20.5	18.5	18.7	19.3	20.1	17.7	17.9	18.5	19.3	16.7	16.9	17.5	18.3	15.8	16.0	16.6	17.4	
S/T	1.00	0.96	0.83	0.69	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.90	0.76	1.00	1.00	1.00	0.81	
ΔT	30	28	25	21	30	28	25	21	31	29	25	21	30	28	25	21	30	28	25	21	31	29	26	22	
KW	1.06	1.06	1.06	1.07	1.18	1.18	1.17	1.18	1.31	1.31	1.30	1.31	1.45	1.45	1.44	1.45	1.60	1.60	1.60	1.61	1.79	1.79	1.79	1.79	
Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.5	7.3	7.3	7.3	7.3	
HI PR	245	246	248	252	283	284	285	289	322	323	325	329	364	365	367	371	410	411	412	417	458	459	461	465	
LO PR	131	132	135	141	138	140	143	148	145	146	149	155	150	152	155	160	156	157	160	166	163	164	167	172	

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	OUTDOOR AMBIENT TEMPERATURE																					115																				
	65							75							85							95							105													
	AIRFLOW							ENTERING INDOOR WET BULB TEMPERATURE							ENTERING INDOOR WET BULB TEMPERATURE							ENTERING INDOOR WET BULB TEMPERATURE							ENTERING INDOOR WET BULB TEMPERATURE													
	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	22.1	22.9	25.1	-	21.6	22.3	24.5	-	21.0	21.8	23.9	-	20.5	21.3	23.3	-	19.5	20.2	22.2	-	18.1	18.7	20.5	-	18.1	18.7	20.5	-													
	S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-	0.81	0.67	0.47	-													
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	18	16	12	-													
	KW	1.26	1.29	1.33	-	1.37	1.40	1.45	-	1.46	1.50	1.55	-	1.54	1.58	1.64	-	1.62	1.65	1.71	-	1.68	1.72	1.78	-	1.68	1.72	1.78	-													
	Amps	5.5	5.6	5.8	-	5.9	6.1	6.2	-	6.4	6.6	6.8	-	6.8	7.0	7.2	-	7.3	7.4	7.7	-	7.7	7.9	8.1	-	7.7	7.9	8.1	-													
	HI PR	217	233	246	-	243	262	276	-	277	298	314	-	315	339	358	-	354	381	403	-	391	421	445	-	391	421	445	-													
	LO PR	106	113	123	-	112	119	130	-	117	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-	133	141	154	-													
	MBh	22.4	23.2	25.4	-	21.9	22.7	24.8	-	21.4	22.1	24.3	-	20.8	21.6	23.7	-	19.8	20.5	22.5	-	18.3	19.0	20.8	-	18.3	19.0	20.8	-													
	S/T	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-													
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-													
KW	1.27	1.30	1.34	-	1.37	1.41	1.46	-	1.47	1.50	1.56	-	1.55	1.59	1.65	-	1.63	1.66	1.72	-	1.69	1.73	1.79	-	1.69	1.73	1.79	-														
Amps	5.5	5.7	5.8	-	6.0	6.1	6.3	-	6.4	6.6	6.8	-	6.9	7.0	7.3	-	7.3	7.5	7.7	-	7.7	7.9	8.2	-	7.7	7.9	8.2	-														
HI PR	218	235	248	-	245	263	278	-	278	300	316	-	317	341	360	-	357	384	405	-	394	424	448	-	394	424	448	-														
LO PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	134	142	155	-														
MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.3	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-	18.7	19.4	21.2	-														
S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-														
ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	16	14	11	-														
KW	1.28	1.31	1.36	-	1.39	1.42	1.47	-	1.49	1.52	1.58	-	1.57	1.61	1.67	-	1.64	1.68	1.75	-	1.71	1.75	1.81	-	1.71	1.75	1.81	-														
Amps	5.6	5.7	5.9	-	6.0	6.2	6.4	-	6.5	6.7	6.9	-	7.0	7.1	7.3	-	7.4	7.6	7.8	-	7.8	8.0	8.3	-	7.8	8.0	8.3	-														
HI PR	221	238	251	-	248	267	282	-	282	304	321	-	321	346	365	-	361	389	411	-	399	430	454	-	399	430	454	-														
LO PR	108	115	126	-	114	122	133	-	119	126	138	-	125	133	145	-	131	139	152	-	135	144	157	-	135	144	157	-														
75	MBh	22.4	23.1	25.0	26.8	21.9	22.6	24.4	26.2	21.4	22.0	23.9	25.6	20.9	21.5	23.3	25.0	19.8	20.4	22.1	23.7	18.4	18.9	20.5	22.0	18.4	18.9	20.5	22.0													
	S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40	0.92	0.82	0.62	0.40													
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11	21	20	16	11													
	KW	1.27	1.30	1.35	1.39	1.38	1.41	1.46	1.51	1.47	1.51	1.56	1.62	1.56	1.60	1.65	1.71	1.63	1.67	1.73	1.79	1.69	1.73	1.80	1.86	1.69	1.73	1.80	1.86													
	Amps	5.5	5.7	5.8	6.1	6.0	6.1	6.3	6.5	6.5	6.6	6.8	7.1	6.9	7.1	7.3	7.6	7.3	7.5	7.7	8.0	7.7	7.9	8.2	8.5	7.7	7.9	8.2	8.5													
	HI PR	219	236	249	259	246	264	279	291	279	301	317	331	318	318	342	362	377	358	385	407	424	395	426	449	469	395	426	449	469												
	LO PR	107	114	125	133	113	120	132	140	118	125	137	146	124	132	144	153	130	138	150	160	134	143	156	166	134	143	156	166													
	MBh	22.8	23.5	25.4	27.3	22.3	22.9	24.8	26.6	21.7	22.4	24.2	26.0	21.2	21.8	23.6	25.3	20.1	20.7	22.4	24.1	18.7	19.2	20.8	22.3	18.7	19.2	20.8	22.3													
	S/T	0.83	0.75	0.57	0.36	0.87	0.77	0.59	0.38	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42													
	ΔT	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	15	11	21	19	15	11													
KW	1.28	1.31	1.35	1.40	1.39	1.42	1.47	1.52	1.48	1.52	1.57	1.63	1.57	1.61	1.66	1.72	1.64	1.68	1.74	1.80	1.70	1.74	1.81	1.87	1.70	1.74	1.81	1.87														
Amps	5.6	5.7	5.9	6.1	6.0	6.1	6.3	6.6	6.5	6.7	6.9	7.1	6.9	7.1	7.3	7.6	7.4	7.5	7.8	8.1	7.8	8.0	8.2	8.5	7.8	8.0	8.2	8.5														
HI PR	220	237	250	261	247	266	281	293	281	303	320	333	320	320	345	364	380	360	388	410	427	398	429	453	472	398	429	453	472													
LO PR	108	115	125	134	114	121	132	141	119	126	138	147	125	132	145	154	130	139	152	161	135	144	157	167	135	144	157	167														
MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.2	22.8	24.7	26.5	21.6	22.3	24.1	25.8	20.5	21.1	22.9	24.6	19.0	19.6	21.2	22.7	19.0	19.6	21.2	22.7														
S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.87	0.65	0.42	0.98	0.87	0.66	0.42	0.98	0.87	0.66	0.42														
ΔT	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11	19	17	14	10	19	17	14	10														
KW	1.29	1.32	1.37	1.42	1.40	1.44	1.49	1.54	1.50	1.54	1.59	1.65	1.59	1.62	1.68	1.74	1.66	1.70	1.76	1.83	1.72	1.77	1.83	1.90	1.72	1.77	1.83	1.90														
Amps	5.6	5.8	6.0	6.2	6.1	6.2	6.4	6.6	6.6	6.7	7.0	7.2	7.0	7.2	7.4	7.7	7.5	7.6	7.9	8.2	7.9	8.1	8.3	8.6	7.9	8.1	8.3	8.6														
HI PR	223	240	254	265	251	270	285	297	285	307	324	338	325	325	349	369	385	365	393	415	433	403	434	458	478	403	434	458	478													
LO PR	109	116	127	135	116	123	134	143	120	128	139	149	126	134	146	156	132	141	154	163	137	145	159	169	137	145	159	169														

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										
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71						
	<b>AIRFLOW</b>	MBh	S/T	ΔT	KW	Amps	HI PR	LO PR	MBh	S/T	ΔT	KW	Amps	HI PR	LO PR	MBh	S/T	ΔT	KW	Amps	HI PR	LO PR					
70	700		24.5	24.9	25.6	-	24.3	24.7	25.4	-	23.7	24.0	24.7	-	22.6	22.9	23.7	-	21.3	21.6	22.3	-	20.1	20.4	21.1	-	
			0.63	0.56	0.43	-	0.63	0.56	0.43	-	0.66	0.59	0.46	-	0.68	0.60	0.48	-	1.00	0.62	0.50	-	1.00	0.67	0.55	-	
			20	18	15	-	20	18	15	-	21	19	15	-	20	18	15	-	20	18	14	-	21	19	16	-	
			1.41	1.40	1.40	-	1.57	1.57	1.57	-	1.75	1.75	1.75	-	1.95	1.95	1.95	-	2.17	2.17	2.17	-	2.43	2.43	2.43	-	
			5.3	5.3	5.2	-	6.0	6.0	6.0	-	6.9	6.8	6.8	-	7.8	7.8	7.7	-	8.8	8.8	8.8	-	10.0	10.0	10.0	-	
		121	123	126	-	128	130	133	-	135	136	139	-	140	142	145	-	145	147	150	-	152	153	156	-		
		25.0	25.3	26.0	-	24.8	25.1	25.8	-	24.1	24.5	25.2	-	23.0	23.4	24.1	-	21.7	22.1	22.8	-	20.5	20.8	21.6	-		
		0.66	0.59	0.46	-	0.67	0.60	0.47	-	0.69	0.62	0.49	-	0.71	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-		
		19	17	14	-	19	17	13	-	19	17	14	-	19	17	13	-	19	17	13	-	20	18	14	-		
		1.41	1.41	1.41	-	1.58	1.58	1.57	-	1.76	1.76	1.76	-	1.96	1.96	1.96	-	2.18	2.18	2.18	-	2.44	2.44	2.44	-		
		5.3	5.3	5.3	-	6.1	6.0	6.0	-	6.9	6.9	6.9	-	7.8	7.8	7.8	-	8.8	8.8	8.8	-	10.0	10.0	10.0	-		
	123	125	128	-	131	132	135	-	137	138	141	-	142	144	147	-	148	149	152	-	154	156	159	-			
	25.5	25.9	26.6	-	25.3	25.6	26.4	-	24.7	25.0	25.7	-	23.6	23.9	24.6	-	22.3	22.6	23.3	-	21.0	21.4	22.1	-			
	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	-			
	18	16	13	-	18	16	12	-	18	16	13	-	18	16	12	-	18	16	12	-	19	17	13	-			
	1.42	1.42	1.42	-	1.59	1.58	1.58	-	1.77	1.77	1.76	-	1.97	1.97	1.96	-	2.19	2.19	2.19	-	2.45	2.45	2.45	-			
	5.3	5.3	5.3	-	6.1	6.1	6.1	-	6.9	6.9	6.9	-	7.8	7.8	7.8	-	8.8	8.8	8.8	-	10.0	10.0	10.0	-			
	126	127	130	-	133	135	138	-	140	141	144	-	145	146	149	-	150	152	155	-	157	158	161	-			
75	700		24.5	24.9	25.6	26.7	24.3	24.7	25.4	26.5	23.7	24.0	24.8	25.9	22.6	<b>23.0</b>	23.7	24.8	21.3	21.6	22.3	23.4	20.1	20.4	21.1	22.2	
			0.75	0.68	0.55	0.42	0.76	0.68	0.56	0.42	1.00	0.71	0.58	0.44	1.00	<b>0.73</b>	0.60	0.46	1.00	0.75	0.62	0.48	1.00	0.80	0.67	0.53	
			25	23	19	15	25	23	19	15	25	23	19	15	25	<b>23</b>	19	15	24	22	19	15	26	24	20	16	
			1.40	1.40	1.40	1.41	1.57	1.57	1.56	1.58	1.75	1.75	1.75	1.76	1.76	1.95	<b>1.95</b>	1.95	1.96	2.17	2.17	2.17	2.18	2.43	2.43	2.43	2.44
			5.3	5.2	5.2	5.3	6.0	6.0	6.0	6.0	6.8	6.8	6.8	6.9	7.8	<b>7.8</b>	7.7	7.8	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.0	
		121	123	126	131	128	130	133	138	135	136	139	144	140	<b>142</b>	145	150	145	145	147	150	155	152	153	157	162	
		25.0	25.3	26.1	27.2	24.8	25.1	25.8	26.9	24.1	24.5	25.2	26.3	23.1	<b>23.4</b>	24.1	25.2	21.7	22.1	22.8	23.9	20.5	20.9	21.6	22.7		
		0.78	0.71	0.58	0.45	0.79	0.72	0.59	0.46	1.00	0.74	0.61	0.48	1.00	<b>0.76</b>	0.63	0.50	1.00	0.78	0.65	0.52	1.00	1.00	0.70	0.57		
		24	22	18	14	24	22	18	14	24	22	18	14	24	<b>22</b>	18	14	23	21	18	14	25	23	19	15		
		1.41	1.41	1.41	1.42	1.58	1.58	1.57	1.59	1.76	1.76	1.76	1.77	1.77	1.96	<b>1.96</b>	1.96	1.97	2.18	2.18	2.18	2.19	2.44	2.44	2.44	2.45	
		5.3	5.3	5.3	5.3	6.0	6.0	6.0	6.1	6.9	6.9	6.9	6.9	7.8	<b>7.8</b>	7.8	7.8	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.0		
	123	125	128	133	131	132	135	140	137	138	141	147	142	<b>144</b>	147	152	148	149	152	157	154	156	159	164			
	25.5	25.9	26.6	27.7	25.3	25.7	26.4	27.5	24.7	25.0	25.8	26.9	23.6	<b>23.9</b>	24.7	25.8	22.3	22.6	23.3	24.4	21.1	21.4	22.1	23.2			
	0.79	0.72	0.59	0.46	1.00	0.73	0.60	0.46	1.00	0.75	0.62	0.49	1.00	<b>0.77</b>	0.64	0.51	1.00	0.79	0.66	0.53	1.00	1.00	0.71	0.57			
	23	21	17	13	23	21	17	13	23	21	17	13	23	<b>21</b>	17	13	22	20	17	13	24	22	18	14			
	1.42	1.42	1.42	1.43	1.58	1.58	1.58	1.59	1.77	1.77	1.76	1.78	1.97	<b>1.96</b>	1.96	1.97	2.19	2.19	2.18	2.20	2.45	2.45	2.44	2.46			
	5.3	5.3	5.3	5.4	6.1	6.1	6.1	6.1	6.9	6.9	6.9	7.0	7.8	<b>7.8</b>	7.8	7.9	8.8	8.8	8.8	8.9	10.0	10.0	10.0	10.1			
	126	127	130	136	133	135	138	143	140	141	144	149	145	<b>146</b>	149	155	150	152	155	160	157	158	161	166			

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)

**EXPANDED COOLING DATA — GSX140251\*\* + CA\*F3636\*6\*\*\* + EEP (CONT.)**

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																																							
		65							75							85							95							105							115				
80		ENTERING INDOOR WET BULB TEMPERATURE																																							
		59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171											
	MBh	24.7	25.0	25.7	26.8	24.5	24.8	25.5	26.6	23.8	24.2	24.9	26.0	22.7	23.1	23.8	24.9	21.4	21.7	22.5	23.6	20.2	20.5	21.3	22.4	17.4	17.8	18.6	19.7	16.3	16.7	17.5	18.6								
	S/T	0.87	0.80	0.67	0.5	1.00	0.80	0.67	0.54	1.00	0.83	0.70	0.6	1.00	0.84	0.72	0.58	1.00	1.00	1.00	0.74	1.00	1.00	1.00	0.79	1.00	1.00	1.00	0.74	1.00	1.00	1.00	0.65								
	ΔT	29	27	23	20	29	27	23	20	29	27	24	20	29	27	23	20	29	27	23	19	30	28	24	21	27	25	21	17	24	22	18	14								
	KW	1.41	1.40	1.40	1.4	1.57	1.57	1.57	1.58	1.75	1.75	1.75	1.8	1.95	1.95	1.95	1.96	2.17	2.17	2.17	2.2	2.43	2.43	2.43	2.44	2.71	2.71	2.71	2.72	2.99	2.99	2.99	3.0								
	Amps	5.3	5.3	5.2	5.3	6.0	6.0	6.0	6.1	6.9	6.8	6.8	6.9	7.8	7.8	7.8	7.8	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.0	11.2	11.2	11.2	11.3	12.5	12.5	12.5	12.6								
	HI PR	254	255	257	261	293	294	296	301	335	336	338	342	380	381	382	387	428	429	431	435	479	480	482	486	527	528	530	534	575	576	578	582								
	LO PR	122	123	126	131	129	130	133	139	135	137	140	145	141	142	145	150	146	147	150	156	153	154	157	162	159	160	162	166	169	170	172	176								
	MBh	25.1	25.5	26.2	27.3	24.9	25.2	26.0	27.1	24.3	24.6	25.3	26.4	23.2	23.5	24.2	25.3	21.8	22.2	22.9	24.0	20.6	21.0	21.7	22.8	17.8	18.2	19.0	20.1	16.7	17.1	17.9	19.0								
	S/T	1.00	0.83	0.70	0.6	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.6	1.00	0.88	0.75	0.62	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.69								
	ΔT	28	26	22	18	28	26	22	18	28	26	23	19	28	26	22	18	28	26	22	18	29	27	23	19	26	24	20	16	23	21	17	13								
	KW	1.41	1.41	1.41	1.4	1.58	1.58	1.57	1.59	1.76	1.76	1.76	1.8	1.96	1.96	1.96	1.96	2.18	2.18	2.18	2.2	2.44	2.44	2.44	2.45	2.72	2.72	2.72	2.73	2.99	2.99	2.99	3.0								
	Amps	5.3	5.3	5.3	5.3	6.0	6.0	6.0	6.1	6.9	6.9	6.9	6.9	7.8	7.8	7.8	7.8	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.0	11.2	11.2	11.2	11.3	12.5	12.5	12.5	12.6								
	HI PR	256	257	259	263	296	297	299	303	337	338	340	344	382	383	385	389	430	431	433	437	481	483	484	489	533	534	536	540	585	586	588	592								
	LO PR	124	125	128	133	131	133	136	141	138	139	142	147	143	144	147	152	148	150	153	158	155	156	159	164	161	162	164	168	171	172	174	178								
	MBh	25.7	26.0	26.7	27.8	25.4	25.8	26.5	27.6	24.8	25.2	25.9	27.0	23.7	24.1	24.8	25.9	22.4	22.7	23.5	24.6	21.2	21.5	22.2	23.3	18.4	18.8	19.6	20.7	17.3	17.7	18.5	19.6								
	S/T	1.00	0.84	0.71	0.6	1.00	0.84	0.72	0.58	1.00	0.87	0.74	0.6	1.00	1.00	0.76	0.62	1.00	1.00	1.00	0.78	1.00	1.00	1.00	0.83	1.00	1.00	1.00	0.78	1.00	1.00	1.00	0.69								
	ΔT	27	25	21	17	27	25	21	17	27	25	22	18	27	25	21	17	27	25	21	17	28	26	22	18	25	23	19	15	22	20	16	12								
	KW	1.42	1.42	1.42	1.4	1.58	1.58	1.58	1.59	1.77	1.77	1.76	1.8	1.97	1.97	1.96	1.98	2.19	2.19	2.19	2.2	2.45	2.45	2.45	2.46	2.73	2.73	2.73	2.74	2.99	2.99	2.99	3.0								
	Amps	5.3	5.3	5.3	5.4	6.1	6.1	6.1	6.1	6.9	6.9	6.9	7.0	7.8	7.8	7.8	7.9	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.1	11.2	11.2	11.2	11.3	12.5	12.5	12.5	12.6								
	HI PR	259	260	261	266	298	299	301	305	340	341	343	347	384	385	387	392	433	434	435	440	484	485	487	491	537	538	540	544	599	600	602	606								
	LO PR	126	128	131	136	134	135	138	143	140	142	145	150	145	147	150	155	151	152	155	160	157	159	162	167	165	166	168	172	175	176	178	182								

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																																							
		65							75							85							95							105							115				
85		ENTERING INDOOR WET BULB TEMPERATURE																																							
		59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171											
	MBh	25.1	25.4	26.1	27.2	24.9	25.2	25.9	27.0	24.2	24.6	25.3	26.4	23.1	23.5	24.2	25.3	21.8	22.2	22.9	24.0	20.6	20.9	21.7	22.8	17.8	18.2	19.0	20.1	16.7	17.1	17.9	19.0								
	S/T	1.00	0.89	0.76	0.63	1.00	0.90	0.77	0.63	1.00	1.00	0.79	0.66	1.00	1.00	0.81	0.68	1.00	1.00	1.00	0.87	1.00	1.00	1.00	0.78	1.00	1.00	1.00	0.74	1.00	1.00	1.00	0.65								
	ΔT	33	31	27	24	33	31	27	23	33	31	28	24	33	31	27	23	33	31	27	23	34	32	28	24	31	29	25	21	28	26	22	18								
	KW	1.41	1.41	1.40	1.42	1.57	1.57	1.57	1.58	1.76	1.76	1.75	1.76	1.96	1.96	1.95	1.96	2.18	2.18	2.18	2.19	2.44	2.44	2.43	2.45	2.72	2.72	2.72	2.73	2.99	2.99	2.99	3.0								
	Amps	5.3	5.3	5.3	5.3	6.0	6.0	6.0	6.1	6.9	6.9	6.8	6.9	7.8	7.8	7.8	7.8	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.0	11.2	11.2	11.2	11.3	12.5	12.5	12.5	12.6								
	HI PR	255	256	258	262	295	296	297	302	336	337	339	343	381	382	384	388	429	430	432	436	480	481	483	488	533	534	536	540	585	586	588	592								
	LO PR	123	125	128	133	131	132	135	140	137	139	142	147	142	144	147	152	148	149	152	157	154	156	159	164	161	162	164	168	171	172	174	178								
	MBh	25.5	25.9	26.6	27.7	25.3	25.6	26.4	27.5	24.7	25.0	25.7	26.8	23.6	23.9	24.7	25.8	22.3	22.6	23.3	24.4	21.0	21.4	22.1	23.2	18.4	18.8	19.6	20.7	17.3	17.7	18.5	19.6								
	S/T	1.00	0.93	0.80	0.66	1.00	0.93	0.80	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	1.00	0.87	1.00	1.00	1.00	0.78	1.00	1.00	1.00	0.74	1.00	1.00	1.00	0.69								
	ΔT	32	30	26	22	32	30	26	22	32	30	26	23	32	30	26	22	32	30	26	22	33	31	27	23	30	28	24	20	27	25	21	17								
	KW	1.42	1.42	1.41	1.42	1.58	1.58	1.58	1.59	1.76	1.76	1.76	1.77	1.96	1.96	1.96	1.97	2.19	2.18	2.18	2.19	2.45	2.44	2.44	2.45	2.73	2.73	2.73	2.74	2.99	2.99	2.99	3.0								
	Amps	5.3	5.3	5.3	5.3	6.1	6.1	6.0	6.1	6.9	6.9	6.9	6.9	7.8	7.8	7.8	7.9	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.1	11.2	11.2	11.2	11.3	12.5	12.5	12.5	12.6								
	HI PR	257	258	260	265	297	298	300	304	338	339	341	346	383	384	386	390	431	432	434	438	483	484	485	490	537	538	540	544	599	600	602	606								
	LO PR	126	127	130	135	133	134	137	143	139	141	144	149	145	146	149	154	150	151	154	160	157	158	161	166	163	164	166	170	173	174	176	180								
	MBh	26.1	26.4	27.1	28.2	25.9	26.2	26.9	28.0	25.2	25.6	26.3	27.4	24.1	24.5	25.2	26.3	22.8	23.1	23.9	25.0	21.6	21.9	22.7	23.8	18.8	19.2	20.0	21.1	17.7	18.1	18.9	20.0								
	S/T	1.00	0.93	0.81	0.67	1.00	1.00	0.81	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.85	0.72	1.00	1.00	1.00	0.87	1.00	1.00	1.00	0.79	1.00	1.00	1.00	0.74	1.00	1.00	1.00	0.69								
	ΔT	31	29	25	21	31	29	25	21	31	29	25	22	31	29	25	21	31	29	25	21	32	30	26	22	29	27	23	19	26	24	20	16								
	KW	1.42	1.42	1.42	1.43	1.59	1.59	1.58	1.60	1.77	1.77	1.77	1.78	1.97	1.97	1.97	1.98	2.19	2.19	2.19	2.20	2.45	2.45	2.45	2.46	2.73															

IDB		OUTDOOR AMBIENT TEMPERATURE																				115						
		65					75					85					95							105				
		AIRFLOW				ENTERING INDOOR WET BULB TEMPERATURE				ENTERING INDOOR WET BULB TEMPERATURE				ENTERING INDOOR WET BULB TEMPERATURE				ENTERING INDOOR WET BULB TEMPERATURE						ENTERING INDOOR WET BULB TEMPERATURE				
70	875	MBh	29.3	29.7	30.6	-	29.0	29.5	30.3	-	28.3	28.7	29.6	-	27.0	27.4	28.2	-	25.3	25.8	26.6	-	23.9	24.3	25.2	-		
		S/T	0.59	0.52	0.38	-	0.60	0.52	0.39	-	0.62	0.55	0.42	-	1.00	0.57	0.43	-	1.00	0.59	0.46	-	1.00	0.64	0.51	-		
		ΔT	20	18	15	-	20	18	14	-	20	18	15	-	20	18	14	-	19	18	14	-	21	19	15	-		
		KW	1.76	1.75	1.75	-	1.95	1.95	1.95	-	2.17	2.17	2.17	-	2.41	2.41	2.41	-	2.68	2.68	2.67	-	2.99	2.99	2.99	-		
		Amps	6.4	6.4	6.4	-	7.3	7.3	7.3	-	8.3	8.3	8.3	-	9.4	9.4	9.4	-	10.6	10.6	10.6	-	12.0	12.0	12.0	-		
	HI PR	250	251	252	-	289	290	292	-	330	331	333	-	375	376	377	-	422	424	425	-	474	475	476	-			
	LO PR	124	125	128	-	131	133	136	-	138	139	142	-	143	145	148	-	149	150	154	-	156	157	160	-			
	1000	MBh	29.7	30.1	31.0	-	29.4	29.8	30.7	-	28.7	29.1	29.9	-	27.3	27.8	28.6	-	25.7	26.1	27.0	-	24.3	24.7	25.6	-		
		S/T	0.65	0.58	0.44	-	0.66	0.58	0.45	-	0.68	0.61	0.47	-	1.00	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-		
		ΔT	19	17	13	-	19	17	13	-	19	17	14	-	19	17	13	-	18	17	13	-	20	18	14	-		
KW		1.77	1.77	1.76	-	1.96	1.96	1.96	-	2.18	2.18	2.18	-	2.42	2.42	2.42	-	2.69	2.69	2.68	-	3.00	3.00	3.00	-			
Amps		6.4	6.4	6.4	-	7.3	7.3	7.3	-	8.3	8.3	8.3	-	9.4	9.4	9.4	-	10.6	10.6	10.6	-	12.1	12.1	12.1	-			
HI PR	252	253	254	-	291	292	294	-	332	333	335	-	377	378	379	-	425	426	427	-	476	477	478	-				
LO PR	125	127	130	-	133	135	138	-	140	141	144	-	145	147	150	-	151	152	155	-	157	159	162	-				
1125	MBh	30.1	30.6	31.4	-	29.9	30.3	31.2	-	29.1	29.5	30.4	-	27.8	28.2	29.1	-	26.2	26.6	27.5	-	24.7	25.1	26.0	-			
	S/T	0.68	0.61	0.48	-	0.69	0.61	0.48	-	0.71	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.68	0.55	-	1.00	0.73	0.60	-			
	ΔT	18	16	13	-	18	16	12	-	18	16	13	-	18	16	12	-	17	16	12	-	19	17	13	-			
	KW	1.78	1.77	1.77	-	1.97	1.97	1.97	-	2.19	2.19	2.19	-	2.43	2.43	2.43	-	2.70	2.70	2.69	-	3.01	3.01	3.01	-			
	Amps	6.5	6.5	6.4	-	7.4	7.4	7.3	-	8.4	8.4	8.3	-	9.5	9.5	9.4	-	10.7	10.7	10.7	-	12.1	12.1	12.1	-			
HI PR	254	255	257	-	293	294	296	-	334	335	337	-	379	380	382	-	427	428	429	-	478	479	481	-				
LO PR	128	129	132	-	135	137	140	-	142	143	146	-	147	149	152	-	153	154	157	-	160	161	164	-				
75	875	MBh	29.3	29.7	30.6	31.9	29.1	29.5	30.3	31.7	28.3	28.7	29.6	30.9	27.0	27.4	28.3	29.6	25.4	25.8	26.7	28.0	23.9	24.3	25.2	26.5		
		S/T	0.72	0.64	0.51	0.37	0.72	0.65	0.52	0.38	1.00	0.67	0.54	0.40	1.00	0.69	0.56	0.42	1.00	0.71	0.58	0.44	1.00	1.00	0.63	0.49		
		ΔT	24	22	19	15	24	22	19	15	24	22	19	15	24	22	18	15	23	22	18	15	25	23	19	16		
		KW	1.76	1.75	1.75	1.77	1.95	1.95	1.95	1.96	2.17	2.17	2.17	2.18	2.41	2.41	2.41	2.42	2.68	2.68	2.67	2.69	2.99	2.99	2.99	3.00		
		Amps	6.4	6.4	6.3	6.4	7.3	7.3	7.2	7.3	8.3	8.3	8.3	8.3	9.4	9.4	9.3	9.4	10.6	10.6	10.6	10.6	12.0	12.0	12.0	12.1		
	HI PR	250	251	253	257	289	290	292	296	330	331	333	338	375	376	378	382	423	424	425	430	474	475	477	481			
	LO PR	124	125	128	134	131	133	136	141	138	139	142	148	143	145	148	153	149	150	154	159	156	157	160	166			
	1000	MBh	29.7	30.1	31.0	32.3	29.4	29.9	30.7	32.1	28.7	29.1	30.0	31.3	27.4	27.8	28.6	30.0	25.8	26.2	27.0	28.4	24.3	24.7	25.6	26.9		
		S/T	0.78	0.70	0.57	0.43	0.78	0.71	0.58	0.44	1.00	0.73	0.60	0.46	1.00	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	1.00	0.69	0.55		
		ΔT	23	21	17	14	23	21	17	14	23	21	18	14	23	21	17	14	22	21	17	14	24	22	18	15		
KW		1.77	1.76	1.76	1.78	1.96	1.96	1.96	1.97	2.18	2.18	2.18	2.19	2.42	2.42	2.42	2.43	2.69	2.69	2.68	2.70	3.00	3.00	3.00	3.01			
Amps		6.4	6.4	6.4	6.5	7.3	7.3	7.3	7.4	8.3	8.3	8.3	8.4	9.4	9.4	9.4	9.5	10.6	10.6	10.6	10.7	12.1	12.1	12.0	12.1			
HI PR	252	253	255	259	291	292	294	298	332	334	335	340	377	378	380	384	425	426	428	432	476	477	479	483				
LO PR	126	127	130	135	133	135	138	143	140	141	144	150	145	147	150	155	151	152	155	161	158	159	162	167				
1125	MBh	30.2	30.6	31.5	32.8	29.9	30.3	31.2	32.5	29.1	29.6	30.4	31.8	27.8	28.2	29.1	30.4	26.2	26.6	27.5	28.8	24.7	25.2	26.0	27.4			
	S/T	0.81	0.73	0.60	0.46	1.00	0.74	0.61	0.47	1.00	0.77	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.81	0.67	0.53	1.00	1.00	0.72	0.58			
	ΔT	22	20	17	13	22	20	16	13	22	20	17	13	22	20	16	13	21	20	16	13	23	21	17	14			
	KW	1.77	1.77	1.77	1.78	1.97	1.97	1.97	1.98	2.19	2.19	2.19	2.20	2.43	2.43	2.43	2.44	2.70	2.70	2.69	2.71	3.01	3.01	3.00	3.02			
	Amps	6.5	6.4	6.4	6.5	7.4	7.4	7.3	7.4	8.4	8.4	8.3	8.4	9.5	9.5	9.4	9.5	10.7	10.7	10.7	10.7	12.1	12.1	12.1	12.2			
HI PR	254	255	257	261	293	294	296	300	335	336	337	342	379	380	382	386	427	428	430	434	478	479	481	485				
LO PR	128	129	132	137	135	137	140	145	142	143	146	152	147	149	152	157	153	154	157	163	160	161	164	169				

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

Shaded area reflects ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service valves.

Table with columns: IDB, AIRFLOW, 65, 75, 85, 95, 105, 115. Rows are grouped by IDB (80, 85, 875, 1000, 1125) and contain various performance metrics like MBh, S/T, ΔT, KW, Amps, and HI/LO PR.

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

Shaded area reflects AHRI conditions

IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service valves.

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	
70	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	0.58	0.51	0.38	-	0.59	0.52	0.39	-	0.61	0.54	0.41	-	0.63	0.56	0.43	-	1.00	0.58	0.45	-	1.00	0.63	0.50	-
		ΔT	20	18	14	-	20	18	14	-	20	18	15	-	20	18	14	-	19	18	14	-	21	19	15	-
		KW	1.81	1.81	1.80	-	2.02	2.02	2.01	-	2.25	2.25	2.24	-	2.50	2.50	2.50	-	2.78	2.78	2.78	-	3.11	3.11	3.11	-
		Amps	6.6	6.6	6.6	-	7.6	7.6	7.5	-	8.6	8.6	8.6	-	9.8	9.8	9.8	-	11.1	11.1	11.0	-	12.6	12.6	12.6	-
	1000	HI PR	247	248	250	-	286	287	289	-	327	328	330	-	371	372	374	-	418	419	421	-	469	470	472	-
		LO PR	121	123	126	-	129	130	133	-	135	137	140	-	141	142	145	-	146	147	151	-	153	154	157	-
		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	0.64	0.57	0.44	-	0.65	0.57	0.44	-	0.67	0.60	0.47	-	0.69	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.69	0.56	-
		ΔT	19	17	13	-	19	17	13	-	19	17	14	-	19	17	13	-	18	16	13	-	19	18	14	-
1125	KW	1.82	1.82	1.81	-	2.03	2.03	2.02	-	2.26	2.26	2.25	-	2.51	2.51	2.51	-	2.79	2.79	2.79	-	3.12	3.12	3.12	-	
	Amps	6.7	6.7	6.6	-	7.6	7.6	7.6	-	8.7	8.7	8.7	-	9.8	9.8	9.8	-	11.1	11.1	11.1	-	12.6	12.6	12.6	-	
	HI PR	249	250	252	-	288	289	291	-	329	330	332	-	373	374	376	-	420	421	423	-	471	472	474	-	
	LO PR	123	125	128	-	130	132	135	-	137	138	141	-	142	144	147	-	148	149	152	-	154	156	159	-	
	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	-	
75	875	S/T	0.71	0.63	0.50	0.37	0.71	0.64	0.51	0.37	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	24	22	18	15	24	22	18	15	18	16	13	-	18	16	12	-	17	16	12	-	19	17	13	-
		KW	1.81	1.81	1.80	1.82	2.02	2.01	2.01	2.03	2.27	2.27	2.26	-	2.52	2.52	2.52	-	2.80	2.80	2.80	-	3.13	3.13	3.12	-
		Amps	6.6	6.6	6.6	6.7	7.6	7.6	7.5	7.6	8.7	8.7	8.7	-	9.9	9.9	9.9	-	11.2	11.2	11.1	-	12.7	12.7	12.6	-
		HI PR	247	248	250	254	286	287	289	293	327	328	330	334	371	372	374	378	419	420	421	426	469	470	472	476
	1000	LO PR	121	123	126	131	129	130	133	138	135	137	140	145	141	142	145	150	146	147	151	156	153	154	157	162
		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	25.6	26.0	26.9	28.2	24.1	24.5	25.4	26.7
		S/T	0.76	0.69	0.56	0.42	0.77	0.70	0.57	0.43	1.00	0.72	0.59	0.45	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	1.00	0.68	0.54
		ΔT	23	21	17	14	23	21	17	14	23	21	18	14	23	21	17	14	22	20	17	14	23	22	18	15
		KW	1.82	1.82	1.81	1.83	2.03	2.02	2.02	2.04	2.26	2.26	2.25	2.27	2.51	2.51	2.50	2.52	2.79	2.79	2.79	2.80	3.12	3.12	3.11	3.13
1125	Amps	6.7	6.7	6.6	6.7	7.6	7.6	7.6	7.7	8.7	8.7	8.7	8.7	9.8	9.8	9.8	9.9	11.1	11.1	11.1	11.2	12.6	12.6	12.6	12.7	
	HI PR	249	250	252	256	288	289	291	295	329	330	332	336	373	374	376	380	421	422	423	428	471	472	474	478	
	LO PR	123	125	128	133	130	132	135	140	137	138	141	147	142	144	147	152	148	149	152	157	154	156	159	164	
	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	26.0	26.4	27.3	28.6	24.6	25.0	25.9	27.2	
	S/T	0.80	0.72	0.59	0.46	0.80	0.73	0.60	0.46	1.00	0.75	0.62	0.49	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.53	1.00	1.00	0.71	0.58	

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)

EXPANDED COOLING DATA — GSX140301N\*+ CA\*FA3626\*6A\*+EEP (CONT.)

IDB	AIRFLOW	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	
80	875	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	0.83	0.75	0.62	0.5	1.00	0.76	0.63	0.49	1.00	0.80	0.67	0.54	1.00	0.80	0.67	0.54	1.00	1.00	0.69	0.6	1.00	1.00	0.74	0.61
		ΔT	28	26	23	19	28	26	22	19	28	26	22	19	28	26	22	19	27	26	22	19	29	27	23	20
		KW	1.81	1.81	1.80	1.8	2.02	2.02	2.01	2.03	2.25	2.25	2.24	2.3	2.50	2.50	2.49	2.51	2.78	2.78	2.78	2.8	3.11	3.11	3.10	3.12
		Amps	6.6	6.6	6.6	6.7	7.6	7.6	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	12.6
	1000	HI PR	248	249	251	255	287	288	290	294	328	329	330	335	372	373	374	379	419	420	422	426	470	471	472	477
		LO PR	124	123	126	132	129	131	134	139	136	137	140	145	141	143	146	151	146	148	151	156	153	155	158	163
		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	0.81	0.68	0.5	1.00	0.82	0.69	0.55	1.00	0.84	0.71	0.6	1.00	0.86	0.73	0.59	1.00	1.00	0.75	0.6	1.00	1.00	0.80	0.66
		ΔT	27	25	21	18	27	25	21	18	27	25	22	18	27	25	21	18	26	25	21	18	27	26	22	19
1125	KW	1.82	1.82	1.81	1.8	2.03	2.03	2.02	2.04	2.26	2.26	2.25	2.3	2.51	2.51	2.51	2.52	2.79	2.79	2.79	2.8	3.12	3.12	3.12	3.13	
	Amps	6.7	6.7	6.6	6.7	7.6	7.6	7.6	7.7	8.7	8.7	8.7	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	
	HI PR	250	251	253	257	289	290	292	296	330	331	332	337	374	375	376	381	421	422	424	428	472	473	474	479	
	LO PR	124	125	128	133	131	132	136	141	137	139	142	147	143	144	147	153	148	150	153	158	155	156	160	165	
	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	

IDB	AIRFLOW	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	
85	875	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	0.85	0.72	0.58	1.00	0.86	0.73	0.59	1.00	1.00	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	1.00	0.70
		ΔT	31	30	26	23	31	29	26	23	32	30	26	23	31	29	26	23	31	29	26	22	32	30	27	23
		KW	1.81	1.81	1.81	1.82	2.02	2.02	2.02	2.03	2.25	2.25	2.25	2.26	2.50	2.50	2.50	2.51	2.78	2.78	2.78	2.80	3.11	3.11	3.11	3.12
		Amps	6.6	6.6	6.6	6.7	7.6	7.6	7.6	7.6	8.7	8.6	8.6	8.7	9.8	9.8	9.8	9.9	11.1	11.1	11.1	11.1	12.6	12.6	12.6	12.6
	1000	HI PR	249	250	252	256	288	289	291	295	329	330	332	336	373	374	376	380	420	421	423	427	471	472	474	478
		LO PR	124	125	128	133	131	133	136	141	137	139	142	147	143	144	148	153	148	150	153	158	155	157	160	165
		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	0.91	0.78	0.64	1.00	0.92	0.78	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	1.00	0.76
		ΔT	30	28	25	21	30	28	25	21	30	29	25	22	30	28	25	21	30	28	25	21	31	29	26	22
1125	KW	1.82	1.82	1.82	1.83	2.03	2.03	2.03	2.04	2.26	2.26	2.26	2.27	2.51	2.51	2.51	2.53	2.80	2.79	2.79	2.81	3.12	3.12	3.12	3.14	
	Amps	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.7	8.7	8.7	8.7	8.8	9.9	9.8	9.8	9.9	11.1	11.1	11.1	11.2	12.6	12.6	12.6	12.7	
	HI PR	251	252	254	258	290	291	293	297	331	332	334	338	375	376	378	382	422	423	425	429	473	474	476	480	
	LO PR	125	127	130	135	133	134	137	143	139	141	144	149	145	146	149	154	150	152	155	160	157	158	161	167	
	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	

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		
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	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	-	23.7	24.1	25.0	-
	S/T	0.63	0.55	0.41	-	0.63	0.56	0.42	-	0.66	0.58	0.44	-	0.68	0.60	0.46	-	1.00	0.62	0.48	-	1.00	0.68	0.54	-	1.00	0.68	0.54	-
	ΔT	20	18	15	-	20	18	15	-	20	19	15	-	20	18	15	-	20	18	15	-	21	19	16	-	21	19	16	-
	KW	1.72	1.72	1.72	-	1.91	1.91	1.91	-	2.13	2.12	2.12	-	2.36	2.35	2.35	-	2.61	2.61	2.61	-	2.92	2.92	2.91	-	2.92	2.92	2.91	-
	Amps	6.2	6.2	6.2	-	7.1	7.1	7.1	-	8.1	8.0	8.0	-	9.1	9.1	9.1	-	10.3	10.3	10.3	-	11.7	11.7	11.7	-	11.7	11.7	11.7	-
	HI PR	244	245	247	-	282	283	285	-	323	324	325	-	366	367	369	-	413	414	416	-	463	464	466	-	463	464	466	-
	LO PR	123	124	127	-	130	132	135	-	137	138	141	-	142	144	147	-	148	149	152	-	154	156	159	-	154	156	159	-
	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	-	24.1	24.5	25.4	-
	S/T	0.69	0.61	0.47	-	0.70	0.62	0.48	-	0.72	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-	1.00	0.74	0.60	-
	ΔT	19	17	14	-	19	17	14	-	19	17	14	-	19	17	14	-	19	17	13	-	20	18	15	-	20	18	15	-
	KW	1.73	1.73	1.73	-	1.92	1.92	1.92	-	2.14	2.13	2.13	-	2.37	2.36	2.36	-	2.62	2.62	2.62	-	2.93	2.93	2.92	-	2.93	2.93	2.92	-
	Amps	6.2	6.2	6.2	-	7.1	7.1	7.1	-	8.1	8.1	8.1	-	9.2	9.2	9.1	-	10.3	10.3	10.3	-	11.7	11.7	11.7	-	11.7	11.7	11.7	-
	HI PR	246	247	249	-	284	286	287	-	325	326	328	-	368	369	371	-	415	416	418	-	465	466	468	-	465	466	468	-
	LO PR	124	126	129	-	132	133	136	-	138	140	143	-	144	145	149	-	149	151	154	-	156	158	161	-	156	158	161	-
	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	-	24.6	25.0	25.8	-
	S/T	0.73	0.65	0.51	-	0.73	0.65	0.51	-	0.76	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	0.78	0.63	-	1.00	0.78	0.63	-
	ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	12	-	19	17	14	-	19	17	14	-
	KW	1.74	1.74	1.73	-	1.93	1.93	1.92	-	2.14	2.14	2.14	-	2.37	2.37	2.37	-	2.63	2.63	2.63	-	2.94	2.93	2.93	-	2.94	2.93	2.93	-
	Amps	6.3	6.3	6.3	-	7.2	7.2	7.1	-	8.1	8.1	8.1	-	9.2	9.2	9.2	-	10.4	10.4	10.4	-	11.8	11.8	11.7	-	11.8	11.8	11.7	-
	HI PR	248	249	251	-	286	288	289	-	327	328	330	-	370	371	373	-	417	418	420	-	467	468	470	-	467	468	470	-
	LO PR	126	128	131	-	134	135	138	-	140	142	145	-	146	147	151	-	151	153	156	-	158	160	163	-	158	160	163	-

		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
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	25.2	25.6	26.5	27.8	23.7	24.1	25.0	26.3	23.7	24.1	25.0	26.3
	S/T	0.76	0.68	0.54	0.39	0.77	0.69	0.55	0.40	1.00	0.72	0.57	0.43	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.47	1.00	1.00	0.67	0.52	1.00	1.00	0.67	0.52
	ΔT	24	22	19	15	24	22	19	15	25	23	19	16	24	22	19	15	24	22	19	15	25	23	20	16	25	23	20	16
	KW	1.72	1.72	1.71	1.73	1.91	1.91	1.91	1.92	2.12	2.12	2.12	2.13	2.36	2.35	2.35	2.36	2.61	2.61	2.61	2.62	2.92	2.92	2.91	2.93	2.92	2.92	2.91	2.93
	Amps	6.2	6.2	6.2	6.2	7.1	7.1	7.1	7.1	8.0	8.0	8.0	8.1	9.1	9.1	9.1	9.2	10.3	10.3	10.3	10.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
	HI PR	244	245	247	251	283	284	285	290	323	324	326	330	366	367	369	373	413	414	416	420	463	464	466	470	463	464	466	470
	LO PR	123	124	127	132	130	132	135	140	137	138	141	146	142	144	147	152	148	149	152	157	154	156	159	164	154	156	159	164
	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	25.6	26.0	26.9	28.2	24.1	24.5	25.4	26.7	24.1	24.5	25.4	26.7
	S/T	0.82	0.75	0.60	0.46	0.83	0.75	0.61	0.46	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.53	1.00	1.00	0.73	0.59	1.00	1.00	0.73	0.59
	ΔT	23	21	18	14	23	21	18	14	23	22	18	14	23	21	18	14	23	21	18	14	24	22	19	15	24	22	19	15
	KW	1.73	1.73	1.72	1.74	1.92	1.92	1.92	1.93	2.13	2.13	2.13	2.14	2.37	2.36	2.36	2.37	2.62	2.62	2.62	2.63	2.93	2.92	2.92	2.94	2.93	2.92	2.92	2.94
	Amps	6.2	6.2	6.2	6.3	7.1	7.1	7.1	7.2	8.1	8.1	8.1	8.1	9.2	9.1	9.1	9.2	10.3	10.3	10.3	10.4	11.7	11.7	11.7	11.8	11.7	11.7	11.7	11.8
	HI PR	246	247	249	253	285	286	287	292	325	326	328	332	368	369	371	375	415	416	418	422	465	466	468	472	465	466	468	472
	LO PR	124	126	129	134	132	133	137	142	138	140	143	148	144	145	149	154	149	151	154	159	156	158	161	166	156	158	161	166
	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	26.0	26.4	27.3	28.6	24.6	25.0	25.9	27.2	24.6	25.0	25.9	27.2
	S/T	0.86	0.78	0.64	0.49	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	0.86	0.72	0.57	1.00	1.00	0.77	0.62	1.00	1.00	0.77	0.62
	ΔT	22	20	17	13	22	20	17	13	22	21	17	13	22	20	17	13	22	20	17	13	23	21	18	14	23	21	18	14
	KW	1.74	1.74	1.73	1.75	1.93	1.93	1.92	1.94	2.14	2.14	2.14	2.15	2.37	2.37	2.37	2.38	2.63	2.63	2.63	2.64	2.93	2.93	2.93	2.94	2.93	2.93	2.93	2.94
	Amps	6.3	6.3	6.3	6.3	7.2	7.1	7.1	7.2	8.1	8.1	8.1	8.2	9.2	9.2	9.2	9.2	10.4	10.4	10.4	10.4	11.8	11.8	11.7	11.8	11.8	11.8	11.7	11.8
	HI PR	248	249	251	255	287	288	289	294	327	328	330	334	370	371	373	377	417	418	420	424	467	468	470	474	467	468	470	474
	LO PR	126	128	131	136	134	135	139	144	140	142	145	150	146	147	151	156	151	153	156	161	158	160	163	168	158	160	163	168

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)

EXPANDED COOLING DATA — GSX140311\*\* + CA\*F3137\*6\*\* + EEP (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																													
		65					75					85					95					105					115				
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	85	59	63	67	71	95	59	63	67	71	105	59	63	67	71	115
<b>80</b>	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	0.81	0.67	0.5	1.00	0.82	0.68	0.53	1.00	0.85	0.70	0.6	1.00	0.87	0.73	0.58	1.00	1.00	1.00	0.75	0.6	1.00	1.00	0.80	0.65					
	ΔT	28	27	23	19	28	27	23	19	29	27	23	20	28	27	23	19	28	26	23	19	29	27	24	20						
	KW	1.72	1.72	1.72	1.7	1.91	1.91	1.91	1.92	2.12	2.12	2.12	2.1	2.36	2.35	2.35	2.37	2.61	2.61	2.61	2.61	2.92	2.92	2.91	2.93						
	Amps	6.2	6.2	6.2	6.2	7.1	7.1	7.1	7.1	8.1	8.0	8.0	8.1	9.1	9.1	9.1	9.1	10.3	10.3	10.3	10.3	11.7	11.7	11.7	11.7						
	HI PR	245	246	247	252	283	284	286	290	323	324	326	330	367	368	370	374	414	415	416	421	464	465	466	471						
LO PR	123	125	128	133	131	132	135	140	137	139	142	147	143	144	147	153	148	150	153	158	155	156	160	165							
<b>875</b>	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	<b>28.6</b>	29.9	25.7	26.1	27.0	28.3	24.3	24.7	25.5	26.9						
	S/T	1.00	0.88	0.73	0.6	1.00	0.88	0.74	0.59	1.00	0.91	0.77	0.6	1.00	1.00	<b>0.79</b>	0.64	1.00	1.00	0.81	0.7	1.00	1.00	0.86	0.72						
	ΔT	27	25	22	18	27	25	22	18	28	26	22	19	27	25	<b>22</b>	18	27	25	22	18	28	26	23	19						
	KW	1.73	1.73	1.72	1.7	1.92	1.92	1.92	1.93	2.13	2.13	2.13	2.1	2.37	2.36	<b>2.36</b>	2.38	2.62	2.62	2.62	2.62	2.93	2.93	2.92	2.94						
	Amps	6.2	6.2	6.2	6.3	7.1	7.1	7.1	7.2	8.1	8.1	8.1	8.1	9.2	9.2	<b>9.1</b>	9.2	10.3	10.3	10.3	10.4	11.7	11.7	11.7	11.8						
	HI PR	247	248	249	254	285	286	288	292	325	326	328	332	369	370	<b>372</b>	376	416	417	418	423	466	467	468	473						
LO PR	125	126	130	135	132	134	137	142	139	140	144	149	144	146	<b>149</b>	154	150	151	155	160	157	158	161	167							
<b>1125</b>	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	0.91	0.77	0.6	1.00	0.92	0.78	0.63	1.00	0.94	0.80	0.7	1.00	1.00	0.82	0.67	1.00	1.00	0.85	0.7	1.00	1.00	0.90	0.75						
	ΔT	26	25	21	17	26	24	21	17	27	25	21	18	26	24	21	17	26	24	21	17	27	25	22	18						
	KW	1.74	1.74	1.73	1.8	1.93	1.93	1.92	1.94	2.14	2.14	2.14	2.2	2.37	2.37	<b>2.37</b>	2.38	2.63	2.63	2.63	2.63	2.94	2.93	2.93	2.95						
	Amps	6.3	6.3	6.3	6.3	7.2	7.2	7.1	7.2	8.1	8.1	8.1	8.2	9.2	9.2	<b>9.2</b>	9.2	10.4	10.4	10.4	10.4	11.8	11.8	11.7	11.8						
	HI PR	249	250	251	256	287	288	290	294	327	328	330	334	371	372	<b>374</b>	378	418	419	420	425	468	469	470	475						
LO PR	127	128	132	137	134	136	139	144	141	142	146	151	146	148	<b>151</b>	156	152	153	157	162	159	160	163	169							

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																													
		65					75					85					95					105					115				
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	85	59	63	67	71	95	59	63	67	71	105	59	63	67	71	115
<b>80</b>	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	<b>28.6</b>	29.9	25.7	26.1	27.0	28.3	24.3	24.7	25.5	26.9						
	S/T	1.00	0.88	0.73	0.6	1.00	0.88	0.74	0.59	1.00	0.91	0.77	0.6	1.00	1.00	<b>0.79</b>	0.64	1.00	1.00	0.81	0.7	1.00	1.00	0.86	0.72						
	ΔT	27	25	22	18	27	25	22	18	28	26	22	19	27	25	<b>22</b>	18	27	25	22	18	28	26	23	19						
	KW	1.73	1.73	1.72	1.7	1.92	1.92	1.92	1.93	2.13	2.13	2.13	2.1	2.37	2.36	<b>2.36</b>	2.38	2.62	2.62	2.62	2.62	2.93	2.93	2.92	2.94						
	Amps	6.2	6.2	6.2	6.3	7.1	7.1	7.1	7.2	8.1	8.1	8.1	8.1	9.2	9.2	<b>9.1</b>	9.2	10.3	10.3	10.3	10.4	11.7	11.7	11.7	11.8						
	HI PR	247	248	249	254	285	286	288	292	325	326	328	332	369	370	<b>372</b>	376	416	417	418	423	466	467	468	473						
LO PR	125	126	130	135	132	134	137	142	139	140	144	149	144	146	<b>149</b>	154	150	151	155	160	157	158	161	167							
<b>875</b>	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	0.92	0.78	0.63	1.00	0.92	0.78	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.70	1.00	1.00	1.00	0.76						
	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	1.72	1.72	1.72	1.73	1.91	1.91	1.91	1.92	2.13	2.13	2.12	2.14	2.36	2.36	<b>2.36</b>	2.37	2.62	2.62	2.61	2.63	2.92	2.92	2.92	2.93						
	Amps	6.2	6.2	6.2	6.3	7.1	7.1	7.1	7.1	8.1	8.1	8.0	8.1	9.1	9.1	<b>9.1</b>	9.1	10.3	10.3	10.3	10.4	11.7	11.7	11.7	11.8						
	HI PR	246	247	248	253	284	285	287	291	325	326	327	332	368	369	<b>371</b>	375	415	416	417	422	465	466	467	472						
LO PR	125	127	130	135	132	134	137	142	139	141	144	149	145	146	<b>149</b>	154	150	151	155	160	157	158	161	167							
<b>1000</b>	MBh	30.1	30.5	31.4	32.7	29.8	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	0.98	0.84	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.87	0.72	1.00	1.00	0.89	0.74	1.00	1.00	0.92	0.77	1.00	1.00	1.00	0.82						
	ΔT	31	29	26	22	31	29	26	22	31	29	26	22	31	29	26	22	31	29	25	22	32	30	26	23						
	KW	1.73	1.73	1.73	1.74	1.92	1.92	1.92	1.93	2.14	2.14	2.13	2.15	2.37	2.37	<b>2.36</b>	2.38	2.63	2.63	2.62	2.64	2.93	2.93	2.93	2.94						
	Amps	6.3	6.3	6.2	6.3	7.1	7.1	7.1	7.2	8.1	8.1	8.1	8.2	9.2	9.2	<b>9.2</b>	9.2	10.4	10.4	10.3	10.4	11.7	11.7	11.7	11.8						
	HI PR	248	249	251	255	286	287	289	293	327	328	329	334	370	371	<b>373</b>	377	417	418	420	424	467	468	470	474						
LO PR	127	128	131	137	134	136	139	144	141	142	145	151	146	148	<b>151</b>	156	152	153	156	162	159	160	163	168							
<b>1125</b>	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	1.00	0.87	0.73	1.00	1.00	0.88	0.73	1.00	1.00	0.91	0.76	1.00	1.00	0.93	0.78	1.00	1.00	1.00	0.80	1.00	1.00	1.00	0.86						
	ΔT	30	28	25	21	30	28	25	21	30	28	25	21	30	28	25	21	30	28	24	21	31	29	26	22						
	KW	1.74	1.74	1.74	1.75	1.93	1.93	1.93	1.94	2.15	2.15	2.14	2.16	2.38	2.38	<b>2.37</b>	2.39	2.64	2.63	2.63	2.65	2.94	2.94	2.93	2.95						
	Amps	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	<b>9.2</b>	9.3	10.4	10.4	10.4	10.4	11.8	11.8	11.8	11.8						
	HI PR	250	251	253	257	288	289	291	295	329	330	331	336	372	373	<b>375</b>	379	419	420	422	426	469	470	472	476						
LO PR	129	130	133	139	136	138	141	146	143	144	147	153	148	150	<b>153</b>	158	154	155	158	164	161	162	165	170							

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												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
70	MBh	34.8	35.3	36.3	-	34.5	35.0	36.0	-	33.6	34.1	35.1	-	32.0	32.5	33.5	-	30.1	30.6	31.6	-	28.4	28.8	29.9	-
	S/T	0.59	0.52	0.38	-	0.60	0.52	0.39	-	0.62	0.55	0.42	-	0.64	0.57	0.43	-	1.00	0.59	0.46	-	1.00	0.64	0.51	-
	ΔT	19	17	14	-	19	17	14	-	19	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-
	KW	2.09	2.09	2.09	-	2.32	2.32	2.32	-	2.58	2.58	2.58	-	2.87	2.86	2.86	-	3.18	3.18	3.17	-	3.55	3.55	3.54	-
	Amps	7.6	7.6	7.5	-	8.6	8.6	8.6	-	9.8	9.8	9.8	-	11.1	11.1	11.1	-	12.5	12.5	12.5	-	14.2	14.2	14.2	-
	HI PR	254	255	257	-	294	295	297	-	336	337	339	-	381	382	384	-	430	431	433	-	482	483	485	-
LO PR	121	123	126	-	129	130	133	-	135	137	140	-	141	142	145	-	146	147	151	-	153	154	157	-	
70	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	0.65	0.58	0.44	-	0.66	0.58	0.45	-	0.68	0.61	0.47	-	0.70	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-
	ΔT	18	16	13	-	18	16	13	-	18	17	13	-	18	16	13	-	18	16	13	-	19	17	14	-
	KW	2.10	2.10	2.10	-	2.34	2.33	2.33	-	2.60	2.59	2.59	-	2.88	2.88	2.87	-	3.19	3.19	3.19	-	3.56	3.56	3.55	-
	Amps	7.6	7.6	7.6	-	8.7	8.7	8.7	-	9.9	9.9	9.9	-	11.2	11.2	11.1	-	12.6	12.6	12.6	-	14.3	14.3	14.3	-
	HI PR	256	257	259	-	296	297	299	-	338	339	341	-	384	385	386	-	432	433	435	-	484	485	487	-
LO PR	123	125	128	-	130	132	135	-	137	138	141	-	142	144	147	-	148	149	152	-	154	156	159	-	
1350	MBh	35.8	36.3	37.3	-	35.5	36.0	37.0	-	34.6	35.1	36.1	-	33.0	33.5	34.5	-	31.1	31.6	32.6	-	29.4	29.9	30.9	-
	S/T	0.68	0.61	0.48	-	0.69	0.61	0.48	-	0.71	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.68	0.55	-	1.00	0.73	0.60	-
	ΔT	17	15	12	-	17	15	12	-	17	16	12	-	17	15	12	-	17	15	12	-	18	16	13	-
	KW	2.11	2.11	2.11	-	2.35	2.34	2.34	-	2.61	2.60	2.60	-	2.89	2.89	2.88	-	3.20	3.20	3.20	-	3.57	3.57	3.56	-
	Amps	7.7	7.7	7.6	-	8.7	8.7	8.7	-	9.9	9.9	9.9	-	11.2	11.2	11.2	-	12.7	12.6	12.6	-	14.3	14.3	14.3	-
	HI PR	258	259	261	-	298	300	301	-	340	342	343	-	386	387	389	-	434	435	437	-	486	488	489	-
LO PR	125	127	130	-	132	134	137	-	139	140	143	-	144	146	149	-	150	151	154	-	156	158	161	-	
75	MBh	34.8	35.3	36.3	37.9	34.5	35.0	36.0	37.6	33.6	34.1	35.1	36.7	32.0	32.5	33.6	35.2	30.1	30.6	31.7	33.2	28.4	28.9	29.9	31.5
	S/T	0.72	0.64	0.51	0.37	0.72	0.65	0.52	0.38	1.00	0.67	0.54	0.40	1.00	0.69	0.56	0.42	1.00	0.71	0.58	0.44	1.00	0.76	0.63	0.49
	ΔT	23	21	18	15	23	21	18	15	23	22	18	15	23	21	18	15	23	21	18	14	24	22	19	15
	KW	2.09	2.09	2.08	2.10	2.32	2.32	2.32	2.33	2.58	2.58	2.58	2.59	2.86	2.86	2.86	2.88	3.18	3.18	3.17	3.19	3.55	3.54	3.54	3.56
	Amps	7.6	7.6	7.5	8.0	8.6	8.6	8.6	8.7	9.8	9.8	9.8	10.0	11.1	11.1	11.1	11.2	12.5	12.5	12.5	13.0	14.2	14.2	14.2	14.3
	HI PR	254	255	257	262	294	295	297	302	336	337	339	344	382	383	384	389	430	431	433	438	482	484	485	490
LO PR	121	123	126	131	129	130	133	138	135	137	140	145	141	142	145	150	146	147	151	156	152	154	157	162	
75	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	0.78	0.70	0.57	0.43	0.78	0.71	0.58	0.44	1.00	0.73	0.60	0.46	1.00	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	1.00	0.69	0.55
	ΔT	22	20	17	14	22	20	17	13	22	20	17	14	22	20	17	13	22	20	17	13	23	21	18	14
	KW	2.10	2.10	2.10	2.11	2.33	2.33	2.33	2.35	2.59	2.59	2.59	2.61	2.88	2.87	2.87	2.89	3.19	3.19	3.18	3.20	3.56	3.56	3.55	3.57
	Amps	7.6	7.6	7.6	8.0	8.7	8.7	8.7	9.0	9.9	9.9	9.8	10.0	11.2	11.1	11.1	11.0	12.6	12.6	12.6	13.0	14.3	14.3	14.3	14.0
	HI PR	256	258	259	264	297	298	299	304	339	340	341	346	384	385	387	391	433	434	435	440	485	486	487	492
LO PR	123	125	128	133	130	132	135	140	137	138	141	147	142	144	147	152	148	149	152	157	154	156	159	164	
1350	MBh	35.8	36.3	37.4	38.9	35.5	36.0	37.0	38.6	34.6	35.1	36.1	37.7	33.0	33.5	34.6	36.2	31.1	31.6	32.7	34.2	29.4	29.9	30.9	32.5
	S/T	0.81	0.73	0.60	0.46	0.82	0.74	0.61	0.47	1.00	0.77	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.81	0.67	0.53	1.00	1.00	0.72	0.58
	ΔT	21	19	16	13	21	19	16	13	21	20	16	13	21	19	16	13	21	19	16	12	22	20	17	13
	KW	2.11	2.11	2.11	2.12	2.34	2.34	2.34	2.36	2.60	2.60	2.60	2.62	2.89	2.88	2.88	2.90	3.20	3.20	3.19	3.21	3.57	3.57	3.56	3.58
	Amps	7.7	7.7	7.6	8.0	8.7	8.7	8.7	9.0	9.9	9.9	9.9	10.0	11.2	11.2	11.2	11.0	12.6	12.6	12.6	13.0	14.3	14.3	14.3	14.0
	HI PR	259	260	261	266	299	300	302	306	341	342	344	348	386	387	389	393	435	436	438	442	487	488	490	494
LO PR	125	127	130	135	132	134	137	142	139	140	143	149	144	146	149	154	150	151	154	159	156	158	161	166	

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																													
		75						85						95						105						115					
		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					
<b>80</b>	MBh	35.0	35.5	36.5	38.1	34.7	35.2	36.2	37.8	33.8	34.3	35.3	36.9	32.2	32.7	33.7	35.3	30.3	30.8	31.8	33.4	28.6	29.0	30.1	31.7						
	S/T	0.84	0.77	0.63	0.5	1.00	0.77	0.64	0.50	1.00	0.80	0.66	0.5	1.00	0.82	0.68	0.54	1.00	1.00	1.00	0.70	1.00	1.00	0.75	0.61						
	ΔT	27	25	22	19	27	25	22	18	27	25	22	19	27	25	22	18	27	25	22	18	28	26	23	19						
	KW	2.09	2.09	2.09	2.1	2.32	2.32	2.32	2.34	2.58	2.58	2.58	2.6	2.86	2.86	2.86	2.88	3.18	3.18	3.18	3.17	3.2	3.55	3.55	3.54	3.56					
	Amps	7.6	7.6	7.5	8.0	8.6	8.6	8.6	9.0	9.8	9.8	9.8	10.0	11.1	11.1	11.1	11.0	12.5	12.5	12.5	13.0	14.2	14.2	14.2	14.0						
	HI PR	255	256	258	262	295	296	298	302	337	338	340	344	382	383	385	389	431	431	432	434	438	483	484	486	490					
	LO PR	122	123	126	132	129	131	134	139	136	137	140	145	141	143	146	151	146	148	148	151	156	153	155	158	163					
		MBh	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	<b>34.2</b>	35.8	30.8	31.2	32.3	33.9	29.0	29.5	30.5	32.1					
	S/T	1.00	0.82	0.69	0.6	1.00	0.83	0.70	0.56	1.00	0.85	0.72	0.6	1.00	0.87	<b>0.74</b>	0.60	1.00	1.00	0.76	0.6	1.00	1.00	0.81	0.67						
	ΔT	26	24	21	17	26	24	21	17	26	24	21	18	26	24	<b>21</b>	17	26	24	21	17	27	25	22	18						
	KW	2.10	2.10	2.10	2.1	2.34	2.33	2.33	2.35	2.60	2.59	2.59	2.6	2.88	2.87	<b>2.87</b>	2.89	3.19	3.19	3.19	3.2	3.56	3.56	3.55	3.57						
	Amps	7.6	7.6	7.6	8.0	8.7	8.7	8.7	9.0	9.9	9.9	9.9	10.0	11.2	11.2	<b>11.1</b>	11.0	12.6	12.6	12.6	13.0	14.3	14.3	14.3	14.0						
	HI PR	257	258	260	264	297	298	300	304	339	340	342	346	384	385	<b>387</b>	392	433	434	436	440	485	486	488	492						
	LO PR	124	125	128	133	131	132	136	141	137	139	142	147	143	144	<b>147</b>	153	148	150	153	158	155	156	160	165						
	MBh	36.0	36.5	37.5	39.1	35.7	36.2	37.2	38.8	34.8	35.3	36.3	37.9	33.2	33.7	34.7	36.3	31.3	31.8	32.8	34.4	29.6	30.1	31.1	32.7						
	S/T	1.00	0.86	0.72	0.6	1.00	0.86	0.73	0.59	1.00	0.89	0.76	0.6	1.00	1.00	0.77	0.63	1.00	1.00	0.80	0.7	1.00	1.00	0.85	0.71						
	ΔT	25	23	20	17	25	23	20	17	25	24	20	17	25	23	20	16	25	23	20	16	26	24	21	17						
	KW	2.11	2.11	2.11	2.1	2.35	2.34	2.34	2.36	2.61	2.60	2.60	2.6	2.89	2.89	2.88	2.90	3.20	3.20	3.20	3.2	3.57	3.57	3.56	4.00						
	Amps	7.7	7.7	7.6	8.0	9.0	8.7	8.7	9.0	9.9	9.9	9.9	10.0	11.2	11.2	11.0	11.0	12.7	12.6	12.6	13.0	14.3	14.3	14.3	14.0						
	HI PR	259	260	262	266	299	300	302	306	341	342	344	348	386	387	389	394	435	436	438	442	487	488	490	494						
	LO PR	126	127	130	135	133	134	138	143	139	141	144	149	145	146	149	155	150	152	155	160	157	158	162	167						

IDB	OUTDOOR AMBIENT TEMPERATURE																													
	75						85						95						105						115					
	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					
<b>85</b>	MBh	35.6	36.1	37.1	38.7	35.3	35.8	36.8	38.4	34.4	34.9	35.9	37.5	32.8	33.3	34.3	35.9	30.9	31.4	32.4	34.0	29.1	29.6	30.7	32.3					
	S/T	1.00	0.86	0.73	0.59	1.00	0.87	0.74	0.60	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	1.00	0.71					
	ΔT	31	29	25	22	30	29	25	22	31	29	26	22	30	29	25	22	30	28	25	22	31	30	26	23					
	KW	2.10	2.09	2.09	2.11	2.33	2.33	2.32	2.34	2.59	2.59	2.58	2.60	2.87	2.87	2.86	2.88	3.18	3.18	3.18	3.20	3.55	3.55	3.55	3.56					
	Amps	7.6	7.6	7.6	8.0	8.7	8.6	8.6	9.0	9.8	9.8	9.8	10.0	11.1	11.1	11.1	11.0	12.6	12.6	12.5	13.0	14.3	14.2	14.2	14.0					
	HI PR	256	257	259	263	296	297	299	303	338	339	341	345	383	384	386	391	432	433	435	439	484	485	487	491					
	LO PR	124	125	128	133	131	133	136	141	137	139	142	147	143	144	148	153	148	150	153	158	155	157	160	165					
		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	0.92	0.79	0.65	1.00	0.93	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	1.00	0.77					
	ΔT	29	28	24	21	29	28	24	21	30	28	25	21	29	28	24	21	29	27	24	21	30	28	25	22					
	KW	2.11	2.11	2.10	2.12	2.34	2.34	2.33	2.35	2.60	2.60	2.59	2.61	2.88	2.88	2.88	2.89	3.20	3.19	3.19	3.21	3.56	3.56	3.56	3.58					
	Amps	7.6	7.6	7.6	8.0	8.7	8.7	8.7	9.0	9.9	9.9	9.9	10.0	11.2	11.2	11.0	11.0	12.6	12.6	12.6	13.0	14.3	14.3	14.3	14.0					
	HI PR	258	259	261	265	298	299	301	306	340	341	343	348	385	387	388	393	434	435	437	442	486	487	489	494					
	LO PR	125	127	130	135	133	134	137	143	139	141	144	149	145	146	149	154	150	152	155	160	157	158	161	167					
	MBh	36.6	37.1	38.1	39.7	36.3	36.8	37.8	39.4	35.4	35.9	36.9	38.5	33.8	34.3	35.3	36.9	31.9	32.4	33.4	35.0	30.1	30.6	31.7	33.3					
	S/T	1.00	0.96	0.82	0.68	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.76	1.00	1.00	1.00	0.81					
	ΔT	29	27	23	20	29	27	23	20	29	27	24	20	28	27	23	20	28	26	23	20	29	28	24	21					
	KW	2.12	2.12	2.11	2.13	2.35	2.35	2.34	2.36	2.61	2.61	2.60	2.62	2.89	2.89	2.89	2.90	3.21	3.20	3.20	3.22	3.57	3.57	3.57	3.59					
	Amps	7.7	7.7	7.7	8.0	8.8	8.7	8.7	9.0	9.9	9.9	9.9	10.0	11.2	11.2	11.0	11.0	12.7	12.7	12.7	13.0	14.4	14.3	14.3	14.0					
	HI PR	260	261	263	268	300	301	303	308	342	343	345	350	388	389	390	395	436	437	439	444	488	489	491	496					
	LO PR	127	129	132	137	135	136	139	145	141	143	146	151	147	148	151	156	152	154	157	162	159	160	163	169					

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																95																105																115																					
		85								75								65								85								75								65								85								75								65					
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	59	63	67	71	59	63	67	71																														
<b>70</b>	MBh	35.0	35.5	36.6	-	34.7	35.2	36.3	-	33.8	34.3	35.4	-	32.3	32.8	33.8	-	30.4	30.9	31.9	-	28.6	29.1	30.2	-	30.4	30.9	31.9	-	28.6	29.1	30.2	-	30.4	30.9	31.9	-	28.6	29.1	30.2	-																														
	S/T	0.66	0.59	0.45	-	0.67	0.59	0.46	-	0.70	0.62	0.48	-	0.71	0.64	0.50	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-																														
	ΔT	20	18	14	-	20	18	14	-	20	18	14	-	19	18	14	-	19	17	13	-	20	19	15	-	19	17	13	-	20	19	15	-	19	17	13	-	20	19	15	-																														
	KW	2.03	2.03	2.02	-	2.26	2.26	2.26	-	2.53	2.53	2.52	-	2.81	2.81	2.81	-	3.13	3.13	3.13	-	3.51	3.50	3.50	-	3.13	3.13	3.13	-	3.51	3.50	3.50	-	3.13	3.13	3.13	-	3.51	3.50	3.50	-																														
	Amps	7.4	7.4	7.4	-	8.5	8.5	8.5	-	9.7	9.7	9.7	-	11.0	11.0	11.0	-	12.5	12.5	12.5	-	14.2	14.2	14.2	-	12.5	12.5	12.5	-	14.2	14.2	14.2	-	12.5	12.5	12.5	-	14.2	14.2	14.2	-																														
	HI PR	255	256	258	-	295	296	298	-	337	338	340	-	382	383	385	-	430	431	433	-	482	483	485	-	430	431	433	-	482	483	485	-	430	431	433	-	482	483	485	-																														
	LO PR	122	123	126	-	129	130	134	-	135	137	140	-	141	142	145	-	146	148	151	-	153	154	157	-	146	148	151	-	153	154	157	-	146	148	151	-	153	154	157	-																														
	MBh	35.4	35.9	37.0	-	35.1	35.6	36.6	-	34.2	34.7	35.7	-	32.7	33.2	34.2	-	30.8	31.3	32.3	-	29.0	29.5	30.6	-	30.8	31.3	32.3	-	29.0	29.5	30.6	-	30.8	31.3	32.3	-	29.0	29.5	30.6	-																														
	S/T	0.69	0.62	0.48	-	0.70	0.62	0.49	-	0.72	0.65	0.51	-	0.74	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-																														
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	20	18	14	-	19	17	13	-	20	18	14	-	19	17	13	-	20	18	14	-																														
KW	2.04	2.03	2.03	-	2.27	2.27	2.27	-	2.54	2.53	2.53	-	2.82	2.82	2.82	-	3.14	3.14	3.13	-	3.51	3.51	3.51	-	3.14	3.14	3.13	-	3.51	3.51	3.51	-	3.14	3.14	3.13	-	3.51	3.51	3.51	-																															
Amps	7.5	7.5	7.5	-	8.6	8.6	8.5	-	9.8	9.8	9.7	-	11.1	11.1	11.0	-	12.5	12.5	12.5	-	14.2	14.2	14.2	-	12.5	12.5	12.5	-	14.2	14.2	14.2	-	12.5	12.5	12.5	-	14.2	14.2	14.2	-																															
HI PR	257	258	259	-	296	298	299	-	338	339	341	-	383	384	386	-	432	433	435	-	484	485	486	-	432	433	435	-	484	485	486	-	432	433	435	-	484	485	486	-																															
LO PR	123	125	128	-	130	132	135	-	137	138	141	-	142	144	147	-	147	149	152	-	154	156	159	-	147	149	152	-	154	156	159	-	147	149	152	-	154	156	159	-																															
MBh	36.1	36.6	37.6	-	35.8	36.3	37.3	-	34.9	35.4	36.4	-	33.4	33.8	34.9	-	31.5	31.9	33.0	-	29.7	30.2	31.2	-	31.5	31.9	33.0	-	29.7	30.2	31.2	-	31.5	31.9	33.0	-	29.7	30.2	31.2	-																															
S/T	0.71	0.63	0.50	-	0.71	0.64	0.50	-	0.74	0.66	0.53	-	0.76	0.68	0.55	-	1.00	0.71	0.57	-	1.00	0.76	0.62	-	1.00	0.68	0.55	-	1.00	0.76	0.62	-	1.00	0.71	0.57	-	1.00	0.76	0.62	-																															
ΔT	18	16	12	-	18	16	12	-	18	16	13	-	18	16	12	-	18	16	12	-	19	17	13	-	18	16	12	-	19	17	13	-	18	16	12	-	19	17	13	-																															
KW	2.05	2.04	2.04	-	2.28	2.28	2.28	-	2.55	2.54	2.54	-	2.83	2.83	2.83	-	3.15	3.15	3.14	-	3.52	3.52	3.52	-	3.15	3.15	3.14	-	3.52	3.52	3.52	-	3.15	3.15	3.14	-	3.52	3.52	3.52	-																															
Amps	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	-	14.3	14.3	14.3	-	12.6	12.6	12.6	-	14.3	14.3	14.3	-	12.6	12.6	12.6	-	14.3	14.3	14.3	-																															
HI PR	259	260	262	-	299	300	302	-	341	342	343	-	386	387	388	-	434	435	437	-	486	487	489	-	434	435	437	-	486	487	489	-	434	435	437	-	486	487	489	-																															
LO PR	125	127	130	-	133	134	137	-	139	141	144	-	145	146	149	-	150	151	154	-	156	158	161	-	150	151	154	-	156	158	161	-	150	151	154	-	156	158	161	-																															
<b>75</b>	MBh	35.1	35.6	36.6	38.2	34.8	35.2	36.3	37.9	33.9	34.3	35.4	37.0	32.3	<b>32.8</b>	33.8	35.4	30.4	30.9	31.9	33.5	28.7	29.2	30.2	31.8	30.4	30.9	31.9	33.5	29.1	29.5	30.6	32.2	30.8	31.3	32.3	33.9	29.1	29.5	30.6	32.2																														
	S/T	0.82	0.74	0.61	0.47	0.83	0.75	0.61	0.47	1.00	0.77	0.64	0.50	1.00	<b>0.77</b>	0.63	0.49	1.00	0.79	0.65	0.51	1.00	0.84	0.71	0.56	1.00	0.79	0.65	0.51	1.00	0.84	0.71	0.56	1.00	0.84	0.71	0.56	1.00	0.84	0.71	0.56																														
	ΔT	24	22	18	15	24	22	18	15	24	22	18	15	24	<b>22</b>	18	14	23	22	18	14	25	23	19	15	23	22	18	14	25	23	19	15	23	22	18	14	24	22	18	15																														
	KW	2.03	2.02	2.02	2.04	2.26	2.26	2.26	2.28	2.53	2.52	2.52	2.54	2.81	<b>2.81</b>	2.81	2.82	3.13	3.13	3.12	3.14	3.50	3.50	3.50	3.52	3.13	3.13	3.12	3.14	3.50	3.50	3.50	3.52	3.13	3.13	3.12	3.14	3.50	3.50	3.50	3.52																														
	Amps	7.4	7.4	7.4	7.5	8.5	8.5	8.5	8.6	9.7	9.7	9.7	9.8	11.0	<b>11.0</b>	11.0	11.1	12.5	12.5	12.5	12.5	14.2	14.2	14.2	14.3	12.5	12.5	12.5	12.5	14.2	14.2	14.2	14.3	12.5	12.5	12.5	12.5	14.2	14.2	14.2	14.3																														
	HI PR	255	256	258	263	295	296	298	302	337	338	340	344	382	<b>383</b>	385	389	430	430	432	433	482	483	485	490	430	432	433	438	482	483	485	490	430	432	433	438	482	483	485	490																														
	LO PR	122	123	126	131	129	130	134	139	135	137	140	145	141	<b>142</b>	145	150	146	148	151	156	153	154	157	162	146	148	151	156	153	154	157	162	146	148	151	156	153	154	157	162																														
	MBh	35.5	35.9	37.0	38.6	35.1	35.6	36.7	38.2	34.2	34.7	35.8	37.3	32.7	<b>33.2</b>	34.2	35.8	30.8	31.3	32.3	33.9	29.1	29.5	30.6	32.2	30.8	31.3	32.3	33.9	29.1	29.5	30.6	32.2	30.8	31.3	32.3	33.9	29.1	29.5	30.6	32.2																														
	S/T	0.82	0.74	0.61	0.47	0.83	0.75	0.61	0.47	1.00	0.77	0.64	0.50	1.00	<b>0.79</b>	0.66	0.52	1.00	0.82	0.68	0.54	1.00	0.90	0.73	0.59	1.00	0.82	0.68	0.54	1.00	0.90	0.73	0.59	1.00	0.90	0.73	0.59	1.00	0.90	0.73	0.59																														
	ΔT	23	21	18	14	23	21	17	14	23	21	18	14	23	<b>21</b>	17	14	23	21	17	14	24	22	18	15	23	22	17	14	24	22	18	15	23	22	18	15	24	22	18	15																														
KW	2.03	2.03	2.03	2.05	2.27	2.27	2.26	2.28	2.53	2.53	2.53	2.55	2.82	<b>2.82</b>	2.81	2.83	3.14	3.14	3.13	3.15	3.51	3.51	3.51	3.52	3.14	3.14	3.13	3.15	3.51	3.51	3.51	3.52	3.14	3.14	3.13	3.15	3.51	3.51	3.51	3.52																															
Amps	7.5	7.5	7.4	7.5	8.6	8.5	8.5	8.6	9.8	9.8	9.7	9.8	11.1	<b>11.1</b>	11.0	11.1	12.5	12.5	12.5	12.6	14.2	14.2	14.2	14.3	12.5	12.5	12.5	12.6	14.2	14.2	14.2	14.3	12.5	12.5	12.5	12.6	14.2	14.2	14.2	14.3																															
HI PR	257	258	260	264	297	298	300	304	338	340	341	346	383	<b>385</b>	386	391	432	433	435	439	484	485	487	491	432	433	435	439	484	485	487	491	432	433	435	439	484	485	487	491																															
LO PR	123	125	128	133	130	132	135	140	137	138	141	146	142	<b>144</b>	147	152	147	149	152	157	154	156	159	164	147	149	152	157	154	156	159	164	147	149	152	157	154	156	159	164																															
MBh	36.1	36.6	37.7	39.2	35.8	36.3	37.4	38.9	34.9	35.4	36.4	38.0	33.4																																																										

IDB		OUTDOOR AMBIENT TEMPERATURE												95												105												115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		85												85												85												85																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		65			75			85			95			105			115			125			135			145			155			165			175																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
AIRFLOW	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
<b>1100</b>	MBh	35.2	35.7	36.8	38.3	34.9	35.4	36.5	38.0	34.0	34.5	35.6	37.1	32.5	33.0	34.0	35.6	37.1	38.6	40.1	41.6	43.1	44.6	46.1	47.6	49.1	50.6	52.1	53.6	55.1	56.6	58.1	59.6	61.1	62.6	64.1	65.6	67.1	68.6	70.1	71.6	73.1	74.6	76.1	77.6	79.1	80.6	82.1	83.6	85.1	86.6	88.1	89.6	91.1	92.6	94.1	95.6	97.1	98.6	100.1	101.6	103.1	104.6	106.1	107.6	109.1	110.6	112.1	113.6	115.1	116.6	118.1	119.6	121.1	122.6	124.1	125.6	127.1	128.6	130.1	131.6	133.1	134.6	136.1	137.6	139.1	140.6	142.1	143.6	145.1	146.6	148.1	149.6	151.1	152.6	154.1	155.6	157.1	158.6	160.1	161.6	163.1	164.6	166.1	167.6	169.1	170.6	172.1	173.6	175.1	176.6	178.1	179.6	181.1	182.6	184.1	185.6	187.1	188.6	190.1	191.6	193.1	194.6	196.1	197.6	199.1	200.6	202.1	203.6	205.1	206.6	208.1	209.6	211.1	212.6	214.1	215.6	217.1	218.6	220.1	221.6	223.1	224.6	226.1	227.6	229.1	230.6	232.1	233.6	235.1	236.6	238.1	239.6	241.1	242.6	244.1	245.6	247.1	248.6	250.1	251.6	253.1	254.6	256.1	257.6	259.1	260.6	262.1	263.6	265.1	266.6	268.1	269.6	271.1	272.6	274.1	275.6	277.1	278.6	280.1	281.6	283.1	284.6	286.1	287.6	289.1	290.6	292.1	293.6	295.1	296.6	298.1	299.6	301.1	302.6	304.1	305.6	307.1	308.6	310.1	311.6	313.1	314.6	316.1	317.6	319.1	320.6	322.1	323.6	325.1	326.6	328.1	329.6	331.1	332.6	334.1	335.6	337.1	338.6	340.1	341.6	343.1	344.6	346.1	347.6	349.1	350.6	352.1	353.6	355.1	356.6	358.1	359.6	361.1	362.6	364.1	365.6	367.1	368.6	370.1	371.6	373.1	374.6	376.1	377.6	379.1	380.6	382.1	383.6	385.1	386.6	388.1	389.6	391.1	392.6	394.1	395.6	397.1	398.6	400.1	401.6	403.1	404.6	406.1	407.6	409.1	410.6	412.1	413.6	415.1	416.6	418.1	419.6	421.1	422.6	424.1	425.6	427.1	428.6	430.1	431.6	433.1	434.6	436.1	437.6	439.1	440.6	442.1	443.6	445.1	446.6	448.1	449.6	451.1	452.6	454.1	455.6	457.1	458.6	460.1	461.6	463.1	464.6	466.1	467.6	469.1	470.6	472.1	473.6	475.1	476.6	478.1	479.6	481.1	482.6	484.1	485.6	487.1	488.6	490.1	491.6	493.1	494.6	496.1	497.6	499.1	500.6	502.1	503.6	505.1	506.6	508.1	509.6	511.1	512.6	514.1	515.6	517.1	518.6	520.1	521.6	523.1	524.6	526.1	527.6	529.1	530.6	532.1	533.6	535.1	536.6	538.1	539.6	541.1	542.6	544.1	545.6	547.1	548.6	550.1	551.6	553.1	554.6	556.1	557.6	559.1	560.6	562.1	563.6	565.1	566.6	568.1	569.6	571.1	572.6	574.1	575.6	577.1	578.6	580.1	581.6	583.1	584.6	586.1	587.6	589.1	590.6	592.1	593.6	595.1	596.6	598.1	599.6	601.1	602.6	604.1	605.6	607.1	608.6	610.1	611.6	613.1	614.6	616.1	617.6	619.1	620.6	622.1	623.6	625.1	626.6	628.1	629.6	631.1	632.6	634.1	635.6	637.1	638.6	640.1	641.6	643.1	644.6	646.1	647.6	649.1	650.6	652.1	653.6	655.1	656.6	658.1	659.6	661.1	662.6	664.1	665.6	667.1	668.6	670.1	671.6	673.1	674.6	676.1	677.6	679.1	680.6	682.1	683.6	685.1	686.6	688.1	689.6	691.1	692.6	694.1	695.6	697.1	698.6	700.1	701.6	703.1	704.6	706.1	707.6	709.1	710.6	712.1	713.6	715.1	716.6	718.1	719.6	721.1	722.6	724.1	725.6	727.1	728.6	730.1	731.6	733.1	734.6	736.1	737.6	739.1	740.6	742.1	743.6	745.1	746.6	748.1	749.6	751.1	752.6	754.1	755.6	757.1	758.6	760.1	761.6	763.1	764.6	766.1	767.6	769.1	770.6	772.1	773.6	775.1	776.6	778.1	779.6	781.1	782.6	784.1	785.6	787.1	788.6	790.1	791.6	793.1	794.6	796.1	797.6	799.1	800.6	802.1	803.6	805.1	806.6	808.1	809.6	811.1	812.6	814.1	815.6	817.1	818.6	820.1	821.6	823.1	824.6	826.1	827.6	829.1	830.6	832.1	833.6	835.1	836.6	838.1	839.6	841.1	842.6	844.1	845.6	847.1	848.6	850.1	851.6	853.1	854.6	856.1	857.6	859.1	860.6	862.1	863.6	865.1	866.6	868.1	869.6	871.1	872.6	874.1	875.6	877.1	878.6	880.1	881.6	883.1	884.6	886.1	887.6	889.1	890.6	892.1	893.6	895.1	896.6	898.1	899.6	901.1	902.6	904.1	905.6	907.1	908.6	910.1	911.6	913.1	914.6	916.1	917.6	919.1	920.6	922.1	923.6	925.1	926.6	928.1	929.6	931.1	932.6	934.1	935.6	937.1	938.6	940.1	941.6	943.1	944.6	946.1	947.6	949.1	950.6	952.1	953.6	955.1	956.6	958.1	959.6	961.1	962.6	964.1	965.6	967.1	968.6	970.1	971.6	973.1	974.6	976.1	977.6	979.1	980.6	982.1	983.6	985.1	986.6	988.1	989.6	991.1	992.6	994.1	995.6	997.1	998.6	1000.1	1001.6	1003.1	1004.6	1006.1	1007.6	1009.1	1010.6	1012.1	1013.6	1015.1	1016.6	1018.1	1019.6	1021.1	1022.6	1024.1	1025.6	1027.1	1028.6	1030.1	1031.6	1033.1	1034.6	1036.1	1037.6	1039.1	1040.6	1042.1	1043.6	1045.1	1046.6	1048.1	1049.6	1051.1	1052.6	1054.1	1055.6	1057.1	1058.6	1060.1	1061.6	1063.1	1064.6	1066.1	1067.6	1069.1	1070.6	1072.1	1073.6	1075.1	1076.6	1078.1	1079.6	1081.1	1082.6	1084.1	1085.6	1087.1	1088.6	1090.1	1091.6	1093.1	1094.6	1096.1	1097.6	1099.1	1100.6	1102.1	1103.6	1105.1	1106.6	1108.1	1109.6	1111.1	1112.6	1114.1	1115.6	1117.1	1118.6	1120.1	1121.6	1123.1	1124.6	1126.1	1127.6	1129.1	1130.6	1132.1	1133.6	1135.1	1136.6	1138.1	1139.6	1141.1	1142.6	1144.1	1145.6	1147.1	1148.6	1150.1	1151.6	1153.1	1154.6	1156.1	1157.6	1159.1	1160.6	1162.1	1163.6	1165.1	1166.6	1168.1	1169.6	1171.1	1172.6	1174.1	1175.6	1177.1	1178.6	1180.1	1181.6	1183.1	1184.6	1186.1	1187.6	1189.1	1190.6	1192.1	1193.6	1195.1	1196.6	1198.1	1199.6	1201.1	1202.6	1204.1	1205.6	1207.1	1208.6	1210.1	1211.6	1213.1	1214.6	1216.1	1217.6	1219.1	1220.6	1222.1	1223.6	1225.1	1226.6	1228.1	1229.6	1231.1	1232.6	1234.1	1235.6	1237.1	1238.6	1240.1	1241.6	1243.1	1244.6	1246.1	1247.6	1249.1	1250.6	1252.1	1253.6	1255.1	1256.6	1258.1	1259.6	1261.1	1262.6	1264.1	1265.6	1267.1	1268.6	1270.1	1271.6	1273.1	1274.6	1276.1	1277.6	1279.1	1280.6	1282.1	1283.6	1285.1	1286.6	1288.1	1289.6	1291.1	1292.6	1294.1	1295.6	1297.1	1298.6	1300.1	1301.6	1303.1	1304.6	1306.1	1307.6	1309.1	1310.6	1312.1	1313.6	1315.1	1316.6	1318.1	1319.6	1321.1	1322.6	1324.1	1325.6	1327.1	1328.6	1330.1	1331.6	1333.1	1334.6	1336.1	1337.6	1339.1	1340.6	1342.1	1343.6	1345.1	1346.6	1348.1	1349.6	1351.1	1352.6	1354.1	1355.6	1357.1	1358.6	1360.1	1361.6	1363.1	1364.6	1366.1	1367.6	1369.1	1370.6	1372.1	1373.6	1375.1	1376.6	1378.1	1379.6	1381.1	1382.6	1384.1	1385.6	1387.1	1388.6	1390.1	1391.6	1393.1	1394.6	1396.1	1397.6	1399.1	1400.6	1402.1	1403.6	1405.1	1406.6	1408.1	1409.6	1411.1	1412.6	1414.1	1415.6	1417.1	1418.6	1420.1	1421.6	1423.1	1424.6	1426.1	1427.6	1429.1	1430.6	1432.1	1433.6	1435.1	1436.6	1438.1	1439.6	1441.1	1442.6	1444.1	1445.6	1447.1	1448.6	1450.1	1451.6	1453.1	1454.6	1456.1	1457.6	1459.1	1460.6	1462.1	1463.6	1465.1	1466.6	1468.1	1469.6	1471.1	1472.6	1474.1	1475.6	1477.1	1478.6	1480.1	1481.6	1483.1	1484.6	1486.1	1487.6	1489.1	1490.6	1492.1	1493.6	1495.1	1496.6	1498.1	1499.6	1501.1	1502.6	1504.1	1505.6	1507.1	1508.6	1510.1	1511.6	1513.1	1514.6	1516.1	1517.6	1519.1	1520.6	1522.1	1523.6	1525.1	1526.6	1528.1	1529.6	1531.1	1532.6	1534.1	1535.6	1537.1	1538.6	1540.1	1541.6	1543.1	1544.6	1546.1	1547.6	1549.1	1550.6	1552.1	1553.6	1555.1	1556.6	1558.1	1559.6	1561.1	1562.6	1564.1	1565.6	1567.1	1568.6	1570.1	1571.6	1573.1	1574.6	1576.1	1577.6	1579.1	1580.6	1582.1	1583.6	1585.1	1586.6	1588.1	1589.6	1591.1	1592.6	1594.1	1595.6	1597.1	1598.6	1600.1	1601.6	1603.1	1604.6	1606.1	1607.6	1609.1	1610.6	1612.1	1613.6	1615.1	1616.6	1618.1	1619.6	1621.1	1622.6	1624.1	1625.6	1627.1	1628.6	1630.1	1631.6	1633.1	1634.6	1636.1	1637.6	1639.1	1640.6	1642.1	1643.6	1645.1	1646.6	1648.1	1649.6	1651.1	1652.6	1654.1	1655.6	1657.1	1658.6	1660.1	1661.6	1663.1	1664.6	1666.1	1667.6	1669.1	1670.6	1672.1	1673.6	1675.1	1676.6	1678.1	1679.6	1681.1	1682.6	1684.1	1685.6	1687.1	1688.6	1690.1	1691.6	1693.1	1694.6	1696.1	1697.6

IDB	AIRFLOW	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																							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
<b>70</b>		39.7	40.2	41.4	-	39.3	39.9	41.1	-	38.3	38.8	40.0	-	36.5	37.1	38.2	-	34.3	34.9	36.1	-	32.3	32.9	34.1	-
	MBh	0.63	0.55	0.41	-	0.64	0.56	0.42	-	0.66	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.63	0.49	-	1.00	0.68	0.54	-
	S/T	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	21	19	15	-
	ΔT	2.32	2.32	2.31	-	2.59	2.59	2.58	-	2.89	2.89	2.88	-	3.21	3.21	3.21	-	3.58	3.57	3.57	-	4.00	4.00	4.00	-
	KW	8.3	8.3	8.3	-	9.5	9.5	9.5	-	10.9	10.9	10.9	-	12.4	12.4	12.3	-	14.0	14.0	14.0	-	16.0	16.0	16.0	-
	Amps	306	266	267	-	306	307	309	-	350	351	353	-	397	398	400	-	448	449	451	-	502	503	505	-
	HI PR	126	128	131	-	134	135	139	-	140	142	145	-	146	148	151	-	152	153	157	-	159	160	163	-
	LO PR	40.2	40.8	41.9	-	39.8	40.4	41.6	-	38.8	39.4	40.6	-	37.0	37.6	38.8	-	34.8	35.4	36.6	-	32.9	33.4	34.6	-
	MBh	0.69	0.61	0.47	-	0.70	0.62	0.48	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-
	S/T	19	17	13	-	19	17	13	-	19	17	14	-	19	17	13	-	18	17	13	-	20	18	14	-
ΔT	2.34	2.33	2.33	-	2.60	2.60	2.60	-	2.90	2.90	2.90	-	3.23	3.23	3.22	-	3.59	3.59	3.58	-	4.02	4.01	4.01	-	
KW	8.4	8.3	8.3	-	9.6	9.6	9.6	-	11.0	10.9	10.9	-	12.4	12.4	12.4	-	14.1	14.1	14.1	-	16.0	16.0	16.0	-	
Amps	267	268	270	-	308	309	311	-	352	353	355	-	399	400	402	-	450	451	453	-	504	505	507	-	
HI PR	128	130	133	-	136	137	140	-	142	144	147	-	148	150	153	-	154	155	158	-	161	162	165	-	
LO PR	40.8	41.4	42.6	-	40.5	41.0	42.2	-	39.4	40.0	41.2	-	37.7	38.2	39.4	-	35.5	36.0	37.2	-	33.5	34.0	35.2	-	
MBh	0.73	0.65	0.51	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.73	0.58	-	1.00	1.00	0.64	-	
S/T	18	16	13	-	18	16	12	-	18	16	13	-	18	16	12	-	17	16	12	-	19	17	13	-	
ΔT	2.35	2.34	2.34	-	2.62	2.61	2.61	-	2.92	2.91	2.91	-	3.24	3.24	3.23	-	3.60	3.60	3.60	-	4.03	4.03	4.02	-	
KW	8.4	8.4	8.4	-	9.6	9.6	9.6	-	11.0	11.0	11.0	-	12.5	12.5	12.5	-	14.2	14.1	14.1	-	16.1	16.1	16.1	-	
Amps	269	270	272	-	311	312	314	-	354	355	357	-	401	402	404	-	452	453	455	-	506	507	509	-	
HI PR	130	132	135	-	138	139	142	-	144	146	149	-	150	152	155	-	156	157	160	-	163	164	167	-	
LO PR																									
		39.7	40.3	41.4	43.3	39.3	39.9	41.1	42.9	38.3	38.9	40.1	41.9	36.5	<b>37.6</b>	38.3	40.1	34.3	34.9	36.1	37.9	32.4	32.9	34.1	35.9
	MBh	0.77	0.69	0.55	0.40	1.00	0.69	0.55	0.40	1.00	0.72	0.58	0.43	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.47	1.00	1.00	0.67	0.53
	S/T	24	22	19	15	24	22	19	15	24	22	19	15	24	<b>22</b>	19	15	24	22	18	15	25	23	19	16
	ΔT	2.32	2.32	2.31	2.33	2.59	2.59	2.58	2.60	2.89	2.89	2.88	2.90	3.21	<b>3.21</b>	3.21	3.23	3.58	3.57	3.57	3.59	4.00	4.00	3.99	4.01
	KW	8.3	8.3	8.3	8.0	9.5	9.5	9.5	9.6	10.9	10.9	10.9	11.0	12.4	<b>12.4</b>	12.3	12.4	14.0	14.0	14.0	14.0	16.0	16.0	15.9	16.0
	Amps	265	266	268	272	306	307	309	314	350	351	353	358	397	<b>398</b>	400	405	448	449	451	455	502	503	505	510
	HI PR	126	128	131	136	134	135	139	144	141	142	145	151	146	<b>148</b>	151	156	152	153	157	162	159	160	164	169
	LO PR	40.2	40.8	42.0	43.8	39.9	40.4	41.6	43.4	38.8	39.4	40.6	42.4	37.0	<b>37.6</b>	38.8	40.6	34.9	35.4	36.6	38.4	32.9	33.4	34.6	36.4
	MBh	0.83	0.75	0.61	0.46	1.00	0.76	0.61	0.47	1.00	0.78	0.64	0.49	1.00	<b>0.80</b>	0.66	0.51	1.00	1.00	0.68	0.53	1.00	1.00	0.74	0.59
	S/T	23	21	17	14	23	21	17	14	23	21	18	14	23	<b>21</b>	17	14	22	21	17	14	24	22	18	15
	ΔT	2.33	2.33	2.33	2.35	2.60	2.60	2.60	2.62	2.90	2.90	2.90	2.92	3.23	<b>3.22</b>	3.22	3.24	3.59	3.59	3.58	3.60	4.01	4.01	4.01	4.03
	KW	8.3	8.3	8.3	8.0	9.6	9.6	9.6	10.0	10.9	10.9	10.9	11.0	12.4	<b>12.4</b>	12.4	12.0	14.1	14.1	14.1	14.0	16.0	16.0	16.0	16.1
	Amps	267	268	270	274	309	310	312	316	352	353	355	360	399	<b>400</b>	402	407	450	451	453	458	504	505	507	512
	HI PR	128	130	133	138	136	137	140	146	142	144	147	153	148	<b>150</b>	153	158	154	155	158	164	161	162	165	171
	LO PR	40.8	41.4	42.6	44.4	40.5	41.1	42.2	44.0	39.5	40.0	41.2	43.0	37.7	<b>38.2</b>	39.4	41.2	35.5	36.1	37.2	39.1	33.5	34.1	35.3	37.1
	MBh	0.86	0.78	0.64	0.49	1.00	0.79	0.65	0.50	1.00	0.82	0.68	0.53	1.00	<b>0.84</b>	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.77	0.62
	S/T	22	20	17	13	22	20	17	13	22	20	17	13	22	<b>20</b>	16	13	21	20	16	13	23	21	17	14
	ΔT	2.35	2.34	2.34	2.36	2.61	2.61	2.61	2.63	2.91	2.91	2.91	2.93	3.24	<b>3.24</b>	3.23	3.25	3.60	3.60	3.59	3.61	4.03	4.02	4.02	4.04
	KW	8.4	8.4	8.4	8.0	9.6	9.6	9.6	10.0	11.0	11.0	11.0	11.0	12.5	<b>12.5</b>	12.5	13.0	14.1	14.1	14.1	14.0	16.1	16.1	16.1	16.2
	Amps	269	270	272	277	311	312	314	318	354	356	357	362	402	<b>403</b>	405	409	452	453	455	460	506	508	509	514
	HI PR	130	132	135	140	138	139	142	148	144	146	149	155	150	<b>152</b>	155	160	156	157	160	166	163	164	167	173
	LO PR	kW = Total system power Amps = outdoor unit amps (comp.+fan)																							

Shaded area reflects ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service valves.

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE											ENTERING INDOOR WET BULB TEMPERATURE																																																														
		65					75					85					95					105					115																																																
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	85	59	63	67	71	95	59	63	67	71	105	59	63	67	71	115																																												
		MBh	S/T	ΔT	KW	Amps	HI PR	LO PR	MBh	S/T	ΔT	KW	Amps	HI PR	LO PR	MBh	S/T	ΔT	KW	Amps	HI PR	LO PR	MBh	S/T	ΔT	KW	Amps	HI PR	LO PR	MBh	S/T	ΔT	KW	Amps	HI PR	LO PR																																							
<b>80</b>	1225	39.9	40.5	41.7	43.5	39.6	40.1	41.3	43.1	43.1	38.5	39.1	40.3	42.1	36.7	37.3	38.5	40.3	34.6	35.1	36.3	38.1	32.6	33.1	34.3	36.1	1.00	1.00	0.82	0.68	0.5	1.00	0.85	0.71	0.6	1.00	1.00	0.75	0.6	28	26	23	19	28	26	22	19	29	27	23	20	4.00	4.00	3.57	3.57	3.6	4.00	4.00	4.00	4.02	16.0	16.0	14.0	14.0	14.0	16.0	16.0	50.2	50.4	50.5	51.0	15.9	16.1	16.4	16.9
	1400	40.4	41.0	42.2	44.0	40.1	40.6	41.8	43.6	43.6	39.0	39.6	40.8	42.6	37.3	37.8	39.0	40.8	35.1	35.6	36.8	38.6	33.1	33.6	34.8	36.6	1.00	1.00	0.88	0.74	0.6	1.00	0.91	0.77	0.6	1.00	1.00	0.81	0.64	1.00	1.00	0.81	0.7	27	25	22	18	27	25	21	18	28	26	22	19	4.02	4.01	4.01	4.03	16.0	16.0	16.1	16.1	16.0	16.0	16.0	50.5	51.0	50.8	51.2	16.1	16.3	16.6	17.1	
	1575	41.1	41.6	42.8	44.6	40.7	41.3	42.4	44.3	44.3	39.7	40.2	41.4	43.2	37.9	38.4	39.6	41.4	35.7	36.3	37.4	39.3	33.7	34.3	35.5	37.3	1.00	1.00	0.91	0.77	0.6	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.7	26	24	21	17	26	24	20	17	27	25	21	18	4.03	4.03	4.03	4.00	16.1	16.1	16.2	16.2	16.1	16.1	16.1	50.7	50.8	51.4	51.4	16.3	16.5	16.8	17.3					
		41.1	41.6	42.8	44.6	40.7	41.3	42.4	44.3	44.3	39.7	40.2	41.4	43.2	37.9	38.4	39.6	41.4	35.7	36.3	37.4	39.3	33.7	34.3	35.5	37.3	1.00	1.00	0.91	0.77	0.6	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.7	26	24	21	17	26	24	20	17	27	25	21	18	4.03	4.03	4.03	4.00	16.1	16.1	16.2	16.2	16.1	16.1	16.1	50.7	50.8	51.4	51.4	16.3	16.5	16.8	17.3					
		40.6	41.1	42.3	44.1	40.2	40.8	42.0	43.8	43.8	39.2	39.7	40.9	42.7	37.4	38.0	39.1	41.0	35.2	35.8	37.0	38.8	33.2	33.8	35.0	36.8	1.00	1.00	0.92	0.78	0.63	1.00	1.00	0.88	0.73	1.00	1.00	0.87	0.71	1.00	1.00	0.82	0.66	31	30	26	23	31	29	26	22	32	30	27	24	4.01	4.01	4.00	4.02	16.0	16.0	16.1	16.1	16.0	16.0	16.0	50.4	50.5	50.7	51.1	16.1	16.3	16.6	17.1	
<b>85</b>	1225	40.6	41.1	42.3	44.1	40.2	40.8	42.0	43.8	43.8	39.2	39.7	40.9	42.7	37.4	38.0	39.1	41.0	35.2	35.8	37.0	38.8	33.2	33.8	35.0	36.8	1.00	1.00	0.92	0.78	0.63	1.00	1.00	0.88	0.73	1.00	1.00	0.87	0.71	1.00	1.00	0.82	0.66	31	30	26	23	31	29	26	22	32	30	27	24	4.01	4.01	4.00	4.02	16.0	16.0	16.1	16.1	16.0	16.0	16.0	50.4	50.5	50.7	51.1	16.1	16.3	16.6	17.1	
	1400	41.1	41.7	42.8	44.7	40.7	41.3	42.5	44.3	44.3	39.7	40.3	41.5	43.3	37.9	38.5	39.7	41.5	35.7	36.3	37.5	39.3	33.8	34.3	35.5	37.3	1.00	1.00	0.92	0.78	0.63	1.00	1.00	0.90	0.75	1.00	1.00	0.87	0.71	1.00	1.00	0.82	0.66	31	30	26	23	31	29	26	22	31	29	26	22	4.02	4.02	4.01	4.04	16.1	16.1	16.1	16.1	16.1	16.1	16.1	50.6	50.7	50.9	51.4	16.1	16.1	16.1	16.1	
	1575	41.1	41.7	42.8	44.7	40.7	41.3	42.5	44.3	44.3	39.7	40.3	41.5	43.3	37.9	38.5	39.7	41.5	35.7	36.3	37.5	39.3	33.8	34.3	35.5	37.3	1.00	1.00	0.92	0.78	0.63	1.00	1.00	0.90	0.75	1.00	1.00	0.87	0.71	1.00	1.00	0.82	0.66	31	30	26	23	31	29	26	22	31	29	26	22	4.02	4.02	4.01	4.04	16.1	16.1	16.1	16.1	16.1	16.1	16.1	50.6	50.7	50.9	51.4	16.1	16.1	16.1	16.1	
		41.1	41.7	42.8	44.7	40.7	41.3	42.5	44.3	44.3	39.7	40.3	41.5	43.3	37.9	38.5	39.7	41.5	35.7	36.3	37.5	39.3	33.8	34.3	35.5	37.3	1.00	1.00	0.92	0.78	0.63	1.00	1.00	0.90	0.75	1.00	1.00	0.87	0.71	1.00	1.00	0.82	0.66	31	30	26	23	31	29	26	22	31	29	26	22	4.02	4.02	4.01	4.04	16.1	16.1	16.1	16.1	16.1	16.1	16.1	50.6	50.7	50.9	51.4	16.1	16.1	16.1	16.1	
		41.1	41.7	42.8	44.7	40.7	41.3	42.5	44.3	44.3	39.7	40.3	41.5	43.3	37.9	38.5	39.7	41.5	35.7	36.3	37.5	39.3	33.8	34.3	35.5	37.3	1.00	1.00	0.92	0.78	0.63	1.00	1.00	0.90	0.75	1.00	1.00	0.87	0.71	1.00	1.00	0.82	0.66	31	30	26	23	31	29	26	22	31	29	26	22	4.02	4.02	4.01	4.04	16.1	16.1	16.1	16.1	16.1	16.1	16.1	50.6	50.7	50.9	51.4	16.1	16.1	16.1	16.1	
	41.7	42.3	43.5	45.3	41.4	41.9	43.1	44.9	44.9	40.3	40.9	42.1	43.9	38.5	39.1	40.3	42.1	36.4	36.9	38.1	39.9	34.4	34.9	36.1	37.9	1.00	1.00	0.88	0.73	0.67	1.00	1.00	0.93	0.78	1.00	1.00	0.81	0.65	1.00	1.00	0.75	0.60	29	28	24	21	29	27	24	20	30	28	25	21	4.03	4.03	4.03	4.05	16.1	16.1	16.2	16.2	16.1	16.1	16.1	50.8	50.9	51.1	51.6	16.1	16.1	17.0	17.5		

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















GSX140181** / CA*FA2422*6A* W/.051" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 600 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	19,300	14,668	4,632	1,070
80	19,100	14,516	4,584	1,120
85	18,820	14,303	4,517	1,177
90	18,400	13,984	4,416	1,240
<b>95</b>	<b>18,000</b>	<b>13,680</b>	<b>4,320</b>	<b>1,294</b>
100	17,550	13,338	4,212	1,360
105	17,000	12,920	4,080	1,424
110	16,510	12,548	3,962	1,505
115	16,050	12,198	3,852	1,577
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	17,357	13,365	3,992	1,296

GSX140191** / CA*F3636*6D* W/.053" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 550 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	18,900	13,041	5,859	1,160
80	18,650	13,145	5,506	1,225
85	18,400	13,248	5,152	1,290
90	18,000	13,136	4,864	1,360
<b>95</b>	<b>17,600</b>	<b>13,024</b>	<b>4,576</b>	<b>1,430</b>
100	17,100	12,820	4,280	1,530
105	16,600	12,616	3,984	1,590
110	16,150	12,667	3,484	1,680
115	15,700	12,717	2,983	1,770
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	17,000	12,750	4,250	1,430

GSX140241** / CA*F3636*6D* W/.057" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 725 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	24,360	16,895	7,465	1,474
80	24,070	16,904	7,166	1,526
85	23,780	16,912	6,868	1,577
90	23,490	16,972	6,518	1,623
<b>95</b>	<b>23,200</b>	<b>17,031</b>	<b>6,169</b>	<b>1,668</b>
100	22,620	16,912	5,708	1,707
105	22,040	16,793	5,247	1,746
110	21,228	16,239	4,989	1,779
115	20,416	15,686	4,730	1,813
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	21,498	16,861	4,637	1,596

GSX140251** / CA*F3636*6D* W/.057" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 700 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	25,500	17,085	8,415	1,570
80	25,200	17,258	7,943	1,660
85	24,900	17,430	7,470	1,750
90	24,350	17,283	7,067	1,850
<b>95</b>	<b>23,800</b>	<b>17,136</b>	<b>6,664</b>	<b>1,950</b>
100	23,150	16,893	6,257	2,060
105	22,500	16,650	5,850	2,170
110	21,900	16,739	5,162	2,300
115	21,300	16,827	4,473	2,430
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	23,000	16,790	6,210	1,950

GSX140301K* / CA*F3642*6D* W/.067" Orifice Conditions: 80 °F IBD, 67 °F IWB @ 1000 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	31,100	23,177	7,923	1,950
80	30,800	23,361	7,439	2,060
85	30,400	23,449	6,951	2,160
90	29,700	23,233	6,467	2,280
<b>95</b>	<b>29,000</b>	<b>22,958</b>	<b>6,042</b>	<b>2,390</b>
100	28,200	22,600	5,600	2,520
105	27,400	22,322	5,078	2,650
110	26,600	22,222	4,378	2,800
115	25,900	22,489	3,411	2,950
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	27,800	20,850	6,950	2,420

GSX140301N*+CA*FA3626*6A* W/.067" Orifice Conditions: 80 °F IBD, 67 °F IWB @ 1000 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	30,700	21,183	9,517	2,022
80	30,300	21,210	9,090	2,139
85	29,900	21,229	8,671	2,255
90	29,250	21,060	8,190	2,381
<b>95</b>	<b>28,600</b>	<b>20,878</b>	<b>7,722</b>	<b>2,506</b>
100	27,800	19,460	8,340	2,646
105	27,000	20,250	6,750	2,786
110	26,250	20,344	5,906	2,951
115	25,500	20,400	5,100	3,116
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	27,600	20,424	7,176	2,508

PERFORMANCE DATA (CONT.)

GSX140311** / CA*F3137*6D* W/.063" Orifice Conditions: 80 °F IBD, 67 °F IWB @ 1000 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	30,700	22,718	7,982	1,920
80	30,300	22,871	7,430	2,025
85	29,900	23,023	6,877	2,130
90	29,250	22,809	6,442	2,245
<b>95</b>	<b>28,600</b>	<b>22,594</b>	<b>6,006</b>	<b>2,360</b>
100	27,800	22,232	5,568	2,490
105	27,000	21,870	5,130	2,620
110	26,250	21,900	4,350	2,770
115	25,500	21,930	3,570	2,920
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
<b>95°</b>	<b>27,600</b>	<b>20,080</b>	<b>5,520</b>	<b>2,360</b>

GSX140361** / CA*F3642*6D* W/.068" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 1200 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	36,700	25,690	11,010	2,330
80	36,250	25,733	10,517	2,460
85	35,800	25,776	10,024	2,590
90	35,000	25,542	9,458	2,730
<b>95</b>	<b>34,200</b>	<b>25,308</b>	<b>8,892</b>	<b>2,870</b>
100	33,250	24,928	8,322	3,030
105	32,300	24,548	7,752	3,190
110	31,400	24,627	6,774	3,370
115	30,500	24,705	5,795	3,550
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
<b>95°</b>	<b>33,000</b>	<b>24,750</b>	<b>8,250</b>	<b>2,870</b>

GSX140371** / CA*F3137*6D* W/.071" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 1100 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	36,500	25,915	10,585	2,260
80	36,050	26,130	9,921	2,400
85	35,600	26,344	9,256	2,540
90	34,800	26,092	8,708	2,675
<b>95</b>	<b>34,000</b>	<b>25,840</b>	<b>8,160</b>	<b>2,810</b>
100	33,050	25,439	7,611	2,970
105	32,100	25,038	7,062	3,130
110	31,250	25,135	6,115	3,315
115	30,400	25,232	5,168	3,500
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
<b>95°</b>	<b>32,800</b>	<b>25,256</b>	<b>7,544</b>	<b>2,810</b>

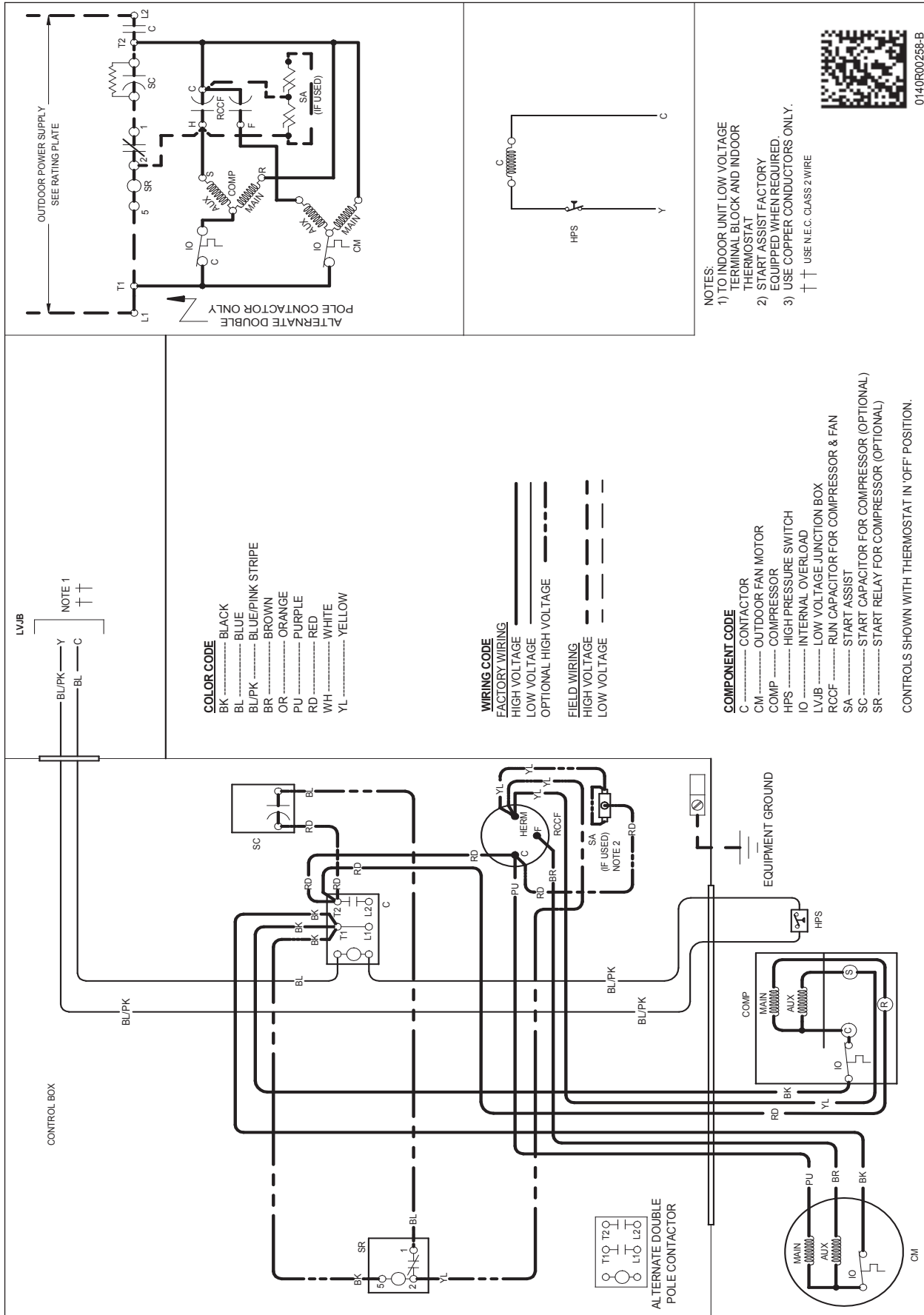
GSX140421** / CA*F4961*6D* W/.074" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 1400 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	41,800	30,932	10,868	2,600
80	41,300	31,174	10,126	2,750
85	40,800	31,416	9,384	2,900
90	39,900	31,113	8,787	3,060
<b>95</b>	<b>39,000</b>	<b>30,810</b>	<b>8,190</b>	<b>3,220</b>
100	37,900	30,309	7,591	3,400
105	36,800	29,808	6,992	3,580
110	35,800	30,042	5,758	3,795
115	34,800	30,276	4,524	4,010
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
<b>95°</b>	<b>37,600</b>	<b>30,080</b>	<b>7,520</b>	<b>3,220</b>

GSX140431** / CA*F4961*6D* W/.074" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 1400 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	41,800	30,932	10,868	2,600
80	41,300	31,174	10,126	2,750
85	40,800	31,416	9,384	2,900
90	39,900	31,113	8,787	3,060
<b>95</b>	<b>39,000</b>	<b>30,810</b>	<b>8,190</b>	<b>3,220</b>
100	37,900	30,309	7,591	3,400
105	36,800	29,808	6,992	3,580
110	35,800	30,042	5,758	3,795
115	34,800	30,276	4,524	4,010
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
<b>95°</b>	<b>37,600</b>	<b>30,080</b>	<b>7,520</b>	<b>3,220</b>

GSX140481K / CA*F4860*6D* W/.078" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 1400 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	48,300	31,878	16,422	3,080
80	47,700	32,189	15,511	3,255
85	47,100	32,500	14,600	3,430
90	46,050	32,225	13,825	3,625
<b>95</b>	<b>45,000</b>	<b>31,950</b>	<b>13,050</b>	<b>3,820</b>
100	43,750	31,488	12,263	4,035
105	42,500	31,025	11,475	4,250
110	41,350	31,191	10,160	4,500
115	40,200	31,356	8,844	4,750
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
<b>95°</b>	<b>43,400</b>	<b>31,248</b>	<b>12,152</b>	<b>3,820</b>

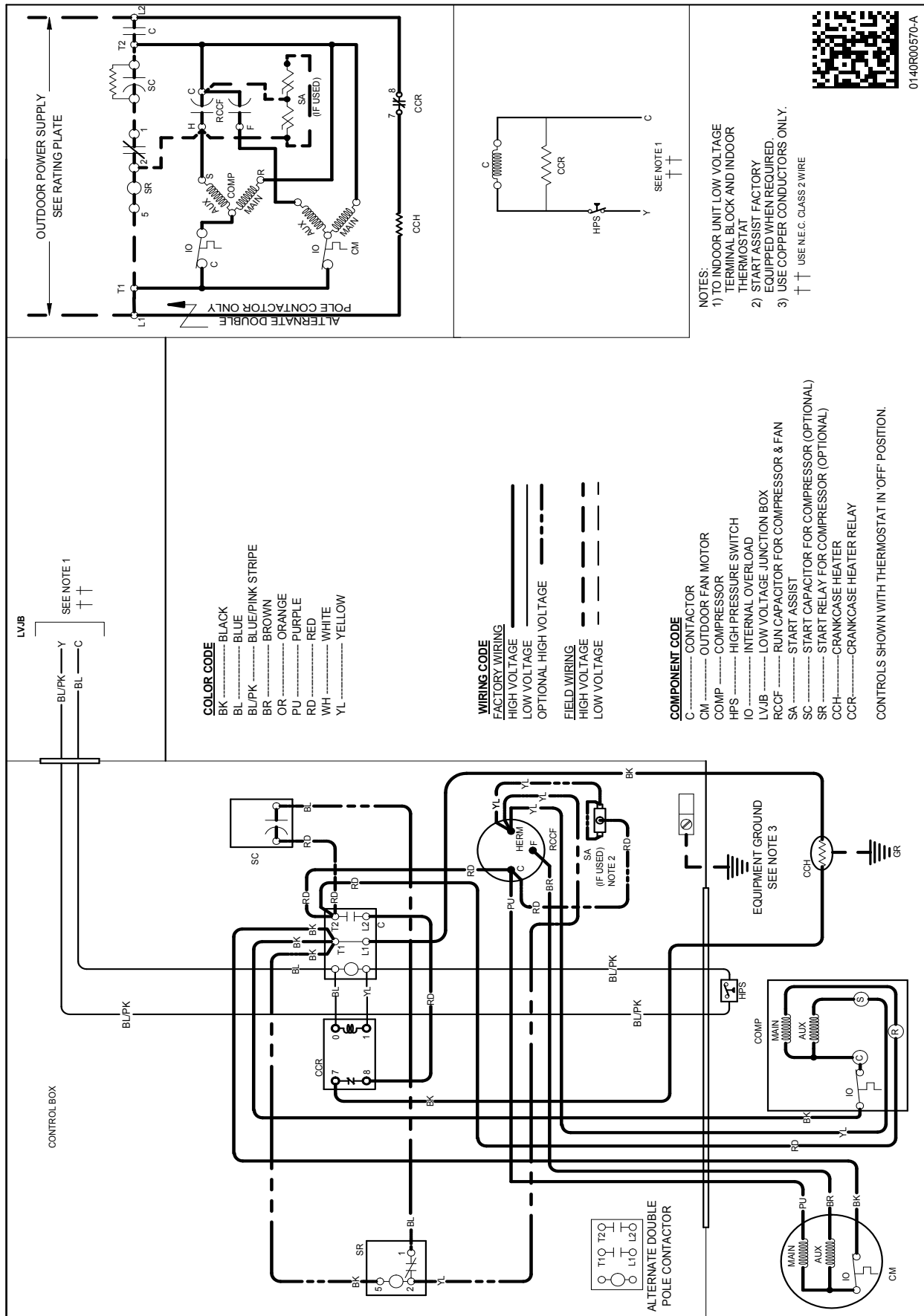


GSX140601** / CA*F4961*6D* W/.088" ORIFICE				
CONDITIONS: 80 °F IB, 67 °F IWB @ 1550 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	61,100	40,326	20,774	3,840
80	60,350	40,725	19,625	4,080
85	59,600	41,124	18,476	4,320
90	58,300	40,512	17,788	4,575
<b>95</b>	<b>57,000</b>	<b>39,900</b>	<b>17,100</b>	<b>4,830</b>
100	55,400	39,318	16,082	5,120
105	53,800	38,736	15,064	5,410
110	52,350	38,965	13,386	5,745
115	50,900	39,193	11,707	6,080
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
<b>95°</b>	<b>55,000</b>	<b>39,050</b>	<b>15,950</b>	<b>4,840</b>



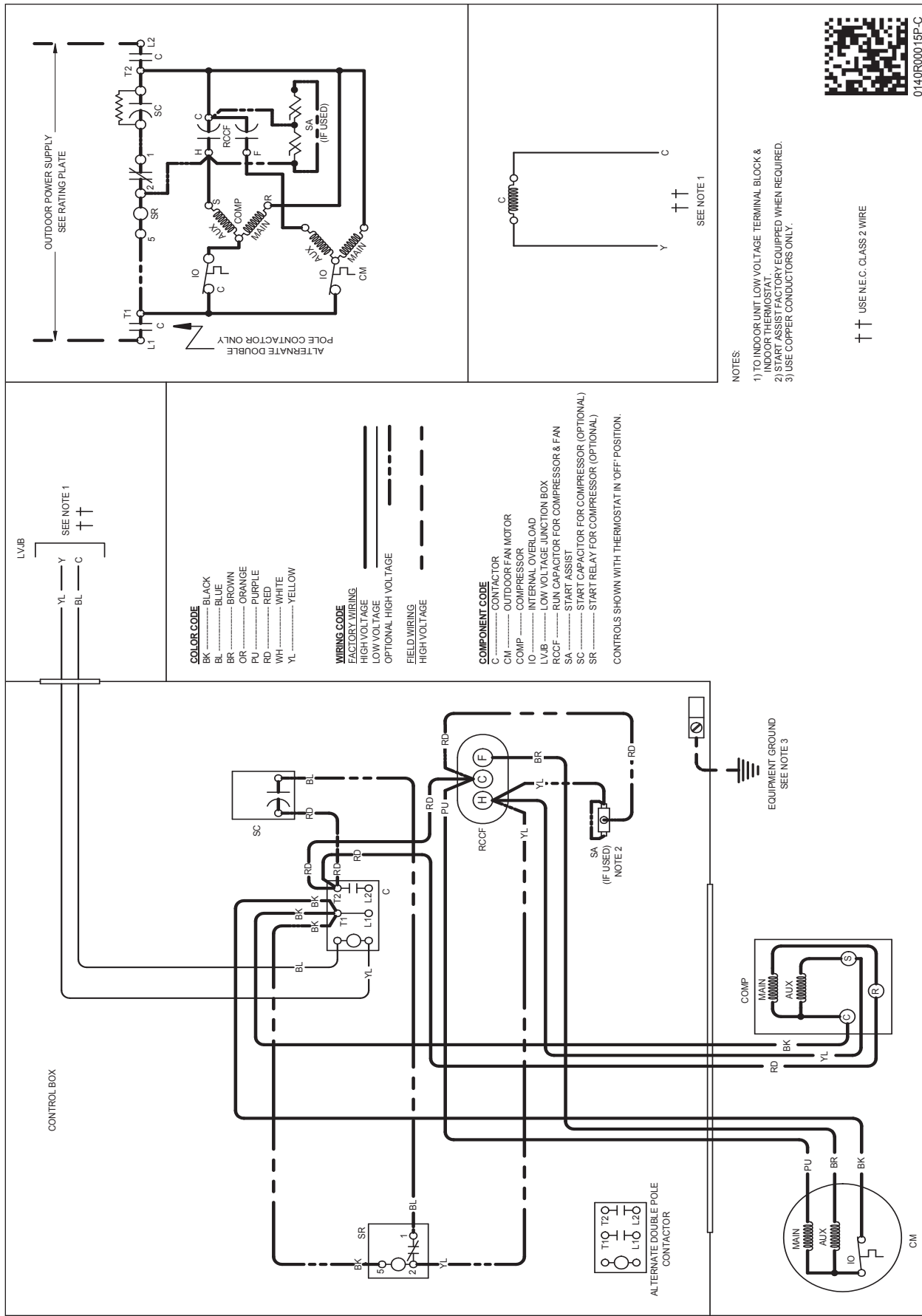
0140R00258-B

See Notes on Page 71.



**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.



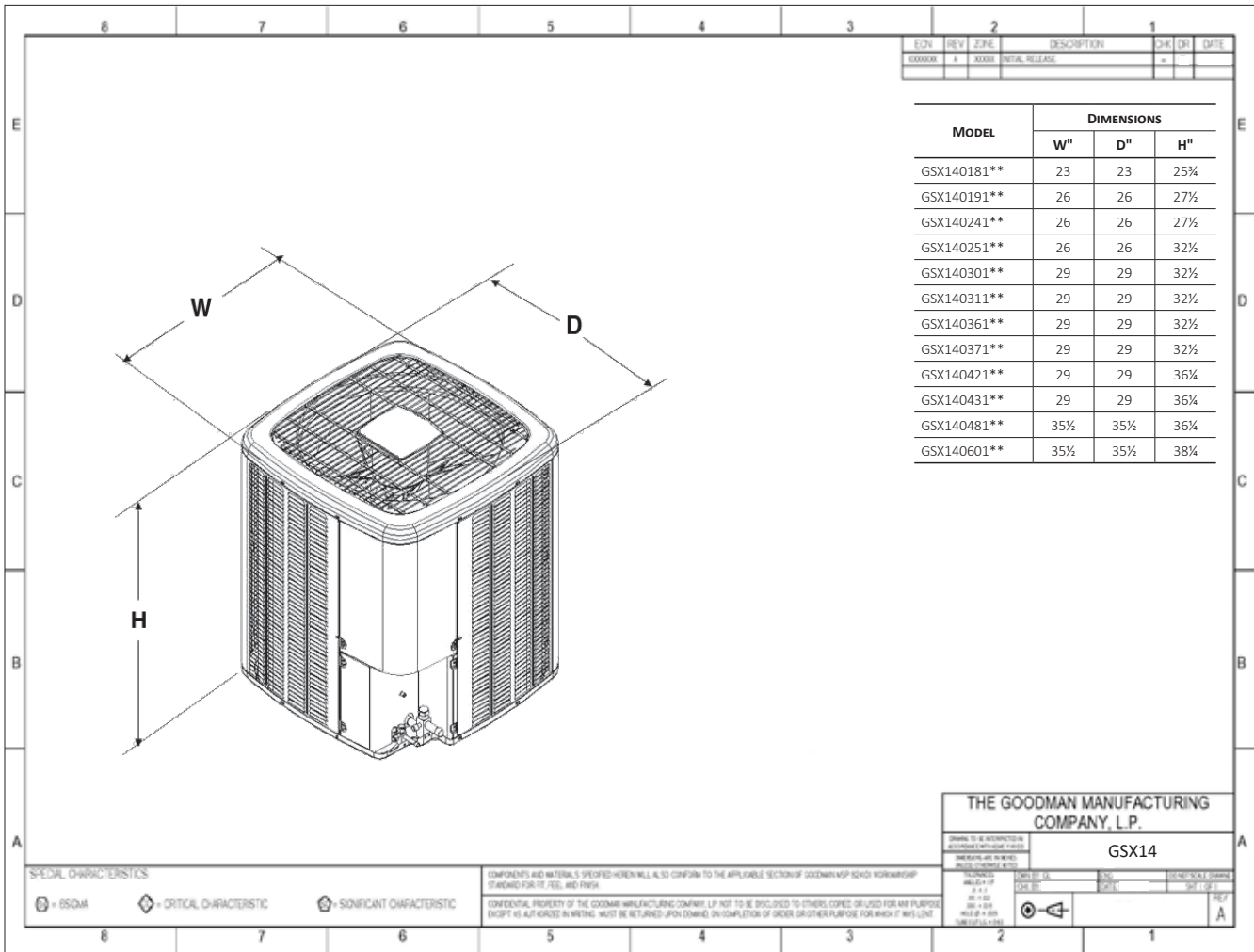
Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

**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



## ACCESSORIES

MODEL #	DESCRIPTION	GSX14 018**	GSX14 019**	GSX14 024/25**	GSX14 030/31**	GSX14 036/37**	GSX14 042/43**	GSX14 048**	GSX14 060**
ABK-20	Anchor Bracket Kit ^		X	X	X	X	X	X	X
ABK-21	Anchor Bracket Kit ^	X							
ASC-01	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 <sup>1</sup>	Freeze Protection Kit	X		X	X	X	X	X	X
LSK02A <sup>2</sup>	Liquid Line Solenoid Kit	X		X	X	X	X	X	X
LAKT01A	Low-Ambient Kit	X		X	X	X	X	X	X
0130R00000S	Low-Pressure Switch Kit	X		X	X	X	X	X	X
TX2N4A <sup>2</sup>	TXV Kit	X		X					
TX3N4 <sup>2</sup>	TXV Kit				X	X			
TX5N4 <sup>2</sup>	TXV Kit						X	X	X

<sup>^</sup> Contains 20 brackets; four brackets needed to anchor unit to pad

<sup>1</sup> Installed on indoor coil

<sup>2</sup> Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with rotary compressors require start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device.

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