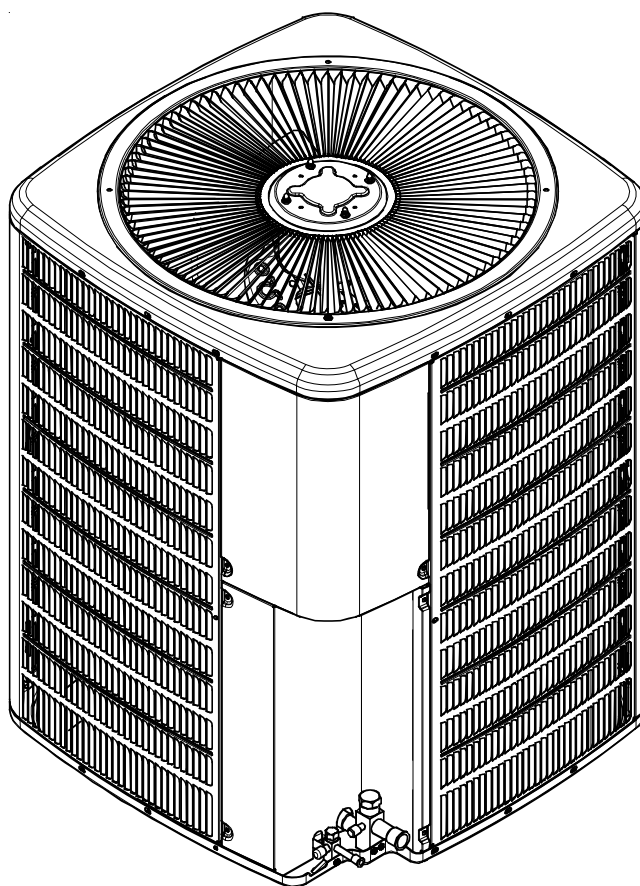




TECHNICAL MANUAL

GSC 14 SEER Condensing Units

- Refer to Service Manual RS6100004 for installation, operation, and troubleshooting information.
- All safety information must be followed as provided in the Service Manual.
- Refer to the appropriate Parts Catalog for part number information.
- Models listed on opage 3.

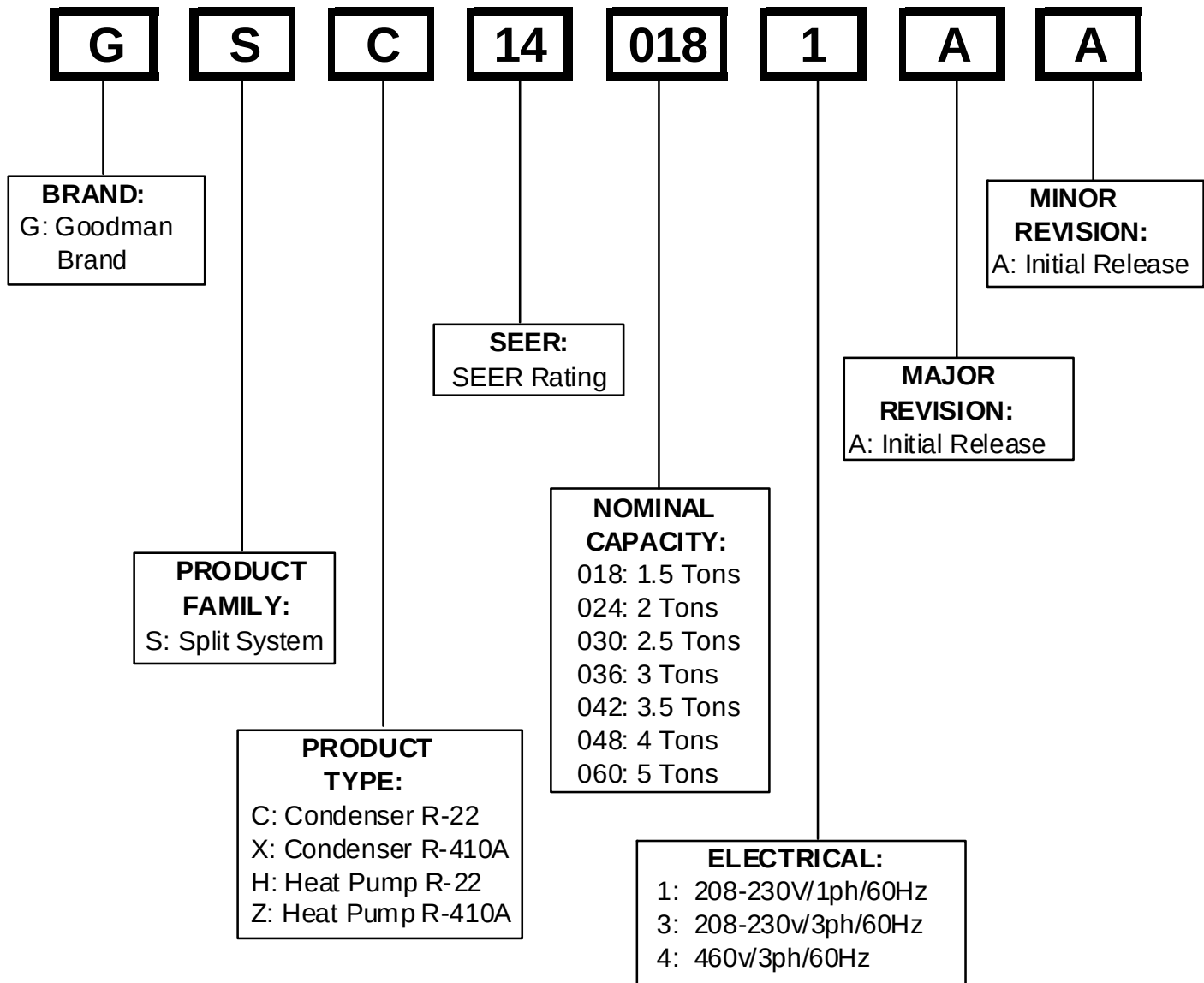


This manual is to be used by qualified, professionally trained HVAC technicians only. Goodman does not assume any responsibility for property damage or personal injury due to improper service procedures or services performed by an unqualified person.

RT6113002r5
August 2009

PRODUCT IDENTIFICATION

The model number is used for positive identification of component parts used in manufacturing. Please use this number when requesting service or parts information.



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.



WARNING

Goodman will not be responsible for any injury or property damage arising from improper service or service procedures. If you install or perform service on this unit, you assume responsibility for any personal injury or property damage which may result. Many jurisdictions require a license to install or service heating and air conditioning equipment.

WARNING

Installation and repair of this unit should be performed ONLY by individuals meeting the requirements of an "entry level technician" as specified by the Air-Conditioning, Heating, and Refrigeration Institute (AHRI). Attempting to install or repair this unit without such background may result in product damage, personal injury or death.

PRODUCT IDENTIFICATION

The model number is used for positive identification of component parts used in manufacturing. Please use this number when requesting service or parts information.

GSC140181A*
GSC140241A*
GSC140301A*
GSC140361A*
GSC140421A*
GSC140481A*
GSC140601A*

GSC140181B*
GSC140241B*
GSC140301B*
GSC140361B*
GSC140421B*

** Indicates minor revision & is not used for order entry or inventory management*

WARNING

The United States Environmental Protection Agency ("EPA") has issued various regulations regarding the introduction and disposal of refrigerants introduced into this unit. Failure to follow these regulations may harm the environment and can lead to the imposition of substantial fines. These regulations may vary by jurisdiction. Should questions arise, contact your local EPA office.

WARNING

Do not connect or use any device that is not design certified by Goodman for use with this unit. Serious property damage, personal injury, reduced unit performance and/or hazardous conditions may result from the use of such non-approved devices.

WARNING

To prevent the risk of property damage, personal injury, or death, do not store combustible materials or use gasoline or other flammable liquids or vapors in the vicinity of this appliance.

PRODUCT DESIGN

GSC 14 SEER models are available in 1 1/2 through 5 ton sizes. They are designed for 208/230 volt single phase applications.

The condenser air is pulled through the condenser coil by a direct drive propeller fan. This condenser air is then discharged out of the top of the cabinet.

These units are designed for free air discharge, so no additional resistance like duct work shall be attached.

The suction and liquid line connections on present models are of the sweat type for field piping with refrigerant type copper. Back seating valves are factory installed to accept the field run copper. The total refrigerant charge for a normal installation is factory installed in the condensing unit. GSC units are charged for the matching evaporator coil and a 15 foot refrigerant line set.

Systems should be properly sized by heat gain and loss calculations made according to methods of the Air Conditioning Contractors Association (ACCA) or equivalent. It is the contractors responsibility to ensure the system has adequate capacity to heat or cool the conditioned space.

GSC14 condensing units use Copeland Compliant® Scroll compressors. Due to their design Scroll compressors are inherently more tolerant of liquid refrigerant.

NOTE: Even though the compressor section of a Scroll compressor is more tolerant of liquid refrigerant, continued flood-back or flooded start conditions may wash oil from the bearing surfaces causing premature bearing failure.

Copeland Compliant® Scroll compressors use white oil which is compatible with 3GS. 3GS oil may be used if additional oil is required.

The GSC condensers use new generation scroll compressors. These compressors have an internal equalization mechanism and an anti-counter rotation device which allow the scrolls to equalize in approximately 1/2 second at shut down.

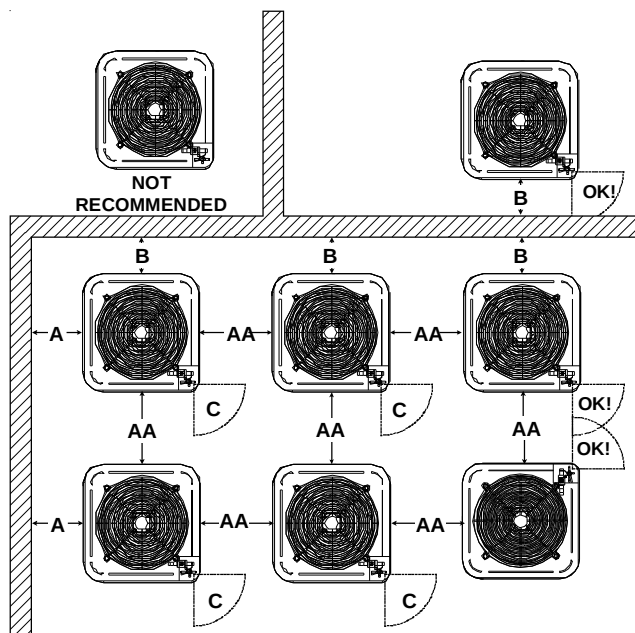
Operating pressures, amp draws and minimum circuit amperage may differ from standard reciprocating compressors. This information may be found in the "Cooling Performance Data" section and should be reviewed prior to installation of the condenser.

Special consideration must be given to location of the condensing unit(s) in regard to structures, obstructions, other units, and any/all other factors that may interfere with air circulation. Where possible, the top of the unit should be completely unobstructed; however, if vertical conditions require placement beneath an obstruction **there should be a minimum of 60 inches between the top of the unit and the obstruction(s)**. The specified dimensions meet requirements for air circulation only. Consult all appropriate regulatory codes prior to determining final clearances.

Another important consideration in selecting a location for the unit(s) is the angle to obstructions. Either side adjacent the valves can be placed toward the structure provided the side away from the structure maintains minimum service clearance. Corner installations are strongly discouraged.

DO **NOT** locate the unit:

- Directly under a vent termination for a gas appliance.
- Within 3 feet of a clothes dryer vent.
- Where the refreezing of defrost water would create a hazard.
- Where water may rise into the unit.



Minimum Airflow Clearance				
Model Type	A	B	C	AA
Residential	10"	10"	18"	20"
Light Commercial	12"	12"	18"	24"

Model	Dimensions - W x D x H
GSC140181A*	26 x 26 x 32 1/4
GSC140241A*	26 x 26 x 32 1/4
GSC140301A*	29 x 29 x 32 1/4
GSC140361A*	29 x 29 x 34 1/4
GSC140421A*	35 1/2 x 35 1/2 x 38 1/4
GSC140481A*	35 1/2 x 35 1/2 x 38 1/4
GSC140601A*	35 1/2 x 35 1/2 x 38 1/4

GSC140181B*	26 x 26 x 32 1/4
GSC140241B*	26 x 26 x 32 1/4
GSC140301B*	29 x 29 x 32 1/4
GSC140361B*	29 x 29 x 32 1/4
GSC140421B*	29 x 29 x 38 1/4

CONDENSING UNIT SPECIFICATIONS

GSC140181A* - GSC140601A*

	GSC140181A*	GSC140241A*	GSC140301A*	GSC140361A*	GSC140421A*	GSC140481A*	GSC140601A*
Cooling Capacity, BTUH	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Compressor	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
R.L. Amps	7.7	10.4	12.2	14.1	14.7	19.2	19.8
L.R. Amps	40.3	54.0	63.0	68.0	77.0	104.0	137.0
Condenser Fan Motor							
Horsepower	1/12	1/12	1/6	1/4	1/4	1/4	1/4
F.L. Amps	0.6	0.6	1.1	1.5	1.5	1.5	1.5
Liquid Line, Inches O.D.*	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line, Inches O.D.*	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
Power Supply	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity ⁽¹⁾	10.2	13.7	16.3	19.1	19.9	25.5	26.3
Maximum Overcurrent Device ⁽²⁾	15	20	20	30	30	40	40
Electrical Conduit Size							
Power Supply (Inches)	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
Approximate Shipping Weight	173	173	208	209	258	270	271

* Up to 35' in equivalent line length

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

⁽²⁾ Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

REFRIGERANT CHARGE

REVISION	GSC140181A*	GSC140241A*	GSC140301A*	GSC140361A*	GSC140421A*	GSC140481A*	GSC140601A*
AA	130.0	135.0	140.0	155.0	180.0	195.0	285.0
AB	130.0	135.0	140.0	155.0	180.0	195.0	255.0
AC	124.0	129.0	140.0	155.0	180.0	195.0	285.0
AD			134.0	149.0	174.0	189.0	249.0
AE			134.0	149.0	174.0	187.0	277.0

NOTE: This data is provided as a guide, it is important to electrically connect the unit and properly size fuses/ circuit breakers and wires in accordance with all national and/or local electrical codes. Use copper wire only.

CONDENSING UNIT SPECIFICATIONS

GSC140181B* - GSC140421B*

	GSC140181B*	GSC140241B*	GSC140301B*	GSC140361B*	GSC140421B*
Cooling Capacity, BTUH	18,000	24,000	30,000	36,000	42,000
Compressor	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
R.L. Amps	7.7	10.4	12.2	14.1	14.7
L.R. Amps	40.3	54.0	63.0	68.0	77.0
Condenser Fan Motor					
Horsepower	1/12	1/6	1/6	1/6	1/4
F.L. Amps	0.6	1.1	1.1	1.1	1.5
Liquid Line, Inches O.D.*	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line, Inches O.D.*	3/4"	3/4"	3/4"	7/8"	7/8"
Refrigerant Charge	77	80	91	103	130
Power Supply	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity ⁽¹⁾	10.2	14.1	16.4	18.7	19.9
Maximum Overcurrent Device ⁽²⁾	15	20	20	30	30
Electrical Conduit Size					
Power Supply (Inches)	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
Approximate Shipping Weight	141	145	154	159	174

* Up to 35' in equivalent line length

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

⁽²⁾ Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

NOTE: This data is provided as a guide, it is important to electrically connect the unit and properly size fuses/ circuit breakers and wires in accordance with all national and/or local electrical codes. Use copper wire only.

COOLING PERFORMANCE DATA

GSC140181A*

EXPANDED PERFORMANCE DATA
MODEL: GSC140181A* / CA*F3131*6A* +TXV Design Subcooling @ ARI 95°F Conditions, 9° ±3°F @ the Serv. Valve

		Outdoor Ambient Temperature												COOLING OPERATION												
		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	
70	675	MBh	17.6	18.3	20.0	-	17.2	17.9	19.6	-	16.8	17.4	19.1	-	16.4	17.0	18.6	-	15.6	16.2	17.7	-	14.4	15.0	16.4	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
		Delta T	18	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
		KW	1.27	1.29	1.32	-	1.35	1.37	1.41	-	1.42	1.45	1.49	-	1.48	1.51	1.55	-	1.54	1.56	1.61	-	1.58	1.61	1.66	-
		AMPS	4.0	4.1	4.3	-	4.3	4.4	4.6	-	4.7	4.8	5.0	-	5.0	5.1	5.3	-	5.3	5.5	5.6	-	5.6	5.8	6.0	-
	600	HIPR	134	144	152	-	150	162	171	-	171	184	194	-	195	210	221	-	219	236	249	-	242	261	275	-
		LO PR	64	68	74	-	67	72	78	-	70	74	81	-	73	78	85	-	77	82	89	-	80	85	92	-
		MBh	17.1	17.7	19.4	-	16.7	17.3	19.0	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.1	15.7	17.2	-	14.0	14.5	15.9	-
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
75	675	KW	1.26	1.28	1.31	-	1.34	1.36	1.40	-	1.41	1.44	1.48	-	1.47	1.50	1.54	-	1.52	1.55	1.60	-	1.57	1.60	1.65	-
		AMPS	4.0	4.1	4.2	-	4.3	4.4	4.5	-	4.7	4.8	4.9	-	5.0	5.1	5.3	-	5.3	5.4	5.6	-	5.6	5.7	5.9	-
		HIPR	133	143	151	-	149	160	169	-	169	182	192	-	193	208	219	-	217	233	247	-	240	258	272	-
		LO PR	63	67	73	-	67	71	77	-	69	74	80	-	73	77	84	-	76	81	89	-	79	84	92	-
		MBh	15.8	16.4	17.9	-	15.4	16.0	17.5	-	15.1	15.6	17.1	-	14.7	15.2	16.7	-	14.0	14.5	15.9	-	12.9	13.4	14.7	-
	600	S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.44	-
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		KW	1.23	1.26	1.29	-	1.31	1.34	1.37	-	1.38	1.41	1.44	-	1.44	1.47	1.51	-	1.49	1.52	1.56	-	1.54	1.57	1.61	-
		AMPS	3.9	4.0	4.1	-	4.2	4.3	4.4	-	4.5	4.6	4.8	-	4.8	5.0	5.1	-	5.1	5.3	5.4	-	5.4	5.6	5.7	-
		HIPR	129	138	146	-	144	155	164	-	164	177	187	-	187	201	213	-	210	226	239	-	233	250	264	-
		LO PR	61	65	71	-	65	69	75	-	67	71	78	-	71	75	82	-	74	79	86	-	76	81	89	-
525	675	MBh	17.9	18.5	20.0	21.5	17.5	18.0	19.5	21.0	17.1	17.6	19.1	20.5	16.7	17.2	18.6	20.0	15.9	16.3	17.7	19.0	14.7	15.1	16.4	
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	
		Delta T	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11	19	18	14	
		KW	1.28	1.30	1.33	1.37	1.36	1.38	1.42	1.46	1.43	1.46	1.50	1.54	1.49	1.52	1.56	1.61	1.55	1.58	1.62	1.67	1.59	1.62	1.67	
		AMPS	4.1	4.2	4.3	4.4	4.4	4.5	4.6	4.8	4.7	4.9	5.0	5.2	5.1	5.2	5.3	5.5	5.4	5.5	5.7	5.9	5.7	5.8	6.0	
	600	HIPR	135	146	154	160	152	163	173	180	173	186	196	205	197	212	224	233	221	238	252	262	245	263	278	
		LO PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	86	93	
		MBh	17.4	17.9	19.4	20.8	17.0	17.5	19.0	20.3	16.6	17.1	18.5	19.9	16.2	16.7	18.1	19.4	15.4	15.8	17.2	18.4	14.3	14.7	15.9	
		S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.37	0.87	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	
		Delta T	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	20	16	11	20	18	15	
75	675	KW	1.27	1.29	1.32	1.36	1.35	1.37	1.41	1.45	1.42	1.45	1.49	1.53	1.48	1.51	1.55	1.60	1.54	1.57	1.61	1.66	1.58	1.61	1.66	
		AMPS	4.0	4.1	4.3	4.4	4.3	4.4	4.6	4.8	4.7	4.8	5.0	5.2	5.0	5.1	5.3	5.5	5.3	5.5	5.6	5.8	5.6	5.8	6.0	
		HIPR	134	144	152	159	150	162	171	178	171	184	194	203	195	210	221	231	219	236	249	260	242	261	275	
		LO PR	64	68	74	79																				

COOLING PERFORMANCE DATA

GSC140181A*

EXPANDED PERFORMANCE DATA

MODEL: GSC140181A* / CA*F3131*6A* +TXV Design Subcooling @ ARI 95°F Conditions, 9° ±3°F @ the Serv. Valve

COOLING OPERATION

Outdoor Ambient Temperature																							
65				75				85				95				105				115			
IDB*	Airflow	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		
80	675	MBh	18.3	18.7	19.9	21.3	17.8	18.2	19.5	20.8	17.4	17.8	19.0	20.3	17.0	17.4	18.5	19.8	16.1	16.5	17.6	18.8	
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	
		KW	1.28	1.31	1.34	1.38	1.37	1.39	1.43	1.47	1.44	1.47	1.51	1.55	1.50	1.53	1.58	1.62	1.56	1.59	1.63	1.68	
		AMPS	4.1	4.2	4.3	4.5	4.4	4.5	4.7	4.8	4.8	4.9	5.1	5.2	5.1	5.2	5.4	5.6	5.4	5.6	5.7	5.9	
		HI PR	137	147	155	162	153	165	174	182	174	188	198	207	199	214	226	236	224	241	254	265	
		LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	
		MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3	
		S/T	0.87	0.81	0.66	0.49	0.90	0.84	0.69	0.51	0.92	0.86	0.70	0.53	0.95	0.89	0.73	0.54	0.99	0.92	0.75	0.56	
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	
600	KW	1.28	1.30	1.33	1.37	1.36	1.38	1.42	1.46	1.43	1.46	1.50	1.54	1.49	1.52	1.56	1.61	1.55	1.58	1.62	1.67		
	AMPS	4.1	4.2	4.3	4.4	4.4	4.5	4.6	4.8	4.7	4.9	5.0	5.2	5.1	5.2	5.4	5.5	5.4	5.5	5.7	5.9		
	HI PR	135	146	154	160	152	163	173	180	173	186	196	205	197	212	224	232	221	238	252	262		
	LO PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96		
	MBh	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	15.2	15.6	16.6	17.8	14.5	14.8	15.8	16.9		
	S/T	0.84	0.78	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54		
	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16		
	KW	1.25	1.27	1.31	1.34	1.33	1.35	1.39	1.43	1.40	1.43	1.46	1.51	1.46	1.49	1.53	1.57	1.51	1.54	1.59	1.63		
	AMPS	4.0	4.1	4.2	4.3	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.1	4.9	5.0	5.2	5.4	5.2	5.4	5.5	5.7		
	HI PR	131	141	149	156	147	159	167	175	168	180	190	199	191	205	217	226	215	231	244	254		
LO PR	62	66	72	77	66	70	77	82	69	73	80	85	72	77	84	89	75	80	88	93			
85	675	MBh	18.6	18.9	19.8	21.2	18.1	18.5	19.4	20.7	17.7	18.1	18.9	20.2	17.3	17.6	18.4	19.7	16.4	16.7	17.5	18.7	
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	
		Delta T	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	22	23	23	20	
		KW	1.29	1.32	1.35	1.39	1.38	1.40	1.44	1.48	1.45	1.48	1.52	1.56	1.51	1.54	1.59	1.63	1.57	1.60	1.65	1.69	
		AMPS	4.1	4.2	4.4	4.5	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.4	5.6	5.5	5.6	5.8	6.0	
		HI PR	138	149	157	164	155	167	176	184	176	190	200	209	201	216	228	238	226	243	257	268	
		LO PR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	79	84	92	98	
		MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	
		Delta T	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	24	25	23	20	
600	KW	1.28	1.31	1.34	1.38	1.37	1.39	1.43	1.47	1.44	1.47	1.51	1.55	1.50	1.53	1.58	1.62	1.56	1.59	1.63	1.68		
	AMPS	4.1	4.2	4.3	4.5	4.4	4.5	4.7	4.8	4.8	4.9	5.1	5.2	5.1	5.2	5.4	5.6	5.4	5.6	5.7	5.9		
	HI PR	137	147	155	162	153	165	174	182	174	188	198	207	199	214	226	236	224	241	254	265		
	LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97		
	MBh	16.6	17.0	17.8	19.0	16.3	16.6	17.4	18.5	15.9	16.2	16.9	18.1	15.5	15.8	16.5	17.6	14.7	15.0	15.7	16.8		
	S/T	0.88	0.84	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70		
	Delta T	26	25	24	21	26	25	24	21	26	25	24	21	26	26	24	21	26	25	24	21		
	KW	1.26	1.28	1.31	1.35	1.34	1.36	1.40	1.44	1.41	1.44	1.47	1.52	1.47	1.50	1.54	1.59	1.52	1.55	1.60	1.64		
	AMPS	4.0	4.1	4.2	4.4	4.3	4.4	4.5	4.7	4.7	4.8	4.9	5.1	5.0	5.1	5.3	5.4	5.3	5.4	5.6	5.8		
	HI PR	133	143	151	157	149	160	169	176	169	182	192	201	193	207	219	228	217	233	246	257		
LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	89	94			
525	MBh	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	15.2	15.6	16.6	17.8	14.5	14.8	15.8	16.9		
	S/T	0.84	0.78	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54		
	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16		
	KW	1.25	1.27	1.31	1.34	1.33	1.35	1.39	1.43	1.40	1.43	1.46	1.51	1.46	1.49	1.53	1.57	1.51	1.54	1.59	1.63		
	AMPS	4.0	4.1	4.2	4.3	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.1	4.9	5.0	5.2	5.4	5.2	5.4	5.5	5.7		
	HI PR	131	141	149	156	147	159	167	175	168	180	190	199	191	205	217	226	215	231	244	254		
	LO PR	62	66	72	77	66	70	77	82	69	73	80	85	72	77	84	89	75	80	88	93		
	MBh	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	15.2	15.6	16.6	17.8	14.5	14.8	15.8	16.9		
	S/T	0.84	0.78	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54		
	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16		
675	KW	1.25	1.27	1.31	1.34	1.33	1.35	1.39	1.43	1.40	1.43	1.46	1.51	1.46	1.49	1.53	1.57	1.51	1.54	1.59	1.63		
	AMPS	4.0	4.1	4.2	4.3	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.1	4.9	5.0	5.2	5.4	5.2	5.4	5.5	5.7		
	HI PR	131	141	149	156	147	159	167	175	168	180	190	199	191	205	217	226	215	231	244	254		
	LO PR	62	66	72	77	66	70	77	82	69	73	80	85	72	77	84	89	75	80	88	93		
	MBh	18.6	18.9	19.8	21.2	18.1	18.5	19.4	20.7	17.7	18.1	18.9	20.2	17.3	17.6	18.4	19.7	16.4	16.7	17.5	18.7		
	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77		
	Delta T	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	22	23	23	20		
	KW	1.29	1.32	1.35	1.39	1.38	1.40	1.44	1.48	1.45	1.48	1.52	1.56	1.51	1.54	1.59	1.63	1.57	1.60	1.65	1.69		
	AMPS	4.1	4.2	4.4	4.5	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.4	5.6	5.5	5.6	5.8	6.0		
	HI PR	138	149	157	164	155	167	176	184	176	190	200	209	201	216	228	238	226	243	257	268		
600	LO PR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	79	84	92	98		
	MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2		
	S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73		
	Delta T	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	24	25	23	20		
	KW	1.28	1.31	1.34	1.38	1.37	1.39	1.43	1.47	1.44	1.47	1.51	1.55	1.50	1.53	1.58	1.62	1.56	1.59	1.63	1.68		
	AMPS	4.1	4.2	4.3	4.5	4.4	4.5	4.7	4.8	4.8	4.9	5.1	5.2	5.1	5.2	5.4	5.6	5.4	5.6	5.7	5.9		
	HI PR	137	147	155	162	153	165	174	182	174	188	198	207	199	214	226	236	224	241	254	265		
	LO PR																						

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

GSC140181B*

COOLING OPERATION

MODEL: GSC140181B* / CA*F3131*6**+EEP

			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	675	MBh	17.6	18.3	20.0	-	17.2	17.9	19.6	-	16.8	17.4	19.1	-	16.4	17.0	18.6	-	15.6	16.2	17.7	-	14.4	15.0	16.4	-	14.4	15.0	16.4	-								
		ST	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-								
		Delta T	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-	17	14	11	-								
		KW	1.20	1.22	1.25	-	1.28	1.30	1.34	-	1.35	1.38	1.42	-	1.42	1.45	1.49	-	1.47	1.50	1.55	-	1.52	1.55	1.60	-	1.52	1.55	1.60	-								
		AMPS	4.0	4.1	4.3	-	4.4	4.5	4.6	-	4.7	4.8	5.0	-	5.0	5.1	5.3	-	5.3	5.5	5.6	-	5.6	5.8	6.0	-	5.6	5.8	6.0	-								
		HI PR	132	142	150	-	148	159	168	-	168	181	191	-	192	206	218	-	216	232	245	-	238	256	271	-	238	256	271	-								
		LO PR	63	67	73	-	66	71	77	-	69	73	80	-	72	77	84	-	76	81	88	-	79	84	91	-	79	84	91	-								
525	600	MBh	17.1	17.7	19.4	-	16.7	17.3	19.0	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.1	15.7	17.2	-	14.0	14.5	15.9	-	14.0	14.5	15.9	-								
		ST	0.70	0.58	0.40	-	0.72	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-								
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-								
		KW	1.19	1.21	1.25	-	1.27	1.30	1.33	-	1.34	1.37	1.41	-	1.41	1.43	1.48	-	1.46	1.49	1.53	-	1.51	1.54	1.58	-	1.51	1.54	1.58	-								
		AMPS	4.0	4.1	4.2	-	4.3	4.4	4.6	-	4.7	4.8	4.9	-	5.0	5.1	5.3	-	5.3	5.4	5.6	-	5.6	5.7	5.9	-	5.6	5.7	5.9	-								
		HI PR	131	140	148	-	146	158	166	-	167	179	189	-	190	204	216	-	213	230	243	-	236	254	268	-	236	254	268	-								
		LO PR	62	66	72	-	66	70	76	-	68	73	79	-	72	76	83	-	75	80	87	-	78	83	90	-	78	83	90	-								
		MBh	15.8	16.4	17.9	-	15.4	16.0	17.5	-	15.1	15.6	17.1	-	14.7	15.2	16.7	-	14.0	14.5	15.9	-	12.9	13.4	14.7	-	12.9	13.4	14.7	-								
		ST	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.77	0.65	0.45	-	0.77	0.65	0.45	-								
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	13	-	19	16	12	-	18	15	12	-	18	15	12	-								
		KW	1.16	1.19	1.22	-	1.24	1.27	1.30	-	1.31	1.34	1.38	-	1.37	1.40	1.44	-	1.43	1.46	1.50	-	1.47	1.50	1.55	-	1.47	1.50	1.55	-								
		AMPS	3.9	4.0	4.1	-	4.2	4.3	4.4	-	4.6	4.7	4.8	-	4.9	5.0	5.1	-	5.2	5.3	5.4	-	5.4	5.6	5.8	-	5.4	5.6	5.8	-								
		HI PR	127	136	144	-	142	153	161	-	162	174	184	-	184	198	209	-	207	223	235	-	229	246	260	-	229	246	260	-								
		LO PR	60	64	70	-	64	68	74	-	66	70	77	-	70	74	81	-	73	78	85	-	75	80	88	-	75	80	88	-								

675	MBh	17.9	18.5	20.0	21.5	17.5	18.0	19.5	21.0	17.1	17.6	19.1	20.5	16.7	17.2	18.6	20.0	15.9	16.3	17.7	19.0	14.7	15.1	16.4	17.6
	S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.38	0.89	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
	Delta T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	20	19	15	11	19	18	14	10
	KW	1.21	1.23	1.26	1.30	1.29	1.31	1.35	1.39	1.36	1.39	1.43	1.47	1.43	1.46	1.50	1.55	1.48	1.51	1.56	1.61	1.53	1.56	1.61	1.66
	AMPS	4.1	4.2	4.3	4.5	4.4	4.5	4.6	4.8	4.8	4.9	5.0	5.2	5.1	5.2	5.4	5.6	5.4	5.5	5.7	5.9	5.7	5.8	6.0	6.2
	HIPR	133	143	151	158	149	161	170	177	170	183	193	201	194	208	220	229	218	234	247	258	241	259	273	285
	LO PR	63	67	74	78	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	84	92	98
600	MBh	17.4	17.9	19.4	20.8	17.0	17.5	19.0	20.3	16.6	17.1	18.5	19.9	16.2	16.7	18.1	19.4	15.4	15.8	17.2	18.4	14.3	14.7	15.9	17.1
	S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40
	Delta T	21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
	KW	1.20	1.22	1.26	1.29	1.28	1.31	1.34	1.38	1.35	1.38	1.42	1.46	1.42	1.45	1.49	1.53	1.47	1.50	1.55	1.59	1.52	1.55	1.60	1.65
	AMPS	4.0	4.1	4.3	4.4	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.2	5.0	5.1	5.3	5.5	5.3	5.5	5.6	5.9	5.6	5.8	6.0	6.2
	HIPR	132	142	150	156	148	159	168	175	168	181	191	199	192	206	218	227	216	232	245	256	238	256	271	282
	LO PR	63	67	73	78	66	71	77	82	69	73	80	85	72	77	84	90	76	81	88	94	79	84	91	97
525	MBh	16.1	16.5	17.9	19.2	15.7	16.2	17.5	18.8	15.3	15.8	17.1	18.3	15.0	15.4	16.7	17.9	14.2	14.6	15.8	17.0	13.2	13.5	14.7	15.7
	S/T	0.77	0.69	0.52	0.33	0.79	0.71	0.54	0.35	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.88	0.79	0.60	0.38
	Delta T	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11
	KW	1.17	1.19	1.23	1.26	1.25	1.28	1.31	1.35	1.32	1.35	1.39	1.43	1.38	1.41	1.45	1.50	1.44	1.47	1.51	1.56	1.48	1.51	1.56	1.61
	AMPS	3.9	4.0	4.2	4.3	4.2	4.3	4.5	4.6	4.6	4.7	4.8	5.0	4.9	5.0	5.2	5.4	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0
	HIPR	128	138	145	152	144	154	163	170	163	176	185	193	186	200	211	220	209	225	238	248	231	249	263	274
	LO PR	61	65	71	75	64	68	75	80	67	71	78	83	70	75	82	87	74	78	86	91	76	81	88	94

NOTE: Shaded area is ACCA (IVA) conditions

COOLING PERFORMANCE DATA

GSC140181B*

EXPANDED PERFORMANCE DATA

MODEL: GSC140181B* / CA*F3131*6**+EEP

COOLING OPERATION

		Outdoor Ambient Temperature																													
		65					75					85					95					105					115				
IDB*	Airflow	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
80	675	MBh	18.3	18.7	19.9	21.3	17.8	18.2	19.5	20.8	17.4	17.8	19.0	20.3	17.0	17.4	18.5	19.8	16.1	16.5	17.6	18.8	14.9	15.3	16.3	17.4	10.0	1.00	1.00	0.80	0.60
		ST	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	1.00	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.80	0.60	1.00	1.00	0.79	0.59	1.00
		Delta T	23	22	19	15	23	22	19	15	24	22	19	15	23	22	19	15	22	22	19	15	20	21	18	14	20	21	18	14	14
		KW	1.22	1.24	1.27	1.31	1.30	1.32	1.36	1.40	1.37	1.40	1.44	1.49	1.44	1.47	1.51	1.56	1.49	1.52	1.57	1.62	1.54	1.57	1.62	1.67	1.54	1.57	1.62	1.67	1.67
		AMPS	4.1	4.2	4.3	4.5	4.4	4.5	4.7	4.8	4.8	4.9	5.1	5.3	5.1	5.2	5.4	5.6	5.4	5.6	5.7	6.0	5.7	5.9	6.1	6.3	5.7	5.9	6.1	6.3	6.3
	600	HI PR	135	145	153	159	151	162	172	179	172	185	195	203	196	210	222	232	220	237	250	261	243	262	276	288	243	262	276	288	288
		LO PR	64	68	74	79	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99	77	82	90	96	99
		MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3	14.5	14.8	15.8	16.9	10.0	0.94	0.76	0.57	0.57
		ST	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57	1.00	0.94	0.76	0.57	0.57
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15	22	21	19	15	15
85	675	KW	1.21	1.23	1.26	1.30	1.29	1.31	1.35	1.39	1.36	1.39	1.43	1.47	1.43	1.46	1.50	1.55	1.48	1.51	1.56	1.61	1.53	1.56	1.61	1.66	1.53	1.56	1.61	1.66	1.66
		AMPS	4.1	4.2	4.3	4.5	4.4	4.5	4.6	4.8	4.8	4.9	5.0	5.2	5.1	5.2	5.4	5.6	5.4	5.5	5.7	5.9	5.7	5.8	6.0	6.2	5.7	5.8	6.0	6.2	6.2
		HI PR	133	143	151	158	149	161	170	177	170	183	193	201	194	208	220	229	218	234	248	258	241	259	273	285	241	259	273	285	285
		LO PR	63	68	74	78	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	84	92	98	77	82	89	95	98
		MBh	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	15.2	15.6	16.6	17.8	14.5	14.8	15.8	16.9	13.4	13.7	14.6	15.6	10.0	0.90	0.73	0.55	0.55
	600	ST	0.84	0.79	0.64	0.48	0.87	0.82	0.67	0.50	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.53	0.96	0.90	0.73	0.55	0.97	0.91	0.74	0.55	1.00	0.91	0.74	0.55	0.55
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	24	23	20	16	23	22	19	15	23	22	19	15	15
		KW	1.18	1.20	1.24	1.27	1.26	1.29	1.32	1.36	1.33	1.36	1.40	1.44	1.40	1.42	1.47	1.51	1.45	1.48	1.52	1.57	1.49	1.53	1.57	1.62	1.49	1.53	1.57	1.62	1.62
		AMPS	4.0	4.1	4.2	4.3	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.1	4.9	5.1	5.2	5.4	5.2	5.4	5.5	5.7	5.5	5.7	5.9	6.1	5.5	5.7	5.9	6.1	6.1
		HI PR	129	139	147	153	145	156	165	172	165	177	187	195	188	202	213	223	211	227	240	250	233	251	265	277	233	251	265	277	277
		LO PR	62	65	71	76	65	69	76	80	68	72	78	84	71	76	82	88	74	79	86	92	77	82	89	95	77	82	89	95	95
90	675	MBh	18.6	18.9	19.8	21.2	18.1	18.5	19.4	20.7	17.7	18.1	18.9	20.2	17.3	17.6	18.4	19.7	16.4	16.7	17.5	18.7	15.2	15.5	16.2	17.3	10.0	1.00	0.95	0.77	0.78
		ST	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	1.00	1.00	0.95	0.77	0.78
		Delta T	24	24	23	20	25	24	23	20	24	24	23	20	24	24	23	20	22	23	23	20	21	21	21	18	22	23	23	20	21
		KW	1.22	1.25	1.28	1.32	1.31	1.33	1.37	1.41	1.38	1.41	1.45	1.50	1.45	1.48	1.52	1.57	1.51	1.54	1.58	1.63	1.55	1.59	1.63	1.69	1.55	1.59	1.63	1.69	1.69
		AMPS	4.2	4.2	4.4	4.5	4.5	4.6	4.7	4.9	4.8	5.0	5.1	5.3	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.4	5.8	5.9	6.1	6.4	6.4
	600	HI PR	136	146	154	161	152	164	173	181	173	187	197	206	197	213	224	234	222	239	252	263	245	264	279	291	245	264	279	291	291
		LO PR	65	69	75	80	68	73	79	85	71	76	83	88	75	79	87	92	78	83	91	97	81	86	94	100	81	86	94	100	100
		MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	14.8	15.0	15.8	16.8	10.0	1.00	0.91	0.74	0.74
		ST	0.91	0.88	0.80	0.65	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74	0.74
		Delta T	25	25	23	20	26	25	24	21	26	25	24	21	26	25	24	21	24	25	24	20	23	23	22	19	23	23	22	19	19
95	675	KW	1.22	1.24	1.27	1.31	1.30	1.32	1.36	1.40	1.37	1.40	1.44	1.49	1.44	1.47	1.51	1.56	1.49	1.52	1.57	1.62	1.54	1.57	1.62	1.67	1.54	1.57	1.62	1.67	1.67
		AMPS	4.1	4.2	4.3	4.5	4.4	4.5	4.7	4.8	4.8	4.9	5.1	5.3	5.1	5.2	5.4	5.6	5.4	5.6	5.7	6.0	5.7	5.9	6.1	6.3	5.7	5.9	6.1	6.3	6.3
		HI PR	135	145	153	159	151	162	172	179	172	185	195	203	196	210	222	232	220	237	250	261	243	262	276	288	243	262	276	288	288
		LO PR	64	68	74	79	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99	77	82	90	96	99
		MBh	16.6	17.0	17.8	19.0	16.3	16.6	17.4	18.5	15.9	16.2	16.9	18.1	15.5	15.8	16.5	17.6	14.7	15.0	15.7	16.8	13.6	13.9	14.5	15.5	10.0	0.98	0.88	0.71	0.71
	600	ST	0.88	0.85	0.77	0.62	0.91	0.88	0.80	0.65	0.94	0.90	0.82	0.66	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.98	0.88	0.71	1.00	0.97	0.87	0.71	0.71
		Delta T	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	24	25	24	21	24	24	22	19	24	24	22	19	19
		KW	1.19	1.21	1.25	1.28	1.27	1.30	1.33	1.37	1.34	1.37	1.41	1.45	1.41	1.43	1.48	1.52	1.46	1.49	1.53	1.58	1.51	1.54	1.58	1.63	1.51	1.54	1.58	1.63	1.63
		AMPS	4.0	4.1	4.2	4.4	4.3	4.4	4.6	4.7	4.7	4.8	4.9	5.1	5.0	5.1	5.3	5.5	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.1	5.6	5.7	5.9	6.1	6.1
		HI PR	130	140	148	155	146	158	166	174	167	179	189	197	190	204	216	225	213	230	242	253	236	254	268	279	236	254	268	279	279
		LO PR	62	66	72	77	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96	78	83	90	96	96

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is AHRI Rating Conditions

COOLING PERFORMANCE DATA

GSC140241A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140241A* / CA*F3636*6A* / .061 Orifice, Design Superheat @ ARI 95°F conditions, 5° ±2°F @ the Serv. Vlv.

		Outdoor Ambient Temperature																							
		65				75				85				95				105				115			
IDB*	Airflow	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				
70	900	MBh	23.6	24.5	26.8	-	23.0	23.8	26.1	-	22.5	23.3	25.6	-	21.9	22.7	24.8	-	20.8	21.5	23.6	-			
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.47	-	0.84	0.70	0.48	-			
		Delta T	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-			
		KW	1.63	1.66	1.71	-	1.74	1.78	1.83	-	1.85	1.88	1.94	-	1.94	1.98	2.04	-	2.01	2.06	2.12	-			
		AMPS	5.7	5.8	6.0	-	6.1	6.3	6.5	-	6.7	6.8	7.1	-	7.1	7.3	7.5	-	7.6	7.8	8.0	-			
		HI PR	143	154	163	-	161	173	183	-	183	197	208	-	208	224	237	-	234	252	266	-			
	LO PR	64	68	74	-	67	72	78	-	70	75	81	-	74	78	86	-	77	82	90	-				
70	800	MBh	22.9	23.8	26.0	-	22.3	23.1	25.3	-	21.9	22.7	24.8	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-			
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.67	0.46	-			
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-			
		KW	1.62	1.65	1.70	-	1.73	1.77	1.82	-	1.83	1.87	1.93	-	1.92	1.96	2.02	-	2.00	2.04	2.10	-			
		AMPS	5.6	5.8	6.0	-	6.1	6.2	6.4	-	6.6	6.8	7.0	-	7.1	7.2	7.5	-	7.5	7.7	8.0	-			
		HI PR	142	153	161	-	159	171	181	-	181	195	206	-	206	222	235	-	232	250	264	-			
	LO PR	63	67	73	-	67	71	78	-	69	74	81	-	73	78	85	-	76	81	89	-				
70	700	MBh	21.1	21.9	24.0	-	20.5	21.3	23.3	-	20.1	20.9	22.9	-	19.5	20.2	22.2	-	18.6	19.2	21.1	-			
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.77	0.65	0.45	-			
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	13	-	19	16	12	-			
		KW	1.58	1.61	1.66	-	1.69	1.73	1.78	-	1.79	1.83	1.88	-	1.88	1.92	1.97	-	1.95	1.99	2.05	-			
		AMPS	5.5	5.6	5.8	-	5.9	6.1	6.3	-	6.4	6.6	6.8	-	6.9	7.0	7.3	-	7.3	7.5	7.7	-			
		HI PR	138	148	157	-	155	166	176	-	176	189	200	-	200	215	227	-	225	242	256	-			
	LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-				

COOLING PERFORMANCE DATA

GSC140241A*

EXPANDED PERFORMANCE DATA

MODEL: GSC140241A* / CA°F3636*6A* / .061 Orifice, Design Superheat @ ARI 95°F conditions, 5° ±2°F @ the Serv. Vlv.

COOLING OPERATION

IDB*			Outdoor Ambient Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			65												75												85												95												105												115																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			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	59	63	67	71																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
80	900	MBh	24.5	25.0	26.7	28.5	23.8	24.3	26.0	27.7	23.3	23.8	25.5	27.2	22.6	23.1	24.7	26.4	21.5	22.0	23.5	25.1	19.9	20.4	21.8	23.3	S/T	0.91	0.85	0.69	0.52	0.54	0.96	0.90	0.74	0.55	1.00	0.94	0.77	0.57	1.00	1.00	0.80	0.60	1.00	1.00	0.80	0.60	Delta T	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	21	18	14	KW	1.65	1.69	1.74	1.79	1.77	1.81	1.86	1.92	1.88	1.91	1.97	2.03	1.97	2.01	2.07	2.14	2.05	2.09	2.15	2.22	2.11	2.16	2.23	2.30	AMPS	5.8	5.9	6.1	6.3	6.3	6.4	6.6	6.9	6.8	7.0	7.2	7.5	7.3	7.4	7.7	8.0	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	HI PR	146	157	166	173	164	177	187	195	187	201	212	221	213	229	242	252	239	257	272	284	264	285	300	313	LO PR	65	69	76	81	69	73	80	85	72	76	83	88	75	80	87	93	79	84	91	97	81	87	95	101	MBh	23.7	24.3	25.9	27.7	23.1	23.6	25.2	26.9	22.6	23.1	24.7	26.4	22.0	22.5	24.0	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6	S/T	0.87	0.81	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.86	0.70	0.52	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.76	0.57	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15	KW	1.64	1.67	1.72	1.77	1.76	1.79	1.85	1.90	1.86	1.90	1.96	2.02	1.95	1.99	2.05	2.12	2.03	2.07	2.14	2.20	2.10	2.14	2.21	2.28	AMPS	5.7	5.9	6.1	6.3	6.2	6.3	6.6	6.8	6.7	6.9	7.1	7.4	7.2	7.4	7.6	7.9	7.7	7.8	8.1	8.4	8.1	8.3	8.6	8.9	HI PR	145	156	165	172	163	175	185	193	185	199	210	219	211	227	239	250	237	255	269	281	262	282	297	310	LO PR	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	91	96	81	86	94	100	MBh	21.8	22.3	23.8	25.5	21.2	21.7	23.2	24.8	20.8	21.3	22.7	24.3	20.2	20.7	22.1	23.6	19.2	19.6	21.0	22.4	17.8	18.2	19.4	20.8	S/T	0.84	0.79	0.64	0.48	0.87	0.82	0.67	0.50	0.89	0.83	0.68	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	19	15	KW	1.61	1.64	1.68	1.73	1.72	1.75	1.80	1.86	1.82	1.86	1.91	1.97	1.91	1.95	2.01	2.07	1.98	2.02	2.09	2.15	2.05	2.09	2.15	2.22	AMPS	5.6	5.7	5.9	6.1	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.0	7.2	7.4	7.7	7.4	7.6	7.9	8.2	7.5	7.9	8.1	8.4	8.7	HI PR	141	151	160	167	158	170	179	187	179	193	204	213	204	220	232	242	230	247	261	272	254	273	289	301	LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97
		700	MBh	21.8	22.3	23.8	25.5	21.2	21.7	23.2	24.8	20.8	21.3	22.7	24.3	20.2	20.7	22.1	23.6	19.2	19.6	21.0	22.4	17.8	18.2	19.4	20.8	S/T	0.84	0.79	0.64	0.48	0.87	0.82	0.67	0.50	0.89	0.83	0.68	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	19	15	KW	1.61	1.64	1.68	1.73	1.72	1.75	1.80	1.86	1.82	1.86	1.91	1.97	1.91	1.95	2.01	2.07	1.98	2.02	2.09	2.15	2.05	2.09	2.15	2.22	AMPS	5.6	5.7	5.9	6.1	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.0	7.2	7.4	7.7	7.4	7.6	7.9	8.2	7.5	7.9	8.1	8.4	8.7	HI PR	141	151	160	167	158	170	179	187	179	193	204	213	204	220	232	242	230	247	261	272	254	273	289	301	LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97																																																																																																																																																																																																																																																																																																																																																						

COOLING PERFORMANCE DATA

GSC140241B*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140241B* / CA*3636*6** +EEP

		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	900	MBh	23.5	24.4	26.7	-	23.0	23.8	26.1	-	22.4	23.2	25.5	-	21.9	22.7	24.8	-	20.8	21.5	23.6	-	19.3	20.0	21.9	-	-	-	-	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	-	-	-	
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	-	-	-	
		KW	1.60	1.63	1.68	-	1.71	1.74	1.79	-	1.81	1.84	1.89	-	1.89	1.93	1.98	-	1.96	2.00	2.06	-	2.02	2.06	2.13	-	-	-	-	
		AMPS	5.6	5.8	6.0	-	6.1	6.2	6.4	-	6.6	6.8	7.0	-	7.1	7.2	7.5	-	7.5	7.7	7.9	-	8.0	8.1	8.4	-	-	-	-	
	HI PR	138	148	157	-	155	166	176	-	176	189	200	-	200	216	228	-	225	243	256	-	249	268	283	-	-	-	-	-	
	LO PR	61	65	71	-	64	69	75	-	67	71	78	-	70	75	82	-	74	78	86	-	76	81	89	-	-	-	-		
	MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-	-	-	-	-	
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	-	-	-	-	
	Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	-	-	-	-	
	KW	1.59	1.62	1.66	-	1.70	1.73	1.78	-	1.79	1.83	1.88	-	1.88	1.91	1.97	-	1.95	1.99	2.05	-	2.01	2.05	2.11	-	-	-	-	-	
	AMPS	5.6	5.7	5.9	-	6.0	6.2	6.4	-	6.5	6.7	6.9	-	7.0	7.2	7.4	-	7.4	7.6	7.9	-	7.9	8.1	8.3	-	-	-	-	-	
	HI PR	136	147	155	-	153	165	174	-	174	187	198	-	198	213	225	-	223	240	254	-	247	265	280	-	-	-	-	-	
	LO PR	60	64	70	-	64	68	74	-	66	71	77	-	70	74	81	-	73	78	85	-	76	80	88	-	-	-	-	-	
700	MBh	21.1	21.8	23.9	-	20.6	21.3	23.4	-	20.1	20.8	22.8	-	19.6	20.3	22.3	-	18.6	19.3	21.1	-	17.3	17.9	19.6	-	-	-	-	-	
	S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.66	0.45	-	-	-	-	-	
	Delta T	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	13	-	18	15	12	-	-	-	-	-	
	KW	1.56	1.59	1.63	-	1.66	1.69	1.74	-	1.75	1.79	1.84	-	1.83	1.87	1.92	-	1.90	1.94	2.00	-	1.96	2.00	2.06	-	-	-	-	-	
	AMPS	5.4	5.6	5.7	-	5.9	6.0	6.2	-	6.4	6.5	6.7	-	6.8	7.0	7.2	-	7.2	7.4	7.7	-	7.7	7.9	8.1	-	-	-	-	-	
HI PR	132	142	150	-	149	160	169	-	169	182	192	-	192	207	219	-	216	233	246	-	239	257	272	-	-	-	-	-	-	
LO PR	59	62	68	-	62	66	72	-	64	68	75	-	68	72	79	-	71	75	82	-	73	78	85	-	-	-	-	-	-	

75	900	MBh	23.9	24.6	26.7	28.6	23.4	24.1	26.0	27.9	22.8	23.5	25.4	27.3	22.2	22.9	24.8	26.6	21.1	21.8	23.6	25.3	19.6	20.2	21.8	23.4
		ST	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42
		Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		KW	1.61	1.64	1.69	1.74	1.72	1.75	1.81	1.86	1.82	1.85	1.91	1.97	1.90	1.94	2.00	2.06	1.98	2.02	2.08	2.14	2.04	2.08	2.14	2.21
		AMPS	5.7	5.8	6.0	6.2	6.1	6.3	6.5	6.7	6.7	6.8	7.1	7.3	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.3	8.0	8.2	8.5	8.8
	800	HI PR	139	150	158	165	156	168	178	185	178	191	202	211	202	218	230	240	228	245	259	270	252	271	286	298
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
		MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7
		ST	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
		Delta T	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11
	700	KW	1.60	1.63	1.68	1.72	1.71	1.74	1.79	1.84	1.81	1.84	1.89	1.95	1.89	1.93	1.98	2.04	1.96	2.00	2.06	2.12	2.02	2.07	2.13	2.19
		AMPS	5.6	5.8	6.0	6.2	6.1	6.2	6.4	6.7	6.6	6.8	7.0	7.3	7.1	7.2	7.5	7.8	7.5	7.7	8.0	8.3	8.0	8.1	8.4	8.7
		HI PR	138	148	157	163	155	166	176	183	176	189	200	209	200	216	228	237	225	243	256	267	249	268	283	295
		LO PR	61	65	71	76	64	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94
		MBh	21.4	22.1	23.9	25.6	20.9	21.6	23.3	25.0	20.4	21.0	22.8	24.4	19.9	20.5	22.2	23.8	18.9	19.5	21.1	22.7	17.5	18.1	19.6	21.0
		ST	0.78	0.69	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.39	0.89	0.80	0.60	0.39
		Delta T	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	16	11
		KW	1.57	1.60	1.64	1.69	1.67	1.70	1.75	1.80	1.77	1.80	1.85	1.91	1.85	1.88	1.94	2.00	1.92	1.96	2.01	2.08	1.98	2.02	2.08	2.14
		AMPS	5.5	5.6	5.8	6.0	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.1	6.9	7.0	7.3	7.5	7.3	7.5	7.7	8.0	7.7	7.9	8.2	8.5
		HI PR	134	144	152	158	150	161	171	178	171	184	194	202	194	209	221	230	219	235	248	259	242	260	275	286
		LO PR	59	63	69	73	63	67	73	77	65	69	76	80	68	73	79	84	72	76	83	89	74	79	86	92

NOTE: Shaded area is ACCA (TVA) conditions

* Entering Indoor Dry Bulb Temperature

COOLING PERFORMANCE DATA

GSC140241B*

EXPANDED PERFORMANCE DATA

MODEL: GSC140241B* / CA*3636*6** +EEP

COOLING OPERATION

		Outdoor Ambient Temperature																																							
		65					75					85					95					105					115														
		Entering Indoor Wet Bulb Temperature																																							
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71												
80	900	MBh	24.3	24.9	26.6	28.4	23.8	24.3	26.0	27.7	23.2	23.7	25.3	27.1	22.6	23.1	24.7	26.4	21.5	22.0	23.5	25.1	19.9	20.4	21.8	23.3	19.9	20.4	21.8	23.3											
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61	1.00	1.00	0.81	0.61											
		Delta T	23	22	19	15	23	22	19	16	24	22	19	16	23	23	20	16	22	22	19	15	20	21	18	14	20	21	18	14											
		KW	1.62	1.65	1.70	1.75	1.73	1.77	1.82	1.87	1.83	1.87	1.92	1.98	1.92	1.96	2.02	2.08	1.99	2.03	2.09	2.16	2.06	2.10	2.16	2.23	2.06	2.10	2.16	2.23											
		AMPS	5.7	5.9	6.1	6.3	6.2	6.3	6.6	6.8	6.7	6.9	7.1	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.1	8.3	8.6	8.9											
		HI PR	141	151	160	167	158	170	179	187	179	193	204	213	204	220	232	242	230	247	261	273	254	273	289	301	254	273	289	301											
		LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	90	96	78	83	90	96											
80	800	MBh	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	24.0	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6	19.3	19.8	21.1	22.6											
		S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58	1.00	0.95	0.77	0.58											
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15	22	22	19	15											
		KW	1.61	1.64	1.69	1.74	1.72	1.76	1.81	1.86	1.82	1.85	1.91	1.97	1.90	1.94	2.00	2.06	1.98	2.02	2.08	2.14	2.04	2.08	2.14	2.21	2.04	2.08	2.14	2.21											
		AMPS	5.7	5.8	6.0	6.2	6.1	6.3	6.5	6.7	6.7	6.8	7.1	7.3	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.3	8.0	8.2	8.5	8.8	8.0	8.2	8.5	8.8											
		HI PR	139	150	158	165	156	168	178	185	178	191	202	211	202	218	230	240	228	245	259	270	252	271	286	298	252	271	286	298											
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95	77	82	90	95											
700	700	MBh	21.8	22.3	23.8	25.5	21.3	21.8	23.3	24.9	20.8	21.3	22.7	24.3	20.3	20.7	22.2	23.7	19.3	19.7	21.0	22.5	17.9	18.2	19.5	20.8	17.9	18.2	19.5	20.8											
		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56	0.98	0.92	0.75	0.56											
		Delta T	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	25	24	20	16	23	22	19	15	23	22	19	15											
		KW	1.58	1.61	1.65	1.70	1.68	1.72	1.77	1.82	1.78	1.81	1.87	1.92	1.86	1.90	1.95	2.01	1.93	1.97	2.03	2.09	1.99	2.03	2.09	2.16	1.99	2.03	2.09	2.16											
		AMPS	5.5	5.7	5.8	6.1	6.0	6.1	6.3	6.6	6.5	6.6	6.9	7.1	6.9	7.1	7.3	7.6	7.4	7.6	7.8	8.1	7.8	8.0	8.3	8.6	7.8	8.0	8.3	8.6											
		HI PR	135	145	153	160	152	163	172	180	172	186	196	204	196	211	223	233	221	238	251	262	244	263	277	289	244	263	277	289											
		LO PR	60	64	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	80	87	92	75	80	87	92											

900	MBh	24.8	25.2	26.4	28.2	24.2	24.7	25.8	27.6	23.6	24.1	25.2	26.9	23.0	23.5	24.6	26.2	21.9	22.3	23.4	24.9	20.3	20.7	21.6	23.1
	S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
	Delta T	25	24	23	20	25	24	23	20	24	24	23	20	24	24	23	20	22	23	23	20	21	21	21	19
	KW	1.64	1.67	1.71	1.76	1.75	1.78	1.83	1.89	1.85	1.88	1.94	2.00	1.93	1.97	2.03	2.09	2.01	2.05	2.11	2.17	2.07	2.11	2.18	2.25
	AMPS	5.8	5.9	6.1	6.3	6.3	6.4	6.6	6.9	6.8	7.0	7.2	7.5	7.3	7.4	7.7	8.0	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0
	HI PR	142	153	161	168	159	172	181	189	181	195	206	215	206	222	235	245	232	250	264	275	257	276	292	304
	LO PR	63	67	73	78	66	71	77	82	69	73	80	85	73	77	84	90	76	81	88	94	79	84	91	97
800	MBh	24.0	24.5	25.7	27.4	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.2	21.7	22.7	24.2	19.7	20.1	21.0	22.4
	S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
	Delta T	26	25	24	21	26	25	24	21	26	26	24	21	26	26	24	21	24	25	24	21	23	23	22	19
	KW	1.62	1.65	1.70	1.75	1.73	1.77	1.82	1.87	1.83	1.87	1.92	1.98	1.92	1.96	2.02	2.08	1.99	2.03	2.09	2.16	2.06	2.10	2.16	2.23
	AMPS	5.7	5.9	6.1	6.3	6.2	6.3	6.6	6.8	6.7	6.9	7.1	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9
	HI PR	141	151	160	167	158	170	179	187	179	193	204	213	204	220	232	242	230	247	261	273	254	273	289	301
	LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	90	96
700	MBh	22.2	22.6	23.7	25.3	21.7	22.1	23.1	24.7	21.2	21.6	22.6	24.1	20.6	21.0	22.0	23.5	19.6	20.0	20.9	22.3	18.2	18.5	19.4	20.7
	S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72
	Delta T	26	26	24	21	26	26	25	21	26	26	25	21	27	26	25	21	26	26	24	21	24	24	23	20
	KW	1.59	1.62	1.66	1.71	1.70	1.73	1.78	1.83	1.79	1.83	1.88	1.94	1.88	1.91	1.97	2.03	1.95	1.99	2.05	2.11	2.01	2.05	2.11	2.18
	AMPS	5.6	5.7	5.9	6.1	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.0	7.2	7.4	7.7	7.4	7.6	7.9	8.2	7.9	8.1	8.3	8.7
	HI PR	136	147	155	162	153	165	174	181	174	187	198	206	198	213	225	235	223	240	253	264	246	265	280	292
	LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	93

COOLING PERFORMANCE DATA

GSC140301A*

EXPANDED PERFORMANCE DATA

MODEL: GSC140301A* / CA*F3642*6A* / .067 Orifice, Design Superheat @ ARI 95°F Conditions, 5° ±2°F @ the Serv. Vlv.

COOLING OPERATION

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
70	1125	MBh	28.4	29.4	32.2	-	27.6	28.6	31.3	-	27.0	28.0	30.7	-	26.3	27.2	29.8	-	24.9	25.8	28.3	-	23.1	23.9	26.2	-
		S/T	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
		KW	1.78	1.81	1.87	-	1.91	1.95	2.01	-	2.02	2.07	2.13	-	2.12	2.17	2.24	-	2.21	2.26	2.33	-	2.28	2.33	2.41	-
		AMPS	6.2	6.4	6.6	-	6.7	6.9	7.1	-	7.3	7.5	7.8	-	7.8	8.0	8.3	-	8.3	8.5	8.8	-	8.8	9.1	9.4	-
	1000	HI PR	137	147	156	-	154	165	175	-	175	188	199	-	199	214	226	-	224	241	255	-	248	266	281	-
		LO PR	65	70	76	-	69	74	80	-	72	76	83	-	76	80	88	-	79	84	92	-	82	87	95	-
		MBh	27.5	28.5	31.3	-	26.8	27.7	30.4	-	26.3	27.2	29.8	-	25.5	26.4	28.9	-	24.2	25.1	27.5	-	22.4	23.2	25.5	-
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.75	0.63	0.44	-	0.78	0.66	0.45	-	0.82	0.68	0.47	-	0.82	0.69	0.47	-
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
75	1000	KW	1.76	1.80	1.85	-	1.89	1.93	1.99	-	2.01	2.05	2.11	-	2.11	2.15	2.22	-	2.19	2.24	2.31	-	2.27	2.31	2.39	-
		AMPS	6.2	6.3	6.5	-	6.7	6.8	7.1	-	7.3	7.4	7.7	-	7.8	7.9	8.2	-	8.3	8.5	8.7	-	8.8	9.0	9.3	-
		HI PR	136	146	154	-	152	164	173	-	173	186	197	-	197	212	224	-	222	239	252	-	245	264	279	-
		LO PR	65	69	75	-	68	73	80	-	71	76	83	-	75	80	87	-	78	83	91	-	81	86	94	-
		MBh	25.3	26.2	28.8	-	24.6	25.5	28.0	-	24.2	25.0	27.4	-	23.4	24.3	26.6	-	22.3	23.1	25.3	-	20.6	21.4	23.4	-
	875	S/T	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		KW	1.72	1.76	1.81	-	1.85	1.89	1.94	-	1.96	2.00	2.06	-	2.06	2.10	2.17	-	2.14	2.19	2.25	-	2.21	2.26	2.33	-
		AMPS	6.0	6.1	6.3	-	6.5	6.6	6.9	-	7.1	7.2	7.5	-	7.5	7.7	8.0	-	8.0	8.2	8.5	-	8.5	8.7	9.0	-
		HI PR	132	142	150	-	148	159	168	-	168	181	191	-	191	206	217	-	215	232	245	-	238	256	270	-
LO PR	63	67	73	-	66	71	77	-	69	73	80	-	73	77	84	-	76	81	88	-	79	84	91	-		
75	1125	MBh	28.8	29.7	32.1	34.5	28.0	28.9	31.2	33.5	27.5	28.3	30.6	32.9	26.7	27.5	29.8	31.9	25.4	26.1	28.3	30.3	23.5	24.2	26.2	28.1
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.80	0.61	0.39	0.94	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.87	0.66	0.43
		Delta T	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10
		KW	1.79	1.83	1.88	1.94	1.92	1.96	2.02	2.09	2.04	2.08	2.15	2.22	2.14	2.19	2.26	2.33	2.23	2.28	2.35	2.43	2.30	2.35	2.43	2.51
		AMPS	6.3	6.4	6.6	6.9	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.3	8.9	9.1	9.5	9.8
	1000	HI PR	138	149	157	164	155	167	177	184	177	190	201	209	201	217	229	239	226	244	257	268	250	269	284	296
		LO PR	66	70	77	82	70	74	81	86	73	77	84	90	76	81	89	94	80	85	93	99	83	88	96	102
		MBh	28.0	28.8	31.2	33.5	27.2	28.0	30.3	32.5	26.7	27.5	29.8	31.9	25.9	26.7	28.9	31.0	24.6	25.4	27.4	29.4	22.8	23.5	25.4	27.3
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.93	0.83	0.63	0.41	0.93	0.83	0.63	0.41
		Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
875	KW	1.78	1.81	1.87	1.93	1.91	1.95	2.01	2.07	2.02	2.07	2.13	2.20	2.12	2.17	2.24	2.31	2.21	2.26	2.33	2.41	2.28	2.33	2.41	2.49	
	AMPS	6.2	6.4	6.6	6.8	6.7	6.9	7.1	7.4	7.3	7.5	7.8	8.0	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.2	8.8	9.1	9.4	9.7	
	HI PR	137	148	156	162	154	166	175	182	175	188	199	207	199	214	226	236	224	241	255	266	248	267	281	294	
	LO PR	65	70	76	81	69	74	80	86	72	76	84	89	76	80	88	93	79	84	92	98	82	87	95	101	
	MBh	25.8	26.5	28.7	30.8	25.0	25.8	27.9	29.9	24.6	25.3	27.4	29.4	23.8	24.6	26.6	28.5	22.7	23.3	25.2	27.1	21.0	21.6	23.4	25.1	
75	1000	S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
		Delta T	21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		KW	1.74	1.77	1.83	1.88	1.86	1.90	1.96	2.02	1.98	2.02	2.08	2.14	2.07	2.12	2.18	2.25	2.16	2.20	2.27	2.35	2.23	2.28	2.35	2.43
		AMPS	6.1	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.5
		HI PR	133	143	151	158	149	161	170	177	170	183	193	201	193	208	220	229	217	234	247	258	240	259	273	285
	875	LO PR	64	68	74	79	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	84	92	98
		MBh	25.8	26.5	28.7	30.8	25.0	25.8	27.9	29.9	24.6	25.3	27.4	29.4	23.8	24.6	26.6	28.5	22.7	23.3	25.2	27.1	21.0	21.6	23.4	25.1
		S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
		Delta T	21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10

COOLING PERFORMANCE DATA

GSC140301A*

EXPANDED PERFORMANCE DATA
MODEL: GSC140301A* / CA*F3642*6A* / .067 Orifice, Design Superheat @ ARI 95°F Conditions, 5° ±2°F @ the Serv. Vlv. COOLING OPERATION

Outdoor Ambient Temperature																																																											
65										75										85										95										105										115									
Entering Indoor Wet Bulb Temperature																																																											
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																										
80	1125	MBh	29.3	30.0	32.0	34.2	28.5	29.2	31.1	33.3	28.0	28.6	30.6	32.7	27.2	27.8	29.7	31.7	25.8	26.4	28.2	30.1	23.9	24.4	26.1	27.9	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.92	0.75	0.56	1.00	1.00	0.82	0.61																	
		S/T	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	17	14	1.81	1.84	1.90	1.96	1.94	1.98	2.04	2.10	2.06	2.10	2.16	2.23	2.16	2.20	2.27	2.35	2.25	2.29	2.37	2.45	2.53												
		Delta T	6.3	6.5	6.7	7.0	6.9	7.0	7.3	7.5	7.5	7.6	7.9	8.2	8.0	8.2	8.4	8.8	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.9	AMP S	140	150	159	166	157	169	178	186	178	192	203	212	203	219	231	241	229	246	260	271	253	272	287	299								
		HI PR	67	71	78	83	71	75	82	87	73	78	85	91	77	82	89	95	81	86	94	100	84	89	97	103	LO PR	28.5	29.1	31.1	33.3	27.7	28.3	30.2	32.3	27.2	27.8	29.7	31.7	26.4	27.0	28.8	30.8	25.1	25.6	27.4	29.2	23.2	23.7	25.3	27.1								
		MBh	0.89	0.83	0.68	0.51	0.92	0.87	0.70	0.53	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.58	S/T	23	22	19	15	23	23	20	16	23	23	20	16	21	21	18	15	2.23	2.28	2.35	2.43	2.30	2.35	2.43	2.51								
		Delta T	1.79	1.83	1.88	1.94	1.92	1.96	2.02	2.09	2.04	2.08	2.15	2.22	2.14	2.19	2.26	2.33	2.23	2.28	2.28	2.35	2.43	2.30	2.35	2.43	2.51	KW	6.3	6.4	6.6	6.9	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.3	8.9	9.1	9.5	9.8							
875	1000	AMP S	138	149	157	164	155	167	177	184	177	190	201	209	201	217	229	239	226	244	257	268	250	269	284	296	LO PR	66	70	77	82	70	74	81	86	73	77	84	90	76	81	89	94	80	85	93	99	83	88	96	102								
		MBh	26.2	26.8	28.6	30.6	25.5	26.0	27.8	29.7	25.0	25.5	27.3	29.2	24.3	24.8	26.5	28.3	23.1	23.6	25.2	26.9	21.4	21.8	23.3	24.9	S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.85	0.69	0.52	0.95	0.89	0.72	0.54	0.99	0.92	0.75	0.56	0.99	0.93	0.76	0.56								
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15	KW	1.75	1.79	1.84	1.90	1.88	1.92	1.98	2.04	1.99	2.03	2.10	2.16	2.09	2.13	2.20	2.27	2.17	2.22	2.29	2.37	2.25	2.30	2.37	2.45								
		AMP S	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.7	7.9	8.1	8.4	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.5	HI PR	134	145	153	159	151	162	171	179	171	184	195	203	195	210	222	231	220	236	250	260	243	261	276	288								
		LO PR	64	68	75	79	68	72	79	84	70	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99																																	

85																																																																								
1125															1000															875																																										
MBh	29.9	30.4	31.9	34.0	29.0	29.6	31.0	33.1	28.5	29.0	30.4	32.4	27.6	28.2	29.5	31.5	26.3	26.8	28.0	29.9	24.3	24.8	26.0	27.7	S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.98	0.79	Delta T	24	23	22	19	24	24	22	19	23	23	23	20	21	22	19	20	20	21	18											
KW	1.82	1.86	1.91	1.97	1.95	1.99	2.05	2.12	2.07	2.11	2.18	2.25	2.18	2.22	2.29	2.37	2.26	2.31	2.39	2.47	2.34	2.39	2.47	2.55	AMPS	6.4	6.6	6.8	7.0	6.9	7.1	7.3	7.6	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.9	8.6	8.8	9.1	9.4	9.1	9.3	9.6	10.0																							
HI PR	141	152	161	167	158	171	180	188	180	194	205	214	205	221	233	243	231	249	262	274	255	275	290	302	LO PR	67	72	78	83	71	76	83	88	74	79	86	92	78	83	90	96	82	87	95	101	84	90	98	104																							
MBh	29.0	29.5	30.9	33.0	28.2	28.7	30.1	32.1	27.6	28.2	29.5	31.5	26.8	27.4	28.7	30.6	25.5	26.0	27.2	29.1	23.6	24.1	25.2	26.9	S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	Delta T	25	24	23	20	25	25	23	20	25	25	24	20	23	24	23	20	22	22	22	19	22	22	19	22	22	19
KW	1.81	1.84	1.90	1.96	1.94	1.98	2.04	2.10	2.06	2.10	2.16	2.23	2.16	2.20	2.27	2.35	2.25	2.29	2.37	2.45	2.32	2.37	2.45	2.53	AMPS	6.3	6.5	6.7	7.0	6.9	7.0	7.3	7.5	7.5	7.6	7.9	8.2	8.0	8.2	8.4	8.8	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.9																							
HI PR	140	150	159	166	157	169	178	186	178	192	203	212	203	219	231	241	229	246	260	271	253	272	287	299	LO PR	67	71	78	83	71	75	82	87	73	78	85	91	77	82	89	95	81	86	94	100	84	89	97	103																							
MBh	26.7	27.2	28.5	30.4	25.9	26.4	27.7	29.5	25.4	25.9	27.2	29.0	24.7	25.2	26.4	28.1	23.5	23.9	25.0	26.7	21.7	22.2	23.2	24.8	S/T	0.90	0.87	0.78	0.64	0.94	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.99	0.96	0.86	0.70	1.00	1.00	0.90	0.73	Delta T	25	25	23	20	25	25	24	21	26	25	24	21	25	25	24	21	23	23	22	19	23	23	22	19		
KW	1.76	1.80	1.85	1.91	1.89	1.93	1.99	2.05	2.01	2.05	2.11	2.18	2.11	2.15	2.22	2.29	2.19	2.24	2.31	2.38	2.27	2.31	2.39	2.47	AMPS	6.2	6.3	6.5	6.8	6.7	6.8	7.1	7.3	7.3	7.4	7.7	8.0	7.8	7.9	8.2	8.5	8.3	8.5	8.7	9.1	8.8	9.0	9.3	9.6																							
HI PR	136	146	154	161	152	164	173	180	173	186	197	205	197	212	224	234	222	239	252	263	245	264	279	290	LO PR	65	69	75	80	68	73	80	85	71	76	83	88	75	80	87	92	78	83	91	97	81	86	94	100																							

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

GSC140301B*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140301B* / CA*F3642*6** +EEP

		Outdoor Ambient Temperature																																
		65					75					85					95					105					115							
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	1125	MBh	28.2	29.3	32.0	-	-	-	-	27.6	28.6	31.3	-	-	26.9	27.9	30.6	-	-	26.3	27.2	29.8	-	-	24.9	25.8	28.3	-	-	23.1	23.9	26.2	-	-
		ST	0.75	0.63	0.44	-	-	-	-	0.78	0.65	0.45	-	-	0.80	0.67	0.46	-	-	0.83	0.69	0.48	-	-	0.86	0.72	0.50	-	-	0.86	0.72	0.50	-	-
		Delta T	17	15	11	-	-	-	-	18	15	12	-	-	18	15	12	-	-	18	15	12	-	-	17	15	11	-	-	16	14	11	-	-
		KW	1.85	1.88	1.93	-	-	-	-	1.97	2.01	2.06	-	-	2.08	2.12	2.18	-	-	2.18	2.22	2.28	-	-	2.26	2.30	2.37	-	-	2.33	2.37	2.44	-	-
		AMPS	6.3	6.4	6.6	-	-	-	-	6.8	6.9	7.2	-	-	7.3	7.5	7.8	-	-	7.8	8.0	8.3	-	-	8.3	8.5	8.8	-	-	8.8	9.0	9.3	-	-
	1000	HI PR	132	142	150	-	-	-	-	148	159	168	-	-	168	181	191	-	-	192	206	218	-	-	216	232	245	-	-	238	256	271	-	-
		LO PR	64	68	74	-	-	-	-	67	71	78	-	-	70	74	81	-	-	73	78	85	-	-	77	82	89	-	-	79	85	92	-	-
		MBh	27.4	28.4	31.1	-	-	-	-	26.8	27.7	30.4	-	-	26.1	27.1	29.7	-	-	25.5	26.4	28.9	-	-	24.2	25.1	27.5	-	-	22.4	23.2	25.5	-	-
		ST	0.72	0.60	0.42	-	-	-	-	0.74	0.62	0.43	-	-	0.76	0.64	0.44	-	-	0.79	0.66	0.46	-	-	0.82	0.68	0.47	-	-	0.82	0.69	0.48	-	-
		875	Delta T	18	16	12	-	-	-	-	18	16	12	-	-	18	16	12	-	-	18	16	12	-	-	18	16	12	-	-	17	15	11	-
KW	1.84		1.87	1.92	-	-	-	-	1.96	1.99	2.05	-	-	2.06	2.10	2.16	-	-	2.16	2.20	2.27	-	-	2.24	2.28	2.35	-	-	2.31	2.36	2.43	-	-	
AMPS	6.2		6.4	6.6	-	-	-	-	6.7	6.9	7.1	-	-	7.3	7.5	7.7	-	-	7.8	8.0	8.2	-	-	8.3	8.5	8.7	-	-	8.7	9.0	9.3	-	-	
HI PR	131		140	148	-	-	-	-	146	158	166	-	-	167	179	189	-	-	190	204	216	-	-	213	230	243	-	-	236	254	268	-	-	
LO PR	63		67	73	-	-	-	-	66	71	77	-	-	69	73	80	-	-	73	77	84	-	-	76	81	88	-	-	79	84	91	-	-	

75	1125	MBh	28.7	29.5	32.0	34.3	28.0	28.9	31.2	33.5	27.4	28.2	30.5	32.7	26.7	27.5	29.8	31.9	25.4	26.1	28.3	30.3	23.5	24.2	26.2	28.1
		ST	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43
		Delta T	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10
		KW	1.86	1.90	1.95	2.00	1.99	2.02	2.08	2.14	2.09	2.14	2.20	2.26	2.19	2.23	2.30	2.37	2.27	2.32	2.39	2.46	2.34	2.39	2.46	2.54
		AMPS	6.3	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.8
		HI PR	133	143	151	158	149	161	170	177	170	183	193	201	194	208	220	229	218	234	247	258	241	259	273	285
1000	875	LO PR	64	68	75	79	68	72	79	84	70	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99
		MBh	27.9	28.7	31.1	33.3	27.2	28.0	30.3	32.6	26.6	27.4	29.6	31.8	25.9	26.7	28.9	31.0	24.6	25.4	27.4	29.5	22.8	23.5	25.4	27.3
		ST	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
		Delta T	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
		KW	1.85	1.88	1.93	1.99	1.97	2.01	2.06	2.12	2.08	2.12	2.18	2.24	2.18	2.22	2.28	2.35	2.26	2.30	2.37	2.44	2.33	2.37	2.44	2.52
		AMPS	6.3	6.4	6.6	6.9	6.8	6.9	7.2	7.4	7.3	7.5	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.2	8.8	9.0	9.3	9.7
875	875	HI PR	132	142	150	156	148	159	168	175	168	181	191	199	192	206	218	227	216	232	245	256	238	256	271	282
		LO PR	64	68	74	79	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98
		MBh	25.7	26.5	28.7	30.8	25.1	25.9	28.0	30.0	24.5	25.2	27.3	29.3	23.9	24.6	26.7	28.6	22.7	23.4	25.3	27.2	21.1	21.7	23.5	25.2
		ST	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
		Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		KW	1.81	1.84	1.89	1.95	1.93	1.97	2.02	2.08	2.03	2.07	2.13	2.19	2.13	2.17	2.23	2.30	2.21	2.25	2.32	2.39	2.27	2.32	2.39	2.46
875	875	AMPS	6.1	6.3	6.5	6.7	6.6	6.7	7.0	7.2	7.2	7.3	7.6	7.8	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4
		HI PR	128	138	145	152	144	154	163	170	163	176	185	193	186	200	211	220	209	225	238	248	231	249	263	274
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
		MBh	25.7	26.5	28.7	30.8	25.1	25.9	28.0	30.0	24.5	25.2	27.3	29.3	23.9	24.6	26.7	28.6	22.7	23.4	25.3	27.2	21.1	21.7	23.5	25.2
		ST	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
		Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
875	875	KW	1.81	1.84	1.89	1.95	1.93	1.97	2.02	2.08	2.03	2.07	2.13	2.19	2.13	2.17	2.23	2.30	2.21	2.25	2.32	2.39	2.27	2.32	2.39	2.46
		AMPS	6.1	6.3	6.5	6.7	6.6	6.7	7.0	7.2	7.2	7.3	7.6	7.8	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4
		HI PR	128	138	145	152	144	154	163	170	163	176	185	193	186	200	211	220	209	225	238	248	231	249	263	274
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
		MBh	25.7	26.5	28.7	30.8	25.1	25.9	28.0	30.0	24.5	25.2	27.3	29.3	23.9	24.6	26.7	28.6	22.7	23.4	25.3	27.2	21.1	21.7	23.5	25.2
		ST	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
875	875	Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		KW	1.81	1.84	1.89	1.95	1.93	1.97	2.02	2.08	2.03	2.07	2.13	2.19	2.13	2.17	2.23	2.30	2.21	2.25	2.32	2.39	2.27	2.32	2.39	2.46
		AMPS	6.1	6.3	6.5	6.7	6.6	6.7	7.0	7.2	7.2	7.3	7.6	7.8	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4
		HI PR	128	138	145	152	144	154	163	170	163	176	185	193	186	200	211	220	209	225	238	248	231	249	263	274
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
		MBh	25.7	26.5	28.7	30.8	25.1	25.9	28.0	30.0	24.5	25.2	27.3	29.3	23.9	24.6	26.7	28.6	22.7	23.4	25.3	27.2	21.1	21.7	23.5	25.2
ST	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39		
875	875	Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		KW	1.81	1.84	1.89	1.95	1.93	1.97	2.02	2.08	2.03	2.07	2.13	2.19	2.13	2.17	2.23	2.30	2.21	2.25	2.32	2.39	2.27	2.32	2.39	2.46
		AMPS	6.1	6.3	6.5	6.7	6.6	6.7	7.0	7.2	7.2	7.3	7.6	7.8	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4
		HI PR	128	138	145	152	144	154	163	170	163	176	185	193	186	200	211	220	209	225	238	248	231	249	263	274
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
		MBh	25.7	26.5	28.7	30.8	25.1	25.9	28.0	30.0	24.5	25.2	27.3	29.3	23.9	24.6	26.7	28.6	22.7	23.4	25.3	27.2	21.1	21.7	23.5	25.2
ST	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39		
875	875	Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		KW	1.81	1.84	1.89	1.95	1.93	1.97	2.02	2.08	2.03	2.07	2.13	2.19	2.13	2.17	2.23	2.30	2.21	2.25	2.32	2.39	2.27	2.32	2.39	2.46
		AMPS	6.1	6.3	6.5	6.7	6.6	6.7	7.0	7.2	7.2	7.3	7.6	7.8	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4
		HI PR	128	138	145	152	144	154	163	170	163	176	185	193	186	200	211	220	209	225	238	248	231	249	263	274
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
		MBh	25.7	26.5	28.7	30.8	25.1	25.9	28.0	30.0	24.5	25.2	27.3	29.3	23.9	24.6	26.7	28.6	22.7	23.4	25.3	27.2	21.1	21.7	23.5	25.2
ST	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39		
875	875	Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		KW	1.81	1.84	1.89	1.95	1.93	1.97	2.02	2.08	2.03	2.07	2.13	2.19	2.13	2.17	2.23	2.30	2.21	2.25	2.32	2.39	2.27	2.32	2.39	2.46
		AMPS	6.1	6.3	6.5	6.7	6.6	6.7	7.0	7.2	7.2	7.3	7.6	7.8	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4
		HI PR	128	138	145	152	144	154	163	170	163	176	185	193	186	200	211	220	209	225	238	248	231	249	263	274
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
		MBh	25.7	26.5	28.7	30.8	25.1	25.9	28.0	30.0	24.5	25.2	27.3	29.3	23.9	24.6	26.7	28.6	22.7	23.4	25.3	27.2	21.1	21.7	23.5	25.2
ST	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39		
875	875	Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18		

COOLING PERFORMANCE DATA

GSC140301B*

EXPANDED PERFORMANCE DATA

MODEL: GSC140301B* / CA*F3642*6** +EEP

COOLING OPERATION

		Outdoor Ambient Temperature																																														
		65						75						85						95						105						115																
IDB*	Airflow	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75												
	1125	MBh	29.2	29.8	31.9	34.1	28.5	29.2	31.1	33.3	35.5	27.9	28.5	30.4	32.5	34.6	27.2	27.8	29.7	31.7	33.7	35.7	25.8	26.4	28.2	30.1	32.9	24.4	26.1	27.9	29.7	31.5	25.8	26.4	28.2	30.1	32.9	24.4	26.1	27.9								
		S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	0.38	1.00	0.94	0.76	0.57	0.39	1.00	0.97	0.79	0.59	0.41	1.00	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62	0.44	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62	0.44								
		Delta T	22	21	19	15	23	22	19	15	11	23	22	19	15	11	22	22	19	15	11	22	21	22	19	15	20	20	18	14	10	21	22	19	15	20	20	18	14	10								
		KW	1.87	1.91	1.96	2.02	2.00	2.04	2.09	2.16	2.21	2.11	2.15	2.21	2.28	2.32	2.21	2.25	2.32	2.39	2.44	2.48	2.29	2.34	2.41	2.48	2.36	2.41	2.48	2.56	2.62	2.29	2.34	2.41	2.48	2.36	2.41	2.48	2.36	2.41	2.48	2.36						
		AMPS	6.4	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.7	7.5	7.7	7.9	8.2	8.4	8.0	8.2	8.4	8.8	9.1	9.3	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.9	10.4	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.9	10.4	8.5	8.7	9.0	9.3	9.0			
	1000	HI PR	135	145	153	159	151	162	172	179	185	172	185	195	203	210	196	210	222	232	240	248	220	237	250	261	243	262	276	288	298	220	237	250	261	243	262	276	288	298	220	237	250	261	243			
		LO PR	65	69	75	80	69	73	80	85	91	71	76	83	88	93	75	80	87	93	99	78	83	91	97	81	86	94	100	106	78	83	91	97	81	86	94	100	106	78	83	91	97	81				
		MBh	28.4	29.0	31.0	33.1	27.7	28.3	30.2	32.3	34.4	27.0	27.6	29.5	31.6	33.7	26.4	27.0	28.8	30.8	32.8	34.8	25.1	25.6	27.4	29.2	23.2	23.7	25.3	27.1	28.9	25.1	25.6	27.4	29.2	23.2	23.7	25.3	27.1	28.9	25.1	25.6	27.4	29.2	23.2			
		S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.35	0.95	0.89	0.73	0.54	0.36	0.98	0.92	0.75	0.56	0.37	1.00	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59	0.41	1.00	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59	0.41	1.00	1.00	0.96	0.78	0.59	0.41	
		Delta T	23	22	19	16	24	23	20	16	12	24	23	20	16	12	24	24	23	20	16	12	23	23	20	16	21	21	18	15	11	22	23	20	16	21	21	18	15	11	22	23	20	16	21			
	875	KW	1.86	1.90	1.95	2.00	1.99	2.02	2.08	2.14	2.19	2.09	2.14	2.20	2.26	2.31	2.19	2.23	2.30	2.37	2.43	2.48	2.27	2.32	2.39	2.46	2.34	2.39	2.46	2.54	2.60	2.27	2.32	2.39	2.46	2.34	2.39	2.46	2.34	2.39	2.46	2.34	2.39	2.46	2.34			
		AMPS	6.3	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.7	7.4	7.6	7.8	8.1	8.3	7.9	8.1	8.4	8.7	9.0	9.2	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.8	10.2	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.8	10.2	8.4	8.6	8.9	9.2	8.9			
		HI PR	133	143	151	158	149	161	170	177	183	170	183	193	201	208	194	208	219	229	239	248	218	234	248	258	241	259	273	285	295	218	234	248	258	241	259	273	285	295	218	234	248	258	241			
		LO PR	64	68	75	79	68	72	79	84	90	70	75	82	87	92	74	79	86	92	98	78	83	90	96	80	85	93	99	105	78	83	90	96	80	85	93	99	105	78	83	90	96	80				
		MBh	26.2	26.7	28.6	30.5	25.6	26.1	27.9	29.8	31.7	25.0	25.5	27.2	29.1	31.0	24.3	24.9	26.6	28.4	30.2	32.0	33.8	23.1	23.6	25.3	27.0	21.4	21.9	23.4	25.0	26.6	23.1	23.6	25.3	27.0	21.4	21.9	23.4	25.0	26.6	23.1	23.6	25.3	27.0	21.4		
	875	S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.34	0.95	0.89	0.72	0.54	0.36	1.00	1.00	0.92	0.75	0.56	0.99	0.93	0.76	0.57	0.39	1.00	1.00	0.92	0.75	0.56	0.99	0.93	0.76	0.57	0.39	1.00	1.00	0.92	0.75	0.56	0.99		
		Delta T	24	23	20	16	24	23	20	16	12	24	23	20	16	12	24	24	23	20	16	12	23	23	20	16	22	21	19	15	11	22	23	20	16	22	21	19	15	11	22	23	20	16	22			
		KW	1.82	1.86	1.91	1.96	1.94	1.98	2.03	2.09	2.15	2.05	2.09	2.15	2.21	2.26	2.14	2.19	2.25	2.32	2.38	2.43	2.22	2.27	2.33	2.40	2.29	2.34	2.41	2.48	2.54	2.22	2.27	2.33	2.40	2.29	2.34	2.41	2.48	2.54	2.22	2.27	2.33	2.40	2.29			
		AMPS	6.2	6.3	6.5	6.7	6.7	6.8	7.0	7.3	7.5	7.2	7.4	7.6	7.9	8.1	7.7	7.9	8.1	8.4	8.7	9.0	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.5	9.8	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.5	9.8	8.2	8.4	8.7	9.0	8.7			
		HI PR	129	139	147	153	145	156	165	172	178	165	177	187	195	202	188	202	213	223	233	241	227	240	250	233	251	265	277	287	227	240	250	233	251	265	277	287	227	240	250	233	251	265	277	287	227	240
	875	LO PR	62	66	72	77	66	70	76	81	86	73	79	85	90	72	76	83	89	94	75	80	87	93	78	83	90	96	101	75	80	87	93	78	83	90	96	101	75	80	87	93	78	83	90	96	101	

85	1125	MBh	29.7	30.3	31.7	33.9	29.0	29.6	31.0	33.1	28.3	28.9	30.3	32.3	27.6	28.2	29.5	31.5	26.3	26.8	28.0	29.9	24.3	24.8	26.0	27.7
		S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80
		Delta T	24	24	22	19	24	24	23	19	23	24	23	19	23	23	23	20	21	22	22	19	20	20	21	18
		KW	1.89	1.92	1.97	2.03	2.01	2.05	2.11	2.17	2.13	2.17	2.23	2.30	2.22	2.27	2.33	2.40	2.31	2.35	2.42	2.50	2.38	2.43	2.50	2.58
		AMPS	6.4	6.6	6.8	7.1	7.0	7.1	7.4	7.6	7.5	7.7	8.0	8.3	8.1	8.3	8.5	8.8	8.6	8.8	9.1	9.4	9.1	9.3	9.6	10.0
		HI PR	136	146	154	161	152	164	173	181	173	187	197	206	197	213	224	234	222	239	252	263	245	264	279	291
	LO PR	65	70	76	81	69	74	80	86	72	77	84	89	76	80	88	93	79	84	92	98	82	87	95	101	
	1000	MBh	28.9	29.4	30.8	32.9	28.2	28.7	30.1	32.1	27.5	28.0	29.4	31.3	26.8	27.4	28.7	30.6	25.5	26.0	27.2	29.0	23.6	24.1	25.2	26.9
		S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		Delta T	25	25	23	20	25	25	23	20	25	25	23	20	25	25	24	20	23	24	23	20	22	22	22	19
		KW	1.87	1.91	1.96	2.02	2.00	2.04	2.09	2.16	2.11	2.15	2.21	2.28	2.21	2.25	2.32	2.39	2.29	2.34	2.41	2.48	2.36	2.41	2.48	2.56
		AMPS	6.4	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.5	7.7	7.9	8.2	8.0	8.2	8.4	8.8	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.9
HI PR		135	145	153	159	151	162	172	179	172	185	195	203	196	210	222	232	220	237	250	261	243	262	276	288	
LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	78	83	91	97	81	86	94	100		
875	MBh	26.6	27.1	28.4	30.3	26.0	26.5	27.8	29.6	25.4	25.9	27.1	28.9	24.8	25.3	26.4	28.2	23.5	24.0	25.1	26.8	21.8	22.2	23.3	24.8	
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73	
	Delta T	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	21	23	23	22	19	
	KW	1.84	1.87	1.92	1.97	1.96	1.99	2.05	2.11	2.06	2.10	2.16	2.23	2.16	2.20	2.27	2.33	2.24	2.28	2.35	2.42	2.31	2.36	2.43	2.50	
	AMPS	6.2	6.4	6.6	6.8	6.7	6.9	7.1	7.4	7.3	7.5	7.7	8.0	7.8	8.0	8.2	8.5	8.3	8.5	8.7	9.1	8.7	9.0	9.3	9.6	
	HI PR	130	140	148	155	146	158	166	174	167	179	189	197	190	204	216	225	213	230	242	253	236	254	268	279	
LO PR	63	67	73	78	66	71	77	82	69	73	80	85	73	77	84	90	76	81	88	94	79	84	91	97		

COOLING PERFORMANCE DATA

GSC140361A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140361A* / CA*F4860*6A* /0.74 Orifice, Design Superheat @ ARI 95°F Conditions, 5° ±2°F @ the Serv. Vlv.

		Outdoor Ambient Temperature										105										115																			
		65										75										85										95									
		65										75										85										95									
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		65										75										85										95									
		65										75																													

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140361A* / CA*F4860*6A* / .074 Orifice, Design Superheat @ ARI 95°F Conditions, 5° ±2°F @ the Serv. Vlv.

COOLING PERFORMANCE DATA

GSC140361A*

		Outdoor Ambient Temperature																													
		65					75					85					95					105					115				
IDB*	Airflow	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						
80	1294	MBh	34.6	35.4	37.8	40.4	33.7	34.4	36.8	39.3	33.0	33.8	36.1	38.6	32.1	32.8	35.0	37.4	30.5	31.1	33.3	35.6	28.2	28.8	30.8	32.9					
		S/T	0.92	0.87	0.70	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61					
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	20	20	18	14					
		KW	2.02	2.07	2.13	2.20	2.18	2.23	2.30	2.37	2.31	2.36	2.44	2.52	2.43	2.49	2.57	2.65	2.54	2.59	2.68	2.77	2.62	2.68	2.77	2.87					
		AMPS	7.4	7.6	7.8	8.1	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.6	9.3	9.6	9.9	10.3	9.9	10.2	10.5	10.9	10.5	10.8	11.2	11.6					
		HI PR	139	149	158	165	156	168	177	185	177	191	201	210	202	217	229	239	227	244	258	269	251	270	285	297					
	LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	86	94	101						
1150		MBh	33.6	34.4	36.7	39.3	32.7	33.4	35.7	38.2	32.1	32.8	35.0	37.4	31.1	31.8	34.0	36.3	29.6	30.2	32.3	34.5	27.4	28.0	29.9	32.0					
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.95	0.77	0.58	1.00	0.95	0.77	0.58					
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15					
		KW	2.01	2.05	2.12	2.18	2.16	2.21	2.28	2.35	2.30	2.35	2.42	2.50	2.41	2.47	2.55	2.63	2.52	2.57	2.66	2.74	2.60	2.66	2.75	2.84					
		AMPS	7.3	7.5	7.8	8.0	7.9	8.1	8.4	8.7	8.6	8.8	9.1	9.5	9.2	9.5	9.8	10.2	9.8	10.1	10.4	10.8	10.4	10.7	11.1	11.5					
		HI PR	137	148	156	163	154	166	175	183	175	189	199	208	200	215	227	237	225	242	255	266	248	267	282	294					
	LO PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	86	93	100						
1006		MBh	30.9	31.6	33.8	36.1	30.1	30.7	32.8	35.1	29.5	30.2	32.2	34.4	28.7	29.3	31.3	33.4	27.2	27.8	29.7	31.8	25.2	25.8	27.5	29.4					
		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.68	0.50	0.90	0.85	0.69	0.51	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.98	0.92	0.75	0.56					
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	24	23	20	16	23	22	19	15					
		KW	1.96	2.00	2.06	2.13	2.11	2.15	2.22	2.29	2.24	2.29	2.36	2.44	2.36	2.41	2.48	2.57	2.45	2.51	2.59	2.68	2.54	2.59	2.68	2.77					
		AMPS	7.1	7.3	7.5	7.8	7.7	7.9	8.2	8.5	8.4	8.6	8.9	9.2	9.0	9.2	9.5	9.9	9.6	9.8	10.1	10.5	10.1	10.4	10.8	11.2					
		HI PR	133	143	151	158	150	161	170	177	177	170	183	193	202	194	209	220	230	218	235	248	258	241	259	274	285				
	LO PR	62	66	72	77	66	70	77	82	69	73	80	85	72	77	84	89	75	80	88	93	78	83	91	97						

		Outdoor Ambient Temperature																													
		65					75					85					95					105					115				
IDB*	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
1294	MBh	35.2	35.9	37.6	40.2	34.3	34.9	36.6	39.1	33.6	34.3	35.9	38.3	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.7	32.7	31.0	31.6	33.1	35.3	37.2	39.1
	S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.88	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.97	0.78	1.00	1.00	0.97	0.79	1.00	1.00	0.97	0.78	0.71	0.68
	Delta T	24	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	23	22	22	23	20	20	21	18	22	22	23	20	21	18
	KW	2.04	2.08	2.15	2.22	2.20	2.24	2.31	2.39	2.33	2.38	2.46	2.54	2.45	2.51	2.59	2.68	2.56	2.61	2.70	2.79	2.65	2.71	2.80	2.89	2.65	2.70	2.79	2.88	3.00	3.10
	AMPS	7.5	7.6	7.9	8.2	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.7	9.4	9.6	10.0	10.4	10.0	10.3	10.6	11.0	10.6	10.9	11.3	11.7	10.6	10.9	11.3	11.7	12.0	12.5
	LO PR	140	151	159	166	157	169	179	186	179	193	203	212	204	219	232	242	229	247	261	272	253	273	288	300	253	273	288	300	310	320
1150	MBh	34.2	34.9	36.5	39.0	33.3	33.9	35.5	37.9	32.6	33.3	34.8	37.2	31.7	32.3	33.8	36.1	30.1	30.7	32.1	34.3	27.9	28.4	29.8	31.8	30.1	30.7	32.1	34.3	36.1	37.9
	S/T	0.92	0.89	0.80	0.65	0.96	0.93	0.83	0.68	0.98	0.94	0.85	0.69	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	1.00	1.00	0.92	0.75	0.68	0.65
	Delta T	25	25	23	20	26	25	24	21	26	25	24	21	25	25	24	21	25	24	25	24	21	22	23	22	22	23	24	21	22	19
	KW	2.02	2.07	2.13	2.20	2.18	2.23	2.30	2.37	2.31	2.36	2.44	2.52	2.43	2.49	2.57	2.65	2.54	2.59	2.68	2.77	2.62	2.68	2.77	2.87	2.62	2.68	2.77	2.87	3.00	3.10
	AMPS	7.4	7.6	7.8	8.1	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.6	9.3	9.6	9.9	10.3	9.9	10.2	10.5	10.9	10.5	10.8	11.2	11.6	10.5	10.8	11.2	11.6	12.0	12.5
	LO PR	139	149	158	165	156	168	177	185	177	191	201	210	202	217	229	239	227	244	258	269	251	270	285	297	251	270	285	297	300	310
1006	MBh	31.5	32.1	33.6	35.9	30.6	31.2	32.7	34.9	30.0	30.6	32.1	34.2	29.2	29.7	31.1	33.2	27.7	28.2	29.6	31.6	25.7	26.2	27.4	29.2	27.7	28.2	29.6	31.6	33.2	34.9
	S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.91	0.82	0.67	0.98	0.95	0.86	0.69	1.00	0.99	0.89	0.72	1.00	0.99	0.90	0.73	1.00	0.99	0.89	0.72	0.65	0.62
	Delta T	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	26	26	24	21	25	26	24	22	23	24	21	22	22	19
	KW	1.98	2.02	2.08	2.15	2.13	2.17	2.24	2.31	2.26	2.31	2.38	2.46	2.37	2.43	2.51	2.59	2.47	2.53	2.61	2.70	2.56	2.62	2.70	2.79	2.56	2.62	2.70	2.79	2.90	3.00
	AMPS	7.2	7.4	7.6	7.9	7.8	8.0	8.2	8.6	8.5	8.7	9.0	9.3	9.1	9.3	9.6	10.0	9.7	9.9	10.2	10.6	10.2	10.5	10.9	11.3	10.2	10.5	10.9	11.3	11.6	12.0
	LO PR	135	145	153	160	151	163	172	179	172	185	195	204	196	211	222	232	220	237	250	261	243	262	276	288	243	262	276	288	290	300

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

GSC140361B*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140361B* / CA*F4860*6**+EEP

IDB*		Airflow	Outdoor Ambient Temperature																																			
			65						75						85						95						105						115					
			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	1350	MBh	33.3	34.5	37.8	-	32.5	33.7	37.0	-	31.8	32.9	36.1	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-												
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-												
		Delta T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-												
		KW	2.27	2.31	2.37	-	2.42	2.47	2.54	-	2.55	2.60	2.68	-	2.67	2.73	2.81	-	2.78	2.83	2.92	-	2.86	2.92	3.01	-												
		AMPS	7.8	8.0	8.2	-	8.4	8.6	8.9	-	9.1	9.3	9.6	-	9.7	10.0	10.3	-	10.3	10.6	10.9	-	11.0	11.2	11.6	-												
	1200	HI PR	131	141	148	-	147	158	167	-	167	179	189	-	190	204	216	-	214	230	243	-	236	254	268	-												
		LO PR	64	68	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	80	86	93	-												
		MBh	32.3	33.5	36.7	-	31.6	32.7	35.9	-	30.8	32.0	35.0	-	30.1	31.2	34.2	-	28.6	29.6	32.5	-	26.5	27.4	30.1	-												
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-												
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-												
75	1200	KW	2.25	2.29	2.36	-	2.40	2.45	2.52	-	2.54	2.59	2.66	-	2.65	2.71	2.79	-	2.75	2.81	2.89	-	2.84	2.90	2.99	-												
		AMPS	7.7	7.9	8.2	-	8.3	8.5	8.8	-	9.0	9.3	9.6	-	9.6	9.9	10.2	-	10.3	10.5	10.8	-	10.9	11.1	11.5	-												
		HI PR	129	139	147	-	145	156	165	-	165	178	188	-	188	202	214	-	212	228	240	-	234	251	266	-												
		LO PR	64	68	74	-	67	72	78	-	70	74	81	-	73	78	85	-	77	82	89	-	80	85	92	-												
		MBh	29.9	30.9	33.9	-	29.2	30.2	33.1	-	28.5	29.5	32.3	-	27.8	28.8	31.5	-	26.4	27.3	30.0	-	24.4	25.3	27.8	-												
	1050	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	-												
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-												
		KW	2.20	2.24	2.30	-	2.35	2.39	2.46	-	2.48	2.53	2.60	-	2.60	2.65	2.72	-	2.69	2.75	2.83	-	2.78	2.83	2.92	-												
		AMPS	7.5	7.7	7.9	-	8.1	8.3	8.6	-	8.8	9.0	9.3	-	9.4	9.6	9.9	-	10.0	10.2	10.6	-	10.6	10.8	11.2	-												
		HI PR	125	135	143	-	141	152	160	-	160	172	182	-	182	196	207	-	205	221	233	-	227	244	258	-												
		LO PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	75	79	87	-	77	82	90	-												

NOTE: Shaded area is ACCA (TVA) conditions

* Entering Indoor Dry Bulb Temperature

COOLING PERFORMANCE DATA

GSC140361B*

EXPANDED PERFORMANCE DATA

MODEL: GSC140361B* / CA*F4860*6**+EEP

COOLING OPERATION

		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
		Entering Indoor Wet Bulb Temperature																																			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
80	1350	MBh	34.5	35.2	37.6	40.2	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.0	37.4	30.5	31.1	33.3	35.6	28.2	28.8	30.8	32.9	25.5	26.1	28.1	30.2	32.3	34.4	36.5	38.6			
		S/T	0.95	0.89	0.73	0.54	1.00	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62			
		Delta T	22	21	19	15	23	22	19	15	22	22	19	15	22	22	19	15	21	21	19	15	19	20	18	14	21	20	18	14	21	20	18	14			
		KW	2.30	2.34	2.41	2.48	2.45	2.50	2.57	2.65	2.59	2.64	2.72	2.80	2.71	2.77	2.85	2.94	2.82	2.88	2.96	3.05	2.91	2.97	3.06	3.15	2.85	2.90	2.99	3.08	2.95	3.01	3.09	3.17			
		AMPS	7.9	8.1	8.4	8.7	8.6	8.8	9.0	9.4	9.3	9.5	9.8	10.2	9.9	10.2	10.5	10.9	10.5	10.8	11.2	11.6	11.2	11.4	11.8	12.3	10.5	10.8	11.2	11.6	11.2	11.4	11.8	12.3			
		HI PR	133	143	151	158	150	161	170	177	170	183	193	202	194	209	220	230	218	235	248	258	241	259	274	285	218	235	248	258	241	259	274	285			
80	1200	LO PR	66	70	76	81	69	74	80	86	72	77	84	89	76	80	88	94	79	84	92	98	82	87	95	101	79	84	92	98	82	87	95	101			
		MBh	33.5	34.2	36.6	39.1	32.7	33.4	35.7	38.2	31.9	32.6	34.9	37.3	31.1	31.8	34.0	36.3	29.6	30.2	32.3	34.5	27.4	28.0	29.9	32.0	25.5	26.1	28.1	30.2	32.3	34.5	36.7				
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59			
		Delta T	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	20	16	21	21	18	15	23	22	20	16	21	21	18	15			
		KW	2.28	2.32	2.39	2.46	2.44	2.48	2.55	2.63	2.57	2.62	2.70	2.78	2.69	2.75	2.83	2.92	2.80	2.85	2.94	3.03	2.89	2.94	3.03	3.13	2.85	2.90	2.99	3.08	2.95	3.01	3.09	3.13			
		AMPS	7.9	8.0	8.3	8.6	8.5	8.7	9.0	9.3	9.2	9.4	9.7	10.1	9.8	10.1	10.4	10.8	10.4	10.7	11.1	11.5	11.1	11.3	11.7	12.1	10.5	10.8	11.2	11.6	11.2	11.4	11.8	12.3			
80	1050	HI PR	132	142	150	156	148	159	168	176	168	181	191	200	192	206	218	227	216	232	245	256	238	257	271	283	216	232	245	256	238	257	271	283			
		LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	86	94	100	79	84	91	97	81	86	94	100			
		MBh	30.9	31.6	33.7	36.1	30.2	30.8	33.0	35.2	29.5	30.1	32.2	34.4	28.7	29.4	31.4	33.5	27.3	27.9	29.8	31.9	25.3	25.8	27.6	29.5	23.8	24.4	26.4	28.5	30.6	32.7	34.8	36.9			
		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57			
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15	24	23	20	16	22	21	19	15			
		KW	2.23	2.27	2.34	2.40	2.38	2.43	2.50	2.57	2.52	2.57	2.64	2.72	2.63	2.69	2.77	2.85	2.73	2.79	2.87	2.96	2.82	2.88	2.96	3.05	2.75	2.80	2.89	2.98	2.85	2.91	2.99	3.05			
85	1050	AMPS	7.7	7.8	8.1	8.4	8.3	8.5	8.7	9.0	9.0	9.2	9.5	9.8	9.6	9.8	10.1	10.5	10.2	10.4	10.7	11.1	10.8	11.0	11.4	11.8	10.5	10.8	11.2	11.6	11.2	11.4	11.8	12.3			
		HI PR	128	138	145	152	144	155	163	170	163	176	186	194	186	200	211	221	209	225	238	248	231	249	263	274	209	225	238	248	231	249	263	274			
		LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97	76	81	88	94	79	84	91	97			
		MBh	28.5	29.1	30.6	32.8	28.0	28.6	30.0	32.1	27.5	28.1	29.4	31.4	26.9	27.5	28.7	30.6	26.3	26.9	28.7	30.6	24.9	25.5	27.2	29.0	23.5	24.1	25.9	27.8	29.7	31.6	33.5	35.4			
		S/T	0.85	0.80	0.65	0.48	0.90	0.84	0.68	0.50	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.79	0.59	1.00	0.95	0.77	0.58	1.00	0.97	0.79	0.59			
		Delta T	25	24	22	18	26	25	22	18	26	25	22	18	25	24	21	17	24	23	20	16	22	21	17	13	25	24	21	17	22	21	17	13			

COOLING PERFORMANCE DATA

GSC140421A*

EXPANDED PERFORMANCE DATA
MODEL: GSC140421A* / CA*F4860*6A* / 0.078 Orifice, Design Superheat @ ARI Conditions, 5° ±2°F @ the Serv. Vlv.
COOLING OPERATION

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
1455	MBh	39.0	40.4	44.3	-	37.9	39.3	43.1	-	37.2	38.5	42.2	-	36.1	37.4	41.0	-	34.3	35.5	39.0	-	31.8	32.9	36.1	-		
	S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-		
	Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	14	11	-		
	KW	2.35	2.40	2.48	-	2.54	2.59	2.68	-	2.70	2.76	2.85	-	2.84	2.91	3.01	-	2.97	3.03	3.14	-	3.07	3.14	3.25	-		
	AMPS	8.7	8.9	9.2	-	9.4	9.7	10.0	-	10.3	10.5	10.9	-	11.0	11.3	11.7	-	11.7	12.0	12.4	-	12.4	12.8	13.2	-		
	HI PR	144	155	163	-	161	174	183	-	183	197	208	-	209	225	237	-	235	253	267	-	260	279	295	-		
	LO PR	63	67	74	-	67	71	78	-	70	74	81	-	73	78	85	-	77	81	89	-	79	84	92	-		
1300	MBh	38.2	39.6	43.4	-	37.2	38.5	42.2	-	36.5	37.8	41.4	-	35.4	36.7	40.2	-	33.6	34.8	38.2	-	31.2	32.3	35.4	-		
	S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-		
	Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-		
	KW	2.33	2.38	2.46	-	2.51	2.57	2.65	-	2.68	2.74	2.83	-	2.82	2.88	2.98	-	2.94	3.01	3.11	-	3.05	3.12	3.22	-		
	AMPS	8.6	8.8	9.1	-	9.3	9.6	9.9	-	10.2	10.4	10.8	-	10.9	11.2	11.5	-	11.6	11.9	12.3	-	12.3	12.6	13.1	-		
	HI PR	142	153	162	-	160	172	181	-	182	195	206	-	207	223	235	-	233	250	264	-	257	277	292	-		
	LO PR	63	67	73	-	66	70	77	-	69	73	80	-	72	77	84	-	76	81	88	-	78	83	91	-		
1155	MBh	36.3	37.6	41.2	-	35.3	36.6	40.1	-	34.6	35.9	39.3	-	33.6	34.8	38.2	-	31.9	33.1	36.3	-	29.6	30.7	33.6	-		
	S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.77	0.64	0.44	-	0.77	0.64	0.44	-		
	Delta T	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-		
	KW	2.29	2.34	2.42	-	2.47	2.53	2.61	-	2.63	2.69	2.78	-	2.77	2.83	2.93	-	2.89	2.96	3.06	-	2.99	3.06	3.17	-		
	AMPS	8.4	8.7	8.9	-	9.2	9.4	9.7	-	10.0	10.2	10.6	-	10.7	11.0	11.3	-	11.4	11.7	12.1	-	12.1	12.4	12.8	-		
	HI PR	139	150	158	-	156	168	178	-	178	191	202	-	203	218	230	-	228	245	259	-	252	271	286	-		
	LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-		

COOLING PERFORMANCE DATA

GSC140421A*

EXPANDED PERFORMANCE DATA

MODEL: GSC140421A* / CA*F4860*6A* /.078 Orifice, Design Superheat @ ARI Conditions, 5° ±2°F @ the Serv. Vlv.

COOLING OPERATION

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
1455	MBh	40.4	41.2	44.1	47.1	39.2	40.1	42.8	45.8	38.5	39.3	42.0	44.9	37.4	38.2	40.8	43.6	35.5	36.3	38.8	41.4	32.9	33.6	35.9	38.4
	S/T	0.90	0.85	0.69	0.51	0.94	0.88	0.72	0.53	0.96	0.90	0.73	0.54	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.97	0.79	0.59
	Delta T	23	22	19	15	23	22	19	15	23	22	19	15	24	22	20	16	22	22	19	15	21	21	18	14
	KW	2.39	2.44	2.52	2.60	2.58	2.64	2.72	2.81	2.75	2.81	2.90	3.00	2.89	2.96	3.06	3.16	3.02	3.09	3.19	3.30	3.13	3.20	3.31	3.42
	AMPS	8.9	9.1	9.4	9.7	9.6	9.8	10.2	10.6	10.5	10.7	11.1	11.5	11.2	11.5	11.9	12.3	11.9	12.3	12.7	13.2	12.7	13.0	13.5	14.0
	HI PR	147	158	167	174	165	177	187	195	187	201	213	222	213	229	242	253	240	258	272	284	265	285	301	314
1300	LO PR	65	69	75	80	68	73	79	84	71	75	82	88	75	79	87	92	78	83	91	97	81	86	94	100
	MBh	39.6	40.4	43.2	46.2	38.5	39.3	42.0	44.9	37.7	38.6	41.2	44.0	36.6	37.4	40.0	42.8	34.8	35.6	38.0	40.6	32.2	32.9	35.2	37.6
	S/T	0.87	0.81	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.86	0.70	0.52	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.76	0.57
	Delta T	24	23	20	16	25	24	20	16	25	24	20	16	25	24	21	16	25	24	20	16	23	22	19	15
	KW	2.37	2.42	2.50	2.58	2.56	2.61	2.70	2.79	2.72	2.78	2.88	2.97	2.87	2.93	3.03	3.14	2.99	3.06	3.16	3.27	3.10	3.17	3.28	3.39
	AMPS	8.8	9.0	9.3	9.7	9.5	9.7	10.1	10.5	10.4	10.6	11.0	11.4	11.1	11.4	11.8	12.2	11.8	12.1	12.6	13.0	12.6	12.9	13.3	13.8
1155	HI PR	145	156	165	172	163	175	185	193	185	199	211	220	211	227	240	250	237	255	270	281	262	282	298	311
	LO PR	64	68	74	79	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99
	MBh	37.6	38.4	41.0	43.9	36.5	37.3	39.9	42.7	35.9	36.6	39.1	41.8	34.8	35.6	38.0	40.6	33.1	33.8	36.1	38.6	30.6	31.3	33.4	35.7
	S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.95	0.90	0.73	0.54	0.96	0.90	0.73	0.55
	Delta T	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	16
	KW	2.33	2.38	2.46	2.54	2.51	2.57	2.65	2.74	2.68	2.74	2.83	2.92	2.82	2.88	2.98	3.08	2.94	3.01	3.11	3.22	3.05	3.12	3.22	3.33
80	AMPS	8.6	8.8	9.1	9.5	9.3	9.6	9.9	10.3	10.2	10.4	10.8	11.2	10.9	11.2	11.5	12.0	11.6	11.9	12.3	12.8	12.3	12.6	13.1	13.6
	HI PR	142	153	162	169	160	172	181	189	182	195	206	215	207	223	235	245	233	250	264	276	257	277	292	305
	LO PR	63	67	73	78	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97
	MBh	37.6	38.4	41.0	43.9	36.5	37.3	39.9	42.7	35.9	36.6	39.1	41.8	34.8	35.6	38.0	40.6	33.1	33.8	36.1	38.6	30.6	31.3	33.4	35.7

85	MBh	41.1	41.9	43.8	46.8	39.9	40.7	42.6	45.5	39.2	39.9	41.8	44.6	38.0	38.8	40.6	43.3	36.1	36.8	38.6	41.2	33.5	34.1	35.7
	S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.86	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.95
	Delta T	25	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	23	23	23	20	21	22	21
	KW	2.41	2.46	2.54	2.63	2.60	2.66	2.75	2.84	2.77	2.83	2.93	3.02	2.92	2.98	3.08	3.19	3.04	3.11	3.22	3.33	3.15	3.23	3.34
	AMPS	8.9	9.2	9.5	9.8	9.7	9.9	10.3	10.7	10.6	10.8	11.2	11.6	11.3	11.6	12.0	12.5	12.1	12.4	12.8	13.3	12.8	13.1	13.6
	HI PR	148	159	168	176	166	179	189	197	189	203	215	224	215	232	245	255	242	261	275	287	268	288	304
	LO PR	65	69	76	81	69	73	80	85	72	76	83	89	75	80	87	93	79	84	92	98	82	87	95
	MBh	40.3	41.0	43.0	45.9	39.1	39.9	41.8	44.6	38.4	39.1	41.0	43.8	37.3	38.0	39.8	42.5	35.4	36.1	37.8	40.4	32.8	33.4	35.0
	S/T	0.91	0.88	0.79	0.64	0.95	0.91	0.82	0.67	0.96	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91
	Delta T	26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	25	26	24	21	23	24	23
1300	KW	2.39	2.44	2.52	2.60	2.58	2.64	2.72	2.81	2.75	2.81	2.90	3.00	2.89	2.96	3.06	3.16	3.02	3.09	3.19	3.30	3.13	3.20	3.31
	AMPS	8.9	9.1	9.4	9.7	9.6	9.8	10.2	10.6	10.5	10.7	11.1	11.5	11.2	11.5	11.9	12.3	11.9	12.3	12.7	13.2	12.7	13.0	13.5
	HI PR	147	158	167	174	165	177	187	195	187	201	213	222	213	229	242	253	240	258	272	284	265	285	301
	LO PR	65	69	75	80	68	73	79	84	71	75	82	88	75	79	87	92	78	83	91	97	81	86	94
	MBh	38.2	39.0	40.8	43.6	37.2	37.9	39.7	42.4	36.5	37.2	38.9	41.6	35.4	36.1	37.8	40.4	33.6	34.3	35.9	38.3	31.2	31.8	33.3
	S/T	0.87	0.84	0.76	0.62	0.91	0.87	0.79	0.64	0.92	0.89	0.80	0.65	0.96	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.97	0.87
1155	Delta T	27	26	25	21	27	26	25	22	27	26	25	22	27	27	25	22	27	26	25	22	25	25	23
	KW	2.35	2.40	2.48	2.56	2.54	2.59	2.68	2.77	2.70	2.76	2.85	2.95	2.84	2.91	3.01	3.11	2.97	3.03	3.14	3.24	3.07	3.14	3.25
	AMPS	8.7	8.9	9.2	9.6	9.4	9.7	10.0	10.4	10.3	10.5	10.9	11.3	11.0	11.3	11.7	12.1	11.7	12.0	12.4	12.9	12.4	12.8	13.2
	HI PR	144	155	163	170	161	174	183	191	183	197	208	217	209	225	237	248	235	253	267	279	260	279	295
	LO PR	63	67	74	78	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92
	MBh	38.2	39.0	40.8	43.6	37.2	37.9	39.7	42.4	36.5	37.2	38.9	41.6	35.4	36.1	37.8	40.4	33.6	34.3	35.9	38.3	31.2	31.8	33.3

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

GSC140421B*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140421B* / CA*F4860*6**+EEP

		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		
70	1406	MBh	39.2	40.6	44.5	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	36.5	37.8	41.4	-	34.6	35.9	39.3	-	32.1	33.3	36.4	-	
		ST	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	
		KW	2.64	2.70	2.77	-	2.83	2.89	2.97	-	3.00	3.06	3.15	-	3.14	3.21	3.30	-	3.26	3.33	3.44	-	3.37	3.44	3.55	-	
		AMPS	9.7	9.9	10.2	-	10.4	10.7	11.0	-	11.3	11.6	11.9	-	12.0	12.3	12.7	-	12.8	13.1	13.5	-	13.5	13.9	14.3	-	
	1250	HI PR	139	150	158	-	156	168	177	-	177	191	202	-	202	217	230	-	227	245	258	-	251	270	285	-	
		LO PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	75	79	87	-	77	82	90	-	
		MBh	38.1	39.4	43.2	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	35.4	36.7	40.2	-	33.6	34.9	38.2	-	31.2	32.3	35.4	-	
		ST	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-	
		Delta T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	
1094	1250	KW	2.63	2.68	2.75	-	2.81	2.87	2.95	-	2.97	3.03	3.12	-	3.12	3.18	3.28	-	3.24	3.31	3.41	-	3.34	3.41	3.52	-	
		AMPS	9.6	9.8	10.1	-	10.3	10.6	10.9	-	11.2	11.5	11.8	-	11.9	12.2	12.6	-	12.7	13.0	13.4	-	13.4	13.7	14.2	-	
		HI PR	138	148	156	-	154	166	176	-	176	189	200	-	200	215	227	-	225	242	256	-	249	268	283	-	
		LO PR	61	65	71	-	65	69	75	-	67	71	78	-	70	75	82	-	74	79	86	-	76	81	89	-	
		MBh	35.1	36.4	39.9	-	34.3	35.6	39.0	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.0	32.2	35.2	-	28.8	29.8	32.7	-	
	1094	ST	0.67	0.56	0.38	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-	
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	
		KW	2.57	2.62	2.69	-	2.75	2.80	2.88	-	2.91	2.96	3.05	-	3.04	3.11	3.20	-	3.16	3.23	3.33	-	3.27	3.33	3.44	-	
		AMPS	9.3	9.5	9.8	-	10.1	10.3	10.6	-	10.9	11.1	11.5	-	11.6	11.9	12.3	-	12.3	12.6	13.0	-	13.1	13.4	13.8	-	
		HI PR	134	144	152	-	150	161	170	-	170	183	194	-	194	209	221	-	218	235	248	-	241	260	274	-	
75	1406	LO PR	59	63	69	-	63	67	73	-	65	69	76	-	68	73	79	-	72	76	83	-	74	79	86	-	
		MBh	39.9	41.0	44.4	47.7	38.9	40.1	43.4	46.6	38.0	39.1	42.4	45.5	37.1	38.2	41.3	44.4	38.0	39.1	42.4	45.5	37.1	38.2	41.3	44.4	
		ST	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.40	0.83	0.74	0.56	0.35	0.86	0.77	0.58	0.39	
		Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22
		KW	2.66	2.72	2.79	2.88	2.85	2.91	3.00	3.09	3.02	3.08	3.17	3.27	3.17	3.23	3.33	3.44	3.26	3.33	3.44	3.55	3.37	3.44	3.55	3.66	
	1250	AMPS	9.7	9.9	10.2	10.6	10.4	10.7	11.0	11.4	11.3	11.6	11.9	12.4	12.0	12.3	12.7	13.1	12.8	13.1	13.5	13.9	13.5	13.9	14.3	14.7	
		HI PR	140	151	160	166	151	163	172	179	172	185	196	204	202	218	230	241	227	245	258	270	251	270	285	296	
		LO PR	62	66	72	77	66	70	76	81	68	72	79	85	71	76	83	89	75	79	87	93	77	82	90	96	
		MBh	38.7	39.8	43.1	46.3	37.8	38.9	42.1	45.2	36.9	38.0	41.1	44.1	36.0	37.1	40.1	43.1	33.6	34.9	38.2	41.2	31.2	32.3	35.4	38.4	
		ST	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.39	0.79	0.66	0.45	0.51	0.79	0.66	0.46	0.52	

COOLING PERFORMANCE DATA

GSC140421B*

EXPANDED PERFORMANCE DATA

MODEL: GSC140421B* / CA*F4860*6**+EEP

COOLING OPERATION

		Outdoor Ambient Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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		Entering Indoor Wet Bulb Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
IDB*	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	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859	4863	4867	4871	4875	4879	4883	4887	4891	4895	4899	4903	4907	4911	4915	4919	4923	4927	4931	4935	4939	4943	4947	4951	4955	4959	4963	4967	4971	4975	4979	4983	4987	4991	4995	4999	5003	5007	5011	5015	5019	5023	5027	5031	5035	5039	5043	5047	5051	5055	5059	5063	5067	5071	5075	5079	5083	5087	5091	5095	5099	5103	5107	5111	5115	5119	5123	5127	5131	5135	5139	5143	5147	5151	5155	5159	5163	5167	5171	5175	5179	5183	5187	5191	5195	5199	5203	5207	5211	5215	5219	5223	5227	5231	5235	5239	5243	5247	5251	5255	5259	5263

COOLING PERFORMANCE DATA

GSC140481A*

EXPANDED PERFORMANCE DATA

MODEL: GSC140481A* / CA*F4860*6A* / .084 Orifice, Design Superheat @ ARI 95°F Conditions, 5°± 2°F @ the Serv. Vlv.

COOLING OPERATION

		Outdoor Ambient Temperature										Indoor Wet Bulb Temperature										Indoor Dry Bulb Temperature													
		65					75					85					95					105					115								
IDB*	Airflow	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75				
70	1744	MBh	45.3	46.9	51.4	-	44.0	45.6	50.0	-	43.2	44.8	49.0	-	41.9	43.4	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-	36.9	38.2	41.9	-	36.9	38.2	41.9		
		ST	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50		
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	14	11	-	17	14	11	-	17	14	11		
		KW	2.44	2.49	2.57	-	2.63	2.69	2.78	-	2.80	2.86	2.96	-	2.95	3.02	3.12	-	3.08	3.15	3.26	-	3.19	3.26	3.38	-	3.19	3.26	3.38	-	3.19	3.26	3.38		
		AMPS	9.8	10.0	10.4	-	10.6	10.9	11.3	-	11.6	11.9	12.3	-	12.4	12.7	13.2	-	13.2	13.6	14.0	-	14.0	14.4	14.9	-	14.0	14.4	14.9	-	14.0	14.4	14.9		
		Hi PR	136	147	155	-	153	165	174	-	174	187	198	-	198	213	225	-	223	240	253	-	246	265	280	-	246	265	280	-	246	265	280		
		LO PR	64	68	74	-	67	72	78	-	70	75	81	-	74	78	86	-	77	82	90	-	80	85	93	-	80	85	93	-	80	85	93		
		MBh	44.0	45.6	49.9	-	42.7	44.3	48.5	-	41.9	43.4	47.6	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-	35.8	37.1	40.7	-	35.8	37.1	40.7		
		ST	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-	0.82	0.68	0.47		
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	17	15	11	-	17	15	11		
70	1550	KW	2.42	2.47	2.55	-	2.61	2.67	2.75	-	2.78	2.84	2.94	-	2.93	2.99	3.09	-	3.05	3.12	3.23	-	3.16	3.24	3.35	-	3.16	3.24	3.35	-	3.16	3.24	3.35		
		AMPS	9.7	9.9	10.3	-	10.5	10.8	11.2	-	11.5	11.8	12.2	-	12.3	12.6	13.0	-	13.1	13.4	13.9	-	13.9	14.3	14.8	-	13.9	14.3	14.8	-	13.9	14.3	14.8		
		Hi PR	135	145	153	-	151	163	172	-	172	185	196	-	196	211	223	-	221	237	251	-	244	262	277	-	244	262	277	-	244	262	277		
		LO PR	63	67	73	-	67	71	78	-	69	74	81	-	73	78	85	-	76	81	89	-	79	84	92	-	79	84	92	-	79	84	92		
		MBh	40.4	41.9	45.9	-	39.3	40.7	44.7	-	38.6	40.0	43.8	-	37.5	38.8	42.5	-	35.6	36.9	40.4	-	33.0	34.2	37.4	-	33.0	34.2	37.4	-	33.0	34.2	37.4		
		ST	0.69	0.57	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.79	0.66	0.46		
		Delta T	19	16	12	-	19	16	13	-	19	16	13	-	19	17	13	-	19	16	13	-	18	15	12	-	18	15	12	-	18	15	12		
		KW	2.36	2.41	2.49	-	2.54	2.60	2.68	-	2.71	2.77	2.86	-	2.85	2.92	3.01	-	2.98	3.04	3.15	-	3.08	3.15	3.26	-	3.08	3.15	3.26	-	3.08	3.15	3.26		
		AMPS	9.4	9.7	10.0	-	10.2	10.5	10.8	-	11.1	11.4	11.8	-	11.9	12.2	12.7	-	12.7	13.1	13.5	-	13.5	13.9	14.3	-	13.5	13.9	14.3	-	13.5	13.9	14.3		
		Hi PR	131	141	149	-	147	158	167	-	167	180	190	-	190	205	216	-	214	230	243	-	236	254	269	-	236	254	269	-	236	254	269		
LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-	77	82	89	-	77	82	89				
75	1744	MBh	46.1	47.4	51.3	55.1	44.8	46.1	49.9	53.5	43.9	45.2	48.9	52.5	42.6	43.9	47.5	51.0	40.5	41.7	45.1	48.4	37.5	38.7	41.8	44.9	37.5	38.7	41.8	44.9	37.5	38.7	41.8	44.9	
		ST	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.80	0.61	0.39	0.93	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.87	0.66	0.43	0.98	0.87	0.66	0.43	0.98	0.87	0.66	0.43	
		Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	19	18	15	10	19	18	15	10	
		KW	2.46	2.51	2.59	2.68	2.65	2.71	2.80	2.90	2.83	2.89	2.99	3.09	2.98	3.05	3.15	3.26	3.11	3.18	3.29	3.40	3.22	3.29	3.41	3.53	3.22	3.29	3.41	3.53	3.22	3.29	3.41	3.53	
		AMPS	9.9	10.1	10.5	10.9	10.7	11.0	11.4	11.8	11.7	12.0	12.4	12.9	12.5	12.8	13.3	13.8	13.4	13.7	14.2	14.7	14.2	14.5	15.1	15.7	14.2	14.5	15.1	15.7	14.2	14.5	15.1	15.7	
		Hi PR	138	148	156	163	154	166	176	183	176	189	200	208	200	215	227	237	237	225	242	256	267	249	268	283	295	249	268	283	295	249	268	283	295
		LO PR	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	91	96	81	86	94	100	81	86	94	100	81	86	94	100	
		MBh	44.7	46.1	49.8	53.5	43.5	44.8	48.4	52.0	42.6	43.9	47.5	51.0	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6	36.4	37.5	40.6	43.6	36.4	37.5	40.6	43.6	
		ST	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.93	0.83	0.63	0.40	0.93	0.83	0.63	0.41	0.93	0.83	0.63	0.41	0.93	0.83	0.63	0.41	
		Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	10	20	19	15	10	20	19	15	10	
75	1550	KW	2.44	2.49	2.57	2.66	2.63	2.69	2.78	2.87	2.80	2.86	2.96	3.06	2.95	3.02	3.12	3.23	3.08	3.15	3.26	3.37	3.19	3.27	3.38	3.49	3.19	3.27	3.38	3.49	3.19	3.27	3.38	3.49	
		AMPS	9.8	10.0	10.4	10.8	10.6	10.9	11.3	11.7	11.6	11.9	12.3	12.8	12.4	12.7	13.2	13.7	13.2	13.6	14.0	14.6	14.1	14.4	14.9	15.5	14.1	14.4	14.9	15.5	14.1	14.4	14.9	15.5	
		Hi PR	136	147	155	162	153	165	174	181	174	187	198	206	198	213	225	235	223	240	253	264	246	265	280	292	246	265	280	292	246	265	280	292	
		LO PR	64	68	74	79	67	72	78	83	70	75	81	87	74	78	86	91	77	82	90	95	80	85	93	99	80	85	93	99	80	85	93	99	
		MBh	41.1	42.4	45.8	49.2	40.0	41.2	44.6	47.8	39.2	40.4	43.7	46.9	38.1	39.2	42.4	45.5	36.2	37.3	40.3	43.3	33.5	34.5	37.4	40.1	33.5	34.5	37.4	40.1	33.5	34.5	37.4	40.1	
		ST	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61	0.39	
		Delta T	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	11	22	20	17	11	20	19	15	11	20	19	15	11	20	19	15	11	
		KW	2.38	2.43	2.51	2.59	2.56	2.62	2.71	2.80	2.73	2.79	2.88	2.98	2.88	2.94	3.04	3.15	3.00	3.07	3.17	3.28	3.11	3.18	3.29	3.40	3.11	3.18	3.29	3.40	3.11	3.18	3.29	3.40	
		AMPS	9.5	9.8	10.1	10.5	10.3	10.6	10.9	11.4	11.2	11.5	11.9	12.4	12.1	12.4	12.8	13.3	12.9	13.2	13.6	14.2	13.6	14.0	14.5	15.1	13.6	14.0	14.5	15.1					

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140481A* / CA*F4860*6A* / .084 Orifice, Design Superheat @ ARI 95°F Conditions, 5°± 2°F @ the Serv. Vlv.

		Outdoor Ambient Temperature																													
		65					75					85					95					105					115				
		Entering Indoor Wet Bulb Temperature																													
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	1744	MBh	46.9	47.9	51.2	54.7	45.6	46.6	49.7	53.2	44.7	45.7	48.8	52.2	43.4	44.3	47.4	50.6	41.2	42.1	45.0	48.1	38.2	39.0	41.7	44.6	38.2	39.0	41.7	44.6	
		S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.61	
		Delta T	23	22	19	15	23	22	19	15	24	22	19	15	23	22	20	16	22	22	19	15	20	21	18	14	20	21	18	14	
		KW	2.48	2.53	2.61	2.70	2.67	2.73	2.83	2.92	2.85	2.91	3.01	3.11	3.00	3.07	3.18	3.29	3.13	3.21	3.32	3.43	3.25	3.32	3.44	3.56	3.25	3.32	3.44	3.56	
		AMPS	10.0	10.2	10.6	11.0	10.8	11.1	11.5	11.9	11.8	12.1	12.5	13.0	12.6	13.0	13.4	13.9	13.5	13.8	14.3	14.9	14.3	14.7	15.2	15.8	14.3	14.7	15.2	15.8	
		HI PR	139	150	158	165	156	168	177	185	177	191	202	210	202	218	230	240	227	245	258	269	251	270	285	298	251	270	285	298	
		LO PR	65	69	76	81	69	73	80	85	72	76	83	88	75	80	87	93	79	84	91	97	81	87	95	101	81	87	95	101	
		MBh	45.5	46.5	49.7	53.1	44.2	45.2	48.3	51.6	43.4	44.3	47.4	50.6	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3	37.1	37.9	40.5	43.3	
1550		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.58	
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15	22	22	19	15	
		KW	2.46	2.51	2.59	2.68	2.65	2.71	2.80	2.90	2.83	2.89	2.99	3.09	2.98	3.05	3.15	3.26	3.11	3.18	3.29	3.40	3.22	3.29	3.41	3.53	3.22	3.29	3.41	3.53	
		AMPS	9.9	10.1	10.5	10.9	10.7	11.0	11.4	11.8	11.7	12.0	12.4	12.9	12.5	12.8	13.3	13.8	13.4	13.7	14.2	14.7	14.2	14.6	15.1	15.7	14.2	14.6	15.1	15.7	
		HI PR	138	148	156	163	154	166	176	183	176	189	200	208	200	215	227	237	225	242	256	267	249	268	283	295	249	268	283	295	
		LO PR	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	91	96	81	86	94	100	81	86	94	100	
		MBh	41.9	42.8	45.7	48.9	40.7	41.6	44.4	47.5	39.9	40.8	43.6	46.6	38.8	39.6	42.3	45.2	36.8	37.6	40.2	43.0	34.1	34.9	37.2	39.8	34.1	34.9	37.2	39.8	
		S/T	0.86	0.80	0.65	0.49	0.89	0.84	0.68	0.51	0.91	0.85	0.69	0.52	0.95	0.89	0.72	0.54	0.99	0.92	0.75	0.56	0.99	0.93	0.75	0.56	0.99	0.93	0.75	0.56	
1356		Delta T	24	23	20	16	25	24	20	16	25	24	20	16	25	24	21	17	25	24	20	16	23	22	19	15	23	22	19	15	
		KW	2.40	2.45	2.53	2.61	2.59	2.64	2.73	2.82	2.75	2.82	2.91	3.01	2.90	2.97	3.07	3.17	3.03	3.10	3.20	3.31	3.14	3.21	3.32	3.43	3.14	3.21	3.32	3.43	
		AMPS	9.6	9.8	10.2	10.6	10.4	10.7	11.0	11.5	11.4	11.6	12.0	12.5	12.2	12.5	12.9	13.4	13.0	13.3	13.8	14.3	13.8	14.1	14.6	15.2	13.8	14.1	14.6	15.2	
		HI PR	134	144	152	158	150	161	170	178	170	183	194	202	194	209	221	230	218	235	248	259	241	260	274	286	241	260	274	286	
		LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97	78	83	91	97	
		MBh	41.9	42.8	45.7	48.9	40.7	41.6	44.4	47.5	39.9	40.8	43.6	46.6	38.8	39.6	42.3	45.2	36.8	37.6	40.2	43.0	34.1	34.9	37.2	39.8	34.1	34.9	37.2	39.8	
		S/T	0.86	0.80	0.65	0.49	0.89	0.84	0.68	0.51	0.91	0.85	0.69	0.52	0.95	0.89	0.72	0.54	0.99	0.92	0.75	0.56	0.99	0.93	0.75	0.56	0.99	0.93	0.75	0.56	
		Delta T	24	23	20	16	25	24	20	16	25	24	20	16	25	24	21	17	25	24	20	16	23	22	19	15	23	22	19	15	

85	1744	MBh	47.7	48.6	50.9	54.3	46.4	47.3	49.5	52.8	45.5	46.4	48.6	51.8	44.2	45.0	47.1	50.3	42.0	42.8	44.8	47.8	38.9	39.6	41.5	44.3
		S/T	0.97	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79
		Delta T	25	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	22	23	23	20	20	21	21	19
		KW	2.50	2.55	2.64	2.72	2.70	2.76	2.85	2.95	2.87	2.94	3.04	3.14	3.03	3.10	3.20	3.31	3.16	3.23	3.34	3.46	3.28	3.35	3.47	3.59
		AMPS	10.1	10.3	10.7	11.1	10.9	11.2	11.6	12.0	11.9	12.2	12.6	13.1	12.8	13.1	13.5	14.1	13.6	14.0	14.5	15.0	14.5	14.8	15.3	16.0
		HI PR	140	151	160	166	158	170	179	187	179	193	204	212	204	220	232	242	230	247	261	272	254	273	288	301
		LO PR	66	70	76	81	70	74	81	86	72	77	84	89	76	81	88	94	80	85	92	98	82	88	96	102
		1550	MBh	46.3	47.2	49.4	52.8	45.0	45.9	48.1	51.3	44.2	45.0	47.1	50.3	42.9	43.7	45.8	48.9	40.7	41.5	43.5	46.4	37.7	38.5	40.3
	S/T		0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.76
	Delta T		26	25	24	21	26	25	24	21	26	25	24	21	25	26	24	21	24	25	24	21	22	23	22	19
	KW		2.48	2.53	2.61	2.70	2.67	2.73	2.83	2.92	2.85	2.91	3.01	3.11	3.00	3.07	3.18	3.29	3.13	3.21	3.32	3.43	3.25	3.32	3.44	3.56
	1356	AMPS	10.0	10.2	10.6	11.0	10.8	11.1	11.5	11.9	11.8	12.1	12.5	13.0	12.6	13.0	13.4	13.9	13.5	13.8	14.3	14.9	14.3	14.7	15.2	15.8
HI PR		139	150	158	165	156	168	177	185	177	191	202	210	202	218	230	240	227	245	258	269	251	270	285	298	
LO PR		65	69	76	81	69	73	80	85	72	76	83	88	75	80	87	93	79	84	91	97	81	87	95	101	
MBh		42.6	43.4	45.5	48.5	41.4	42.2	44.2	47.2	40.6	41.4	43.4	46.3	39.4	40.2	42.1	44.9	37.5	38.2	40.0	42.7	34.7	35.4	37.1	39.6	
S/T		0.90	0.87	0.78	0.64	0.93	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.99	0.96	0.86	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.90	0.73	
Delta T		26	26	24	21	26	26	24	21	26	26	24	21	26	26	25	21	25	26	24	21	24	24	23	20	
KW		2.42	2.47	2.55	2.63	2.61	2.67	2.75	2.85	2.78	2.84	2.93	3.03	2.93	2.99	3.09	3.20	3.05	3.12	3.23	3.34	3.16	3.24	3.35	3.46	
AMPS		9.7	9.9	10.3	10.7	10.5	10.8	11.2	11.6	11.5	11.8	12.2	12.6	12.3	12.6	13.0	13.5	13.1	13.4	13.9	14.5	13.9	14.3	14.8	15.3	
HI PR	135	145	153	160	151	163	172	179	172	185	196	204	196	211	223	232	221	237	251	261	244	262	277	289		
LO PR	63	67	73	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	94	79	84	92	98		

COOLING PERFORMANCE DATA

GSC140601A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140601A* / CA*F4860*6A* / .096 Orifice, Design Superheat @ ARI 95°F Conditions, 5° ± 2°F @ the Serv. Vlv.

IDB*		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
		Entering Indoor Wet Bulb Temperature																																			
Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71									
1969	MBh	55.1	57.1	62.6	-	53.6	55.5	60.9	-	52.6	54.5	59.7	-	51.0	52.9	58.0	-	48.5	50.2	55.1	-	44.9	46.5	51.0	-	44.9	46.5	51.0	-								
	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	0.49	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-								
	Delta T	19	16	12	-	19	16	13	-	19	16	13	-	19	17	13	-	19	16	13	-	18	15	12	-	18	15	12	-								
	KW	3.09	3.16	3.27	-	3.35	3.43	3.55	-	3.58	3.66	3.79	-	3.78	3.87	4.00	-	3.95	4.04	4.19	-	4.10	4.19	4.34	-	4.10	4.19	4.34	-								
	AMPS	11.8	12.1	12.6	-	12.9	13.2	13.6	-	14.0	14.4	14.9	-	15.0	15.4	16.0	-	16.1	16.5	17.0	-	17.1	17.5	18.1	-	17.1	17.5	18.1	-								
	HI PR	138	149	157	-	155	167	176	-	177	190	201	-	201	216	228	-	226	243	257	-	250	269	284	-	250	269	284	-								
1750	LO PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	74	79	87	-	77	82	89	-	77	82	89	-								
	MBh	53.5	55.5	60.8	-	52.0	53.9	59.1	-	51.0	52.9	58.0	-	49.6	51.4	56.3	-	47.1	48.8	53.5	-	43.6	45.2	49.5	-	43.6	45.2	49.5	-								
	S/T	0.70	0.58	0.40	-	0.73	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.67	0.46	-	0.80	0.67	0.47	-	0.80	0.67	0.47	-								
	Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	18	16	12	-								
	KW	3.07	3.14	3.24	-	3.32	3.40	3.52	-	3.55	3.63	3.76	-	3.75	3.83	3.97	-	3.91	4.01	4.15	-	4.06	4.16	4.30	-	4.06	4.16	4.30	-								
	AMPS	11.7	12.0	12.4	-	12.7	13.1	13.5	-	13.9	14.3	14.8	-	14.9	15.3	15.8	-	15.9	16.3	16.9	-	16.9	17.3	17.9	-	16.9	17.3	17.9	-								
1531	HI PR	137	147	156	-	154	165	175	-	175	188	199	-	199	214	226	-	224	241	254	-	247	266	281	-	247	266	281	-								
	LO PR	61	65	71	-	64	69	75	-	67	71	78	-	70	75	82	-	74	78	86	-	76	81	89	-	76	81	89	-								
	MBh	49.2	51.0	55.9	-	47.9	49.6	54.4	-	47.0	48.7	53.3	-	45.6	47.2	51.8	-	43.3	44.9	49.2	-	40.1	41.6	45.6	-	40.1	41.6	45.6	-								
	S/T	0.68	0.56	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-								
	Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-	19	16	12	-								
	KW	2.99	3.06	3.16	-	3.24	3.31	3.42	-	3.45	3.53	3.66	-	3.65	3.73	3.86	-	3.81	3.90	4.04	-	3.95	4.04	4.19	-	3.95	4.04	4.19	-								
1531	AMPS	11.4	11.7	12.1	-	12.4	12.7	13.1	-	13.5	13.8	14.3	-	14.5	14.8	15.4	-	15.4	15.8	16.4	-	16.4	16.8	17.4	-	16.4	16.8	17.4	-								
	HI PR	133	143	151	-	149	160	169	-	170	182	193	-	193	208	219	-	217	234	247	-	240	258	273	-	240	258	273	-								
	LO PR	59	63	69	-	63	67	73	-	65	69	75	-	68	73	79	-	72	76	83	-	74	79	86	-	74	79	86	-								

	Outdoor Ambient Temperature																								
	Entering Indoor Wet Bulb Temperature																								
	IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71											
1969	MBh	56.1	57.7	62.5	67.0	54.5	56.1	60.7	65.2	53.5	55.1	59.6	63.9	51.9	53.5	57.9	62.1	49.3	50.8	55.0	59.0	45.7	47.1	50.9	54.6
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.59	0.38	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.96	0.85	0.65	0.42	0.96	0.86	0.65	0.42
	Delta T	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	17	11	20	19	15	11
	KW	3.12	3.19	3.30	3.42	3.38	3.46	3.58	3.70	3.61	3.69	3.82	3.96	3.81	3.90	4.04	4.18	3.98	4.08	4.22	4.37	4.13	4.23	4.38	4.54
	AMPS	12.0	12.3	12.7	13.2	13.0	13.3	13.8	14.3	14.2	14.5	15.0	15.6	15.2	15.6	16.1	16.8	16.2	16.6	17.2	17.9	17.2	17.7	18.3	19.0
	HI PR	140	150	159	166	157	169	178	186	178	192	203	211	203	219	231	241	228	246	260	271	252	272	287	299
	LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	90	96
1750	MBh	54.4	56.1	60.7	65.1	52.9	54.5	59.0	63.3	51.9	53.5	57.9	62.1	50.4	51.9	56.2	60.3	47.9	49.3	53.4	57.2	44.4	45.7	49.4	53.0
	S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.91	0.82	0.62	0.40
	Delta T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
	KW	3.09	3.16	3.27	3.39	3.35	3.43	3.55	3.67	3.58	3.66	3.79	3.92	3.78	3.87	4.00	4.15	3.95	4.04	4.19	4.34	4.10	4.19	4.34	4.50
	AMPS	11.9	12.2	12.6	13.1	12.9	13.2	13.6	14.2	14.0	14.4	14.9	15.5	15.1	15.4	16.0	16.6	16.1	16.5	17.1	17.7	17.1	17.5	18.1	18.8
	HI PR	138	149	157	164	155	167	176	184	177	190	201	209	201	216	228	238	226	243	257	268	250	269	284	296
	LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
1531	MBh	50.1	51.6	55.8	59.9	48.7	50.1	54.3	58.2	47.8	49.2	53.2	57.1	46.4	47.8	51.7	55.4	44.0	45.4	49.1	52.7	40.8	42.0	45.5	48.8
	S/T	0.77	0.69	0.52	0.33	0.80	0.71	0.54	0.35	0.81	0.73	0.55	0.35	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.88	0.79	0.60	0.39
	Delta T	23	21	17	12	23	21	18	12	23	21	18	12	24	22	18	12	23	21	18	12	22	20	16	11
	KW	3.01	3.08	3.19	3.30	3.26	3.34	3.45	3.57	3.48	3.57	3.69	3.82	3.68	3.77	3.90	4.04	3.84	3.94	4.07	4.22	3.99	4.08	4.23	4.38
	AMPS	11.5	11.8	12.2	12.7	12.5	12.8	13.3	13.8	13.6	14.0	14.5	15.0	14.6	15.0	15.5	16.1	15.6	16.0	16.6	17.2	16.6	17.0	17.6	18.3
	HI PR	134	144	152	159	151	162	171	178	171	184	195	203	195	210	222	231	219	236	249	260	242	261	275	287
	LO PR	60	64	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	80	87	92

NOTE: Shaded area is ACCA (TVA) conditions

* Entering Indoor Dry Bulb Temperature

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140601A* / CA*F4860*6A* / .096 Orifice, Design Superheat @ ARI 95°F Conditions, 5° ± 2°F @ the Serv. Vlv.

		Outdoor Ambient Temperature																													
		65					75					85					95					105					115				
IDB*	Airflow	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		
80	1969	MBh	57.1	58.3	62.3	66.6	55.5	56.7	60.6	64.7	54.4	55.6	59.4	63.5	52.8	54.0	57.7	61.7	50.2	51.3	54.8	58.6	46.5	47.5	50.8	54.3	46.5	47.5	50.8	54.3	
		S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	1.00	0.80	0.60	1.00	1.00	0.80	0.60	1.00	1.00	0.80	0.60	
		Delta T	24	23	20	16	25	24	20	16	25	24	20	16	25	24	21	17	23	24	20	16	22	22	19	15	22	22	19	15	
		KW	3.15	3.22	3.33	3.45	3.41	3.49	3.61	3.74	3.64	3.73	3.86	3.99	3.85	3.94	4.08	4.22	4.02	4.12	4.26	4.41	4.17	4.27	4.42	4.58	4.17	4.27	4.42	4.58	
		AMPS	12.1	12.4	12.8	13.3	13.1	13.4	13.9	14.5	14.3	14.7	15.2	15.8	15.3	15.7	16.3	16.9	16.4	16.8	17.4	18.1	17.4	17.8	18.5	19.2	17.4	17.8	18.5	19.2	
		HI PR	141	152	160	167	158	170	180	188	180	194	205	213	205	221	233	243	231	248	262	274	255	274	290	302	255	274	290	302	
	LO PR	63	67	73	78	66	71	77	82	69	73	80	85	73	77	84	90	76	81	88	94	79	84	91	97	79	84	91	97		
1750		MBh	55.4	56.6	60.5	64.7	53.9	55.0	58.8	62.9	52.8	54.0	57.7	61.7	51.3	52.4	56.0	59.9	48.7	49.8	53.2	56.9	45.1	46.1	49.3	52.7	45.1	46.1	49.3	52.7	
		S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.52	0.92	0.86	0.70	0.53	0.96	0.90	0.73	0.55	1.00	0.94	0.76	0.57	1.00	0.94	0.77	0.57	1.00	0.94	0.77	0.57	
		Delta T	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	26	25	21	17	24	23	20	16	24	23	20	16	
		KW	3.12	3.19	3.30	3.42	3.38	3.46	3.58	3.70	3.61	3.70	3.82	3.96	3.81	3.90	4.04	4.18	3.99	4.08	4.22	4.38	4.13	4.23	4.38	4.54	4.13	4.23	4.38	4.54	
		AMPS	12.0	12.3	12.7	13.2	13.0	13.3	13.8	14.3	14.2	14.5	15.0	15.6	15.2	15.6	16.1	16.8	16.2	16.6	17.2	17.9	17.2	17.7	18.3	19.0	17.2	17.7	18.3	19.0	
		HI PR	140	150	159	166	157	169	178	186	178	192	203	211	203	219	231	241	228	246	260	271	252	272	287	299	252	272	287	299	
	LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	90	96	78	83	90	96		
1531		MBh	51.0	52.1	55.6	59.5	49.6	50.6	54.1	57.8	48.6	49.7	53.1	56.7	47.2	48.2	51.5	55.1	44.8	45.8	48.9	52.3	41.5	42.4	45.3	48.5	41.5	42.4	45.3	48.5	
		S/T	0.84	0.79	0.64	0.48	0.87	0.82	0.67	0.50	0.89	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.97	0.91	0.74	0.55	0.97	0.91	0.74	0.55	
		Delta T	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	17	24	23	20	16	24	23	20	16	
		KW	3.04	3.11	3.22	3.33	3.29	3.37	3.48	3.61	3.52	3.60	3.72	3.85	3.71	3.80	3.93	4.07	3.88	3.97	4.11	4.26	4.02	4.12	4.26	4.42	4.02	4.12	4.26	4.42	
		AMPS	11.6	11.9	12.3	12.8	12.6	12.9	13.4	13.9	13.8	14.1	14.6	15.2	14.8	15.1	15.7	16.3	15.8	16.2	16.7	17.4	16.7	17.2	17.8	18.5	16.7	17.2	17.8	18.5	
		HI PR	136	146	154	161	152	164	173	180	173	186	197	205	197	212	224	234	222	239	252	263	245	264	278	290	245	264	278	290	
	LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	93	76	80	88	93		

85	1969	MBh	58.1	59.2	62.0	66.2	56.4	57.5	60.3	64.3	55.4	56.4	59.1	63.1	53.8	54.8	57.4	61.3	65.1	68.9	72.7	76.5	80.3	84.1	87.9	91.7	95.5	99.3	103.1	106.9	110.7
		S/T	0.96	0.92	0.83	0.68	0.99	0.96	0.87	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	0.54	0.34	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Delta T	26	26	24	21	26	26	24	21	26	26	24	21	25	26	25	21	17	13	9	5	1	0	0	0	0	0	0	0	0
		KW	3.17	3.25	3.36	3.48	3.44	3.52	3.64	3.77	3.67	3.76	3.89	4.03	3.88	3.97	4.11	4.26	4.40	4.54	4.68	4.82	4.96	5.10	5.24	5.38	5.52	5.66	5.80	5.94	6.08
		AMPS	12.2	12.5	12.9	13.4	13.2	13.6	14.0	14.6	14.4	14.8	15.3	15.9	15.5	15.9	16.4	17.1	17.8	18.5	19.2	19.9	20.6	21.3	22.0	22.7	23.4	24.1	24.8	25.5	26.2
		LO PR	143	153	162	169	160	172	182	190	182	196	207	216	207	223	235	246	257	268	279	289	299	309	319	329	339	349	359	369	379
1750		MBh	56.4	57.5	60.2	64.2	54.8	55.9	58.5	62.4	53.8	54.8	57.4	61.3	52.2	53.2	55.7	59.5	63.3	67.1	70.9	74.7	78.5	82.3	86.1	89.9	93.7	97.5	101.3	105.1	108.9
		S/T	0.91	0.88	0.79	0.64	0.95	0.91	0.83	0.67	0.97	0.93	0.84	0.68	1.00	0.97	0.88	0.71	0.51	0.31	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Delta T	27	27	25	22	27	27	25	22	27	27	25	22	27	27	26	22	18	14	10	6	2	0	0	0	0	0	0	0	0
		KW	3.15	3.22	3.33	3.45	3.41	3.49	3.61	3.74	3.64	3.73	3.86	3.99	3.85	3.94	4.08	4.22	4.36	4.50	4.64	4.78	4.92	5.06	5.20	5.34	5.48	5.62	5.76	5.90	6.04
		AMPS	12.1	12.4	12.8	13.3	13.1	13.4	13.9	14.5	14.3	14.7	15.2	15.8	15.3	15.7	16.3	16.9	17.5	18.1	18.7	19.3	19.9	20.5	21.1	21.7	22.3	22.9	23.5	24.1	24.7
		LO PR	141	152	160	167	158	170	180	188	180	194	205	213	205	221	233	243	253	263	273	283	293	303	313	323	333	343	353	363	373
1531		MBh	51.9	52.9	55.4	59.1	50.4	51.4	53.8	57.4	49.5	50.4	52.8	56.4	48.0	48.9	51.3	54.7	58.1	61.5	64.9	68.3	71.7	75.1	78.5	81.9	85.3	88.7	92.1	95.5	98.9
		S/T	0.88	0.85	0.77	0.62	0.92	0.88	0.80	0.65	0.93	0.90	0.81	0.66	0.97	0.94	0.85	0.69	0.49	0.29	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Delta T	27	27	26	22	28	27	26	22	28	27	26	22	28	28	26	23	19	15	11	7	3	0	0	0	0	0	0	0	0
		KW	3.07	3.14	3.24	3.36	3.32	3.40	3.51	3.64	3.55	3.63	3.75	3.89	3.74	3.83	3.97	4.11	4.25	4.39	4.53	4.67	4.81	4.95	5.09	5.23	5.37	5.51	5.65	5.79	5.93
		AMPS	11.7	12.0	12.4	12.9	12.7	13.1	13.5	14.0	13.9	14.3	14.7	15.3	14.9	15.3	15.8	16.4	16.9	17.4	17.9	18.4	18.9	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9
		LO PR	137	147	156	162	154	165	175	182	175	188	199	207	199	214	226	236	246	256	266	276	286	296	306	316	326	336	346	356	366

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

GSC140601A*

PERFORMANCE DATA

GSC14018-601A*

MODEL: GSC140181A* / CA*F3131*6A* W/TXV Conditions: 80°F IDB, 67°F IWB @ 600 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	19,503	13,360	6,142	1,420
80°	19,271	13,369	5,902	1,458
85°	19,038	13,374	5,665	1,496
90°	18,519	13,219	5,301	1,530
95°	18,000	13,052	4,948	1,564
100°	17,823	13,168	4,655	1,593
105°	17,645	13,279	4,366	1,622
110°	16,995	12,844	4,151	1,646
115°	16,345	12,404	3,941	1,671
TVA Conditions @ 95° OD DB, 75° ID DB, 63° ID WB				
95°	17,200	13,324	3,876	1,510

GSC140241A* / CA*F3636*6A* W/.061 Orifice Conditions: 80°F IDB, 67°F IWB @ 800 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	26,181	18,018	8,163	1,847
80°	25,931	18,020	7,912	1,902
85°	25,682	18,018	7,664	1,957
90°	24,841	17,780	7,061	2,005
95°	24,000	17,518	6,482	2,054
100°	23,844	17,771	6,073	2,095
105°	23,687	18,018	5,669	2,137
110°	22,815	17,382	5,433	2,172
115°	21,942	16,744	5,198	2,208
TVA Conditions @ 95° OD DB, 75° ID DB, 63° ID WB				
95°	23,000	17,929	5,071	1,977

GSC140301A* / CA*F3642*6A* W/.067 Orifice Conditions: 80°F IDB, 67°F IWB @ 1000 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	31,068	21,876	9,192	2,023
80°	30,773	21,878	8,895	2,085
85°	30,477	21,876	8,601	2,147
90°	29,638	21,704	7,934	2,201
95°	28,800	21,508	7,292	2,256
100°	28,455	21,697	6,757	2,302
105°	28,110	21,876	6,234	2,349
110°	27,074	21,104	5,970	2,389
115°	26,038	20,329	5,709	2,429
TVA Conditions @ 95° OD DB, 75° ID DB, 63° ID WB				
95°	27,400	21,853	5,547	2,169

GSC140361AA / CA*F4860*6A* W/.071 Orifice Conditions: 80°F IDB, 67°F IWB @ 1150 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	35,754	24,958	10,796	2,278
80°	35,413	24,960	10,453	2,349
85°	35,073	24,958	10,115	2,421
90°	34,536	25,073	9,463	2,485
95°	34,000	25,172	8,828	2,548
100°	33,174	25,078	8,096	2,602
105°	32,348	24,958	7,391	2,656
110°	31,157	24,077	7,080	2,702
115°	29,965	23,193	6,772	2,749
TVA Conditions @ 95° OD DB, 75° ID DB, 63° ID WB				
95°	31,600	24,985	6,615	2,447

GSC140421AA / CA*F4860*6A* W/.078 Orifice Conditions: 80°F IDB, 67°F IWB @ 1300 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	41,795	28,767	13,028	2,700
80°	41,397	28,770	12,627	2,788
85°	40,999	28,767	12,232	2,876
90°	40,500	28,991	11,509	2,954
95°	40,000	29,200	10,800	3,032
100°	38,907	29,000	9,907	3,098
105°	37,815	28,767	9,048	3,164
110°	36,422	27,752	8,670	3,222
115°	35,028	26,733	8,295	3,279
TVA Conditions @ 95° OD DB, 75° ID DB, 63° ID WB				
95°	37,000	28,846	8,154	2,908

GSC140481AA / CA*F4860*6A* W/.084 Orifice Conditions: 80°F IDB, 67°F IWB @ 1550 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	47,725	33,566	14,159	2,802
80°	47,270	33,569	13,701	2,894
85°	46,816	33,566	13,250	2,986
90°	46,408	33,946	12,462	3,068
95°	46,000	34,314	11,686	3,149
100°	44,590	33,962	10,628	3,218
105°	43,179	33,566	9,613	3,287
110°	41,589	32,381	9,207	3,347
115°	39,998	31,193	8,805	3,407
TVA Conditions @ 95° OD DB, 75° ID DB, 63° ID WB				
95°	42,500	33,858	8,642	3,020

GSC140601AA / CA*F4860*6A* W/.096 Orifice Conditions: 80°F IDB, 67°F IWB @ 1750 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	57,290	39,535	17,755	3,579
80°	56,744	39,538	17,206	3,701
85°	56,199	39,535	16,664	3,824
90°	56,099	40,262	15,837	3,932
95°	56,000	40,986	15,014	4,040
100°	53,917	40,293	13,624	4,132
105°	51,834	39,535	12,299	4,224
110°	49,924	38,139	11,785	4,303
115°	48,015	36,739	11,275	4,382
TVA Conditions @ 95° OD DB, 75° ID DB, 63° ID WB				
95°	50,500	39,473	11,027	3,868

PERFORMANCE DATA

GSC14018-421B*

MODEL: GSC140181B*/CA*F3131B6A W/TXV Conditions: 80°F IDB, 67°F IWB @ 600 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	18,900	13,035	5,865	1,353
80°	18,675	13,043	5,632	1,392
85°	18,450	13,048	5,402	1,431
90°	18,225	13,097	5,128	1,466
95°	18,000	13,140	4,860	1,500
100°	17,550	13,054	4,496	1,529
105°	17,100	12,956	4,144	1,559
110°	16,470	12,531	3,939	1,584
115°	15,840	12,102	3,738	1,609

GSC140241B*/CA*F3636B6A W/.062 Orifice Conditions: 80°F IDB, 67°F IWB @ 800 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	25,200	17,618	7,582	1,805
80°	24,900	17,629	7,271	1,857
85°	24,600	17,636	6,964	1,909
90°	24,300	17,701	6,599	1,954
95°	24,000	17,760	6,240	2,000
100°	23,400	17,644	5,756	2,039
105°	22,800	17,511	5,289	2,078
110°	21,960	16,937	5,023	2,111
115°	21,120	16,357	4,763	2,144

GSC140301B*/CA*F3642C6A W/.067 Orifice Conditions: 80°F IDB, 67°F IWB @ 1000 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	30,240	21,427	8,813	2,080
80°	29,880	21,441	8,439	2,138
85°	29,520	21,449	8,071	2,197
90°	29,160	21,529	7,631	2,248
95°	28,800	21,600	7,200	2,300
100°	28,080	21,459	6,621	2,344
105°	27,360	21,298	6,062	2,388
110°	26,352	20,599	5,753	2,426
115°	25,344	19,894	5,450	2,463

GSC140361B*/CA*F3642C6A W/.073 Orifice Conditions: 80°F IDB, 67°F IWB @ 1200 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	35,700	25,633	10,067	2,555
80°	35,275	25,650	9,625	2,628
85°	34,850	25,659	9,191	2,701
90°	34,425	25,755	8,670	2,766
95°	34,000	25,840	8,160	2,830
100°	33,150	25,671	7,479	2,885
105°	32,300	25,478	6,822	2,940
110°	31,110	24,642	6,468	2,987
115°	29,920	23,799	6,121	3,034

GSC140421B*/CA*F4860C6A W/.080 Orifice Conditions: 80°F IDB, 67°F IWB @ 1250 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	42,000	28,570	13,430	2,996
80°	22,498	15,498	7,000	3,085
85°	2,996	2,090	906	3,173
90°	21,498	15,237	6,261	3,252
95°	40,000	28,800	11,200	3,330
100°	39,000	28,612	10,388	3,397
105°	38,000	28,397	9,603	3,463
110°	36,600	27,465	9,135	3,521
115°	35,200	26,525	8,675	3,578

PERFORMANCE DATA

GSC14018-361A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140181A* / CA*F3131*6A* +TXV Design Subcooling @ ARI 95°F Conditions, 9° ±3°F @ the Serv. Valve

		Outdoor Ambient Temperature																									
		65				75				85				95				105				115					
		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						
IDB*	Airflow	675	Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	21	18	14
			AMPS	4.1	4.2	4.3	4.5	4.4	4.5	4.7	4.8	4.8	4.9	5.1	5.2	5.1	5.2	5.4	5.6	5.4	5.6	5.7	5.9	5.7	5.9	6.1	6.3
			HI PR	137	147	155	162	153	165	174	182	174	188	198	207	199	214	226	236	224	241	254	265	247	266	281	293
			LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	86	94	101
	600	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15	
		AMPS	4.1	4.2	4.3	4.4	4.4	4.5	4.6	4.8	4.7	4.9	5.0	5.2	5.1	5.2	5.4	5.5	5.4	5.5	5.7	5.9	5.7	5.8	6.0	6.2	
		HI PR	135	146	154	160	152	163	173	180	173	186	196	205	197	212	224	233	221	238	252	262	245	263	278	290	
		LO PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	86	93	100	
	525	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15	
		AMPS	4.0	4.1	4.2	4.3	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.1	4.9	5.0	5.2	5.4	5.2	5.4	5.5	5.7	5.5	5.7	5.9	6.1	
		HI PR	131	141	149	156	147	159	167	175	168	180	190	199	191	205	217	226	215	231	244	254	237	255	270	281	
		LO PR	62	66	72	77	66	70	77	82	69	73	80	85	72	77	84	89	75	80	88	93	78	83	91	97	

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140241A* / CA*F3636*6A* / .061 Orifice, Design Superheat @ ARI 95°F conditions, 5° ±2°F @ the Serv. Vlv.

		Outdoor Ambient Temperature																									
		65				75				85				95				105				115					
		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						
IDB*	Airflow	900	Delta T	23	22	19	15	23	22	19	15	24	22	19	15	23	22	19	15	22	22	19	15	20	21	18	14
			AMPS	5.8	5.9	6.1	6.3	6.3	6.4	6.6	6.9	6.8	7.0	7.2	7.5	7.3	7.4	7.7	8.0	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0
			HI PR	146	157	166	173	164	177	187	195	187	201	212	221	213	229	242	252	239	257	272	284	264	285	300	313
			LO PR	65	69	76	81	69	73	80	85	72	76	83	88	75	80	87	93	79	84	91	97	81	87	95	101
	800	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15	
		AMPS	5.7	5.9	6.1	6.3	6.2	6.3	6.6	6.8	6.7	6.9	7.1	7.4	7.2	7.4	7.6	7.9	7.7	7.8	8.1	8.4	8.1	8.3	8.6	8.9	
		HI PR	145	156	165	172	163	175	185	193	185	199	210	219	211	227	239	250	237	255	269	281	262	282	297	310	
		LO PR	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	91	96	81	86	94	100	
	700	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	24	23	20	16	23	22	19	15	
		AMPS	5.6	5.7	5.9	6.1	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.0	7.2	7.4	7.7	7.4	7.6	7.9	8.2	7.9	8.1	8.4	8.7	
		HI PR	141	151	160	167	158	170	179	187	179	193	204	213	204	220	232	242	230	247	261	272	254	273	289	301	
		LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97	

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140301A* / CA*F3642*6A* / .067 Orifice, Design Superheat @ ARI 95°F Conditions, 5° ±2°F @ the Serv. Vlv.

		Outdoor Ambient Temperature																									
		65				75				85				95				105				115					
		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		
IDB*	Airflow	1125	Delta T	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	17	14
			AMPS	6.3	6.5	6.7	7.0	6.9	7.0	7.3	7.5	7.5	7.6	7.9	8.2	8.0	8.2	8.4	8.8	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.9
			HI PR	140	150	159	166	157	169	178	186	178	192	203	212	203	219	231	241	229	246	260	271	253	272	287	299
			LO PR	67	71	78	83	71	75	82	87	73	78	85	91	77	82	89	95	81	86	94	100	84	89	97	103
		1000	Delta T	23	22	19	15	24	23	20	16	24	23	20	16	24	23	20	16	23	22	19	16	21	21	18	15
			AMPS	6.3	6.4	6.6	6.9	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.3	8.9	9.1	9.5	9.9
			HI PR	138	149	157	164	155	167	177	184	177	190	201	209	201	217	229	239	226	244	257	268	250	269	284	296
			LO PR	66	70	77	82	70	74	81	86	73	77	84	90	76	81	89	94	80	85	93	99	83	88	96	102
		875	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
			AMPS	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.7	7.9	8.1	8.4	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.5
			HI PR	134	145	153	159	151	162	171	179	171	184	195	203	195	210	222	231	220	236	250	260	243	261	276	288
			LO PR	64	68	75	79	68	72	79	84	70	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140361A* / CA*F4860*6A* / .074 Orifice, Design Superheat @ ARI 95°F Conditions, 5° ±2°F @ the Serv. Vlv.

		Outdoor Ambient Temperature																									
		65				75				85				95				105				115					
		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						
IDB*	Airflow	1294	Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	20	18	14
			AMPS	7.4	7.6	7.8	8.1	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.6	9.3	9.6	9.9	10.3	9.9	10.2	10.5	10.9	10.5	10.8	11.2	11.6
			HI PR	139	149	158	165	156	168	177	185	177	191	201	210	202	217	229	239	227	244	258	269	251	270	285	297
			LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	86	94	101
	1150	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15	
		AMPS	7.3	7.5	7.8	8.0	7.9	8.1	8.4	8.7	8.6	8.8	9.1	9.5	9.2	9.5	9.8	10.2	9.8	10.1	10.4	10.8	10.4	10.7	11.1	11.5	
		HI PR	137	148	156	163	154	166	175	183	175	189	199	208	200	215	227	237	225	242	255	266	248	267	282	294	
		LO PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	86	93	100	
	1006	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	24	23	20	16	23	22	19	15	
		AMPS	7.1	7.3	7.5	7.8	7.7	7.9	8.2	8.5	8.4	8.6	8.9	9.2	9.0	9.2	9.5	9.9	9.6	9.8	10.1	10.5	10.1	10.4	10.8	11.2	
		HI PR	133	143	151	158	150	161	170	177	170	183	193	202	194	209	220	230	218	235	248	258	241	259	274	285	
		LO PR	62	66	72	77	66	70	77	82	69	73	80	85	72	77	84	89	75	80	88	93	78	83	91	97	

PERFORMANCE DATA

GSC14042-601A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140421A* / CA*F4860*6A* / .078 Orifice, Design Superheat @ ARI Conditions, 5° ±2°F @ the Serv. Vlv.

		Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		Entering Indoor Wet Bulb Temperature																								
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	1455	Delta T	23	22	19	15	23	22	19	15	23	22	19	16	23	22	20	16	22	22	19	15	21	21	18	14
		AMPS	8.8	9.0	9.4	9.7	9.6	9.8	10.1	10.5	10.4	10.7	11.1	11.5	11.2	11.5	11.8	12.3	11.9	12.2	12.6	13.1	12.6	13.0	13.4	13.9
		HI PR	146	157	166	173	164	177	186	194	187	201	212	221	213	229	241	252	239	257	272	283	264	284	300	313
		LO PR	64	69	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	81	86	94	100
	1300	Delta T	24	23	20	16	25	24	20	16	25	24	21	16	25	24	21	16	24	23	20	16	23	22	19	15
		AMPS	8.8	9.0	9.3	9.7	9.5	9.7	10.1	10.5	10.4	10.6	11.0	11.4	11.1	11.4	11.8	12.2	11.8	12.1	12.6	13.0	12.6	12.9	13.3	13.8
		HI PR	145	156	165	172	163	175	185	193	185	199	211	220	211	227	240	250	237	255	270	281	262	282	298	311
		LO PR	64	68	74	79	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99
	1155	Delta T	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	16
		AMPS	8.6	8.8	9.1	9.5	9.3	9.6	9.9	10.3	10.2	10.4	10.8	11.2	10.9	11.2	11.5	12.0	11.6	11.9	12.3	12.8	12.3	12.6	13.1	13.6
		HI PR	142	153	162	169	160	172	181	189	182	195	206	215	207	223	235	245	233	250	264	276	257	277	292	305
		LO PR	63	67	73	78	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140481A* / CA*F4860*6A* / .084 Orifice, Design Superheat @ ARI 95°F Conditions, 5°± 2°F @ the Serv. Vlv.

		Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		Entering Indoor Wet Bulb Temperature																								
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	1744	Delta T	23	22	19	15	23	22	19	15	23	22	19	16	23	22	20	16	22	22	19	15	20	21	18	14
		AMPS	10.0	10.2	10.6	11.0	10.8	11.1	11.5	11.9	11.8	12.1	12.5	13.0	12.6	13.0	13.4	13.9	13.5	13.8	14.3	14.9	14.3	14.7	15.2	15.8
		HI PR	139	150	158	165	156	168	177	185	177	191	202	210	202	218	230	240	227	245	258	269	251	270	285	298
		LO PR	65	69	76	81	69	73	80	85	72	76	83	88	75	80	87	93	79	84	91	97	81	87	95	101
	1550	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15
		AMPS	9.9	10.1	10.5	10.9	10.7	11.0	11.4	11.8	11.7	12.0	12.4	12.9	12.5	12.8	13.3	13.8	13.4	13.7	14.2	14.7	14.2	14.6	15.1	15.7
		HI PR	138	148	156	163	154	166	176	183	176	189	200	208	200	215	227	237	225	242	256	267	249	268	283	295
		LO PR	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	91	96	81	86	94	100
	1356	Delta T	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	23	22	19	15
		AMPS	9.6	9.8	10.2	10.6	10.4	10.7	11.0	11.5	11.4	11.6	12.0	12.5	12.2	12.5	12.9	13.4	13.0	13.3	13.8	14.3	13.8	14.1	14.6	15.2
		HI PR	134	144	152	158	150	161	170	178	170	183	194	202	194	209	221	230	218	235	248	259	241	260	274	286
		LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140601A* / CA*F4860*6A* / .096 Orifice, Design Superheat @ ARI 95°F Conditions, 5° ± 2°F @ the Serv. Vlv.

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1969	Delta T	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	23	24	20	16	22	22	19	15
		AMPS	12.1	12.4	12.8	13.3	13.1	13.4	13.9	14.5	14.3	14.7	15.2	15.8	15.3	15.7	16.3	16.9	16.4	16.8	17.4	18.1	17.4	17.8	18.5	19.2
		HI PR	141	152	160	167	158	170	180	188	180	194	205	213	205	221	233	243	231	248	262	274	255	274	290	302
		LO PR	63	67	73	78	66	71	77	82	69	73	80	85	73	77	84	90	76	81	88	94	79	84	91	97
	1750	Delta T	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	25	24	21	17	24	23	20	16
		AMPS	12.0	12.3	12.7	13.2	13.0	13.3	13.8	14.3	14.2	14.5	15.0	15.6	15.2	15.6	16.1	16.8	16.2	16.6	17.2	17.9	17.2	17.7	18.3	19.0
		HI PR	140	150	159	166	157	169	178	186	178	192	203	211	203	219	231	241	228	246	260	271	252	272	287	299
		LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	90	96
	1531	Delta T	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	17	24	23	20	16
		AMPS	11.6	11.9	12.3	12.8	12.6	12.9	13.4	13.9	13.8	14.1	14.6	15.2	14.8	15.1	15.7	16.3	15.8	16.2	16.7	17.4	16.7	17.2	17.8	18.5
		HI PR	136	146	154	161	152	164	173	180	173	186	197	205	197	212	224	234	222	239	252	263	245	264	278	290
		LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	93

PERFORMANCE DATA

GSC14018-361B*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140181B* / CA*F3131*6**+EEP

		Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		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	
IDB*	Airflow																									
80	675	DELTA T	23	22	19	15	23	22	19	15	24	22	19	15	23	22	19	15	22	22	19	15	20	21	18	14
		AMPS	4.1	4.2	4.3	4.5	4.4	4.5	4.7	4.8	4.8	4.9	5.1	5.2	5.1	5.2	5.4	5.6	5.4	5.6	5.7	5.9	5.7	5.9	6.1	6.3
		HI PR	135	145	153	159	151	162	172	179	172	185	195	203	196	210	222	232	220	237	250	261	243	262	276	288
		LO PR	64	68	74	79	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99
	600	DELTA T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
		AMPS	4.1	4.2	4.3	4.4	4.4	4.5	4.6	4.8	4.7	4.9	5.0	5.2	5.1	5.2	5.4	5.5	5.4	5.5	5.7	5.9	5.7	5.8	6.0	6.2
		HI PR	133	143	151	158	149	161	170	177	170	183	193	201	194	208	220	229	218	234	248	258	241	259	273	285
		LO PR	63	68	74	78	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	84	92	98
	525	DELTA T	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	24	23	20	16	23	22	19	15
		AMPS	4.0	4.1	4.2	4.3	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.1	4.9	5.0	5.2	5.4	5.2	5.4	5.5	5.7	5.5	5.7	5.9	6.1
		HI PR	129	139	147	153	145	156	165	172	165	177	187	195	188	202	213	223	211	227	240	250	233	251	265	277
		LO PR	62	65	71	76	65	69	76	80	68	72	78	84	71	76	82	88	74	79	86	92	77	82	89	95

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140241B* / CA*3636*6** +EEP

		Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		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	
IDB*	Airflow	Delta T	23	22	19	15	23	22	19	16	24	22	19	16	23	23	20	16	22	22	19	15	20	21	18	14
		AMPS	5.7	5.8	6.0	6.2	6.1	6.3	6.5	6.7	6.7	6.8	7.1	7.3	7.1	7.3	7.6	7.8	7.6	7.8	8.0	8.4	8.1	8.3	8.5	8.9
	HI PR	141	151	160	167	158	170	179	187	179	193	204	213	204	220	232	242	230	247	261	273	254	273	289	301	
	800	LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	90	96
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15
	80	AMPS	5.6	5.8	6.0	6.2	6.1	6.2	6.4	6.7	6.6	6.8	7.0	7.3	7.1	7.2	7.5	7.8	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8
		HI PR	139	150	158	165	156	168	178	185	178	191	202	211	202	218	230	240	228	245	259	270	252	271	286	298
	700	LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
		Delta T	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	25	24	20	16	23	22	19	15
	80	AMPS	5.5	5.6	5.8	6.0	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.1	6.9	7.0	7.3	7.6	7.3	7.5	7.8	8.0	7.8	7.9	8.2	8.5
		HI PR	135	145	153	160	152	163	172	180	172	186	196	204	196	211	223	233	221	238	251	262	244	263	277	289
		LO PR	60	64	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	80	87	92

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140301B* / CA*F3642*6** +EEP

		Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		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	
IDB*	Airflow																									
80	1125	Delta T	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	18	14
		AMPS	6.2	6.3	6.5	6.8	6.7	6.9	7.1	7.4	7.3	7.5	7.7	8.0	7.8	8.0	8.2	8.6	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.7
		HI PR	135	145	153	159	151	162	172	179	172	185	195	203	196	210	222	232	220	237	250	261	243	262	276	288
		LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	78	83	91	97	81	86	94	100
	1000	Delta T	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	18	15
		AMPS	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.6
		HI PR	133	143	151	158	149	161	170	177	170	183	193	201	194	208	220	229	218	234	248	258	241	259	273	285
		LO PR	64	68	75	79	68	72	79	84	70	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99
	875	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
		AMPS	6.0	6.1	6.3	6.5	6.5	6.6	6.8	7.1	7.0	7.2	7.4	7.7	7.5	7.7	7.9	8.2	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3
		HI PR	129	139	147	153	145	156	165	172	165	177	187	195	188	202	213	223	211	227	240	250	233	251	265	277
		LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	90	96

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140361BA / CA*F4860*6**+EEP

		Outdoor Ambient Temperature																									
		65				75				85				95				105				115					
		Entering Indoor Wet Bulb Temperature																									
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	1350	Delta T	22	21	19	15	23	22	19	15	22	22	19	15	22	22	19	15	21	21	19	15	19	20	18	14	
		AMPS	7.6	7.7	8.0	8.3	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.8	9.5	9.8	10.1	10.5	10.2	10.4	10.8	11.2	10.8	11.0	11.4	11.9	
	1200	HI PR	133	143	151	158	150	161	170	177	170	183	193	202	194	209	220	230	218	235	248	258	241	259	274	285	
		LO PR	66	70	76	81	69	74	80	86	72	77	84	89	76	80	88	94	79	84	92	98	82	87	95	101	
	1050	Delta T	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	20	16	21	21	18	15	
		AMPS	7.5	7.7	7.9	8.2	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.7	9.4	9.7	10.0	10.4	10.1	10.3	10.7	11.1	10.7	10.9	11.3	11.8	
			HI PR	132	142	150	156	148	159	168	176	168	181	191	200	192	206	218	227	216	232	245	256	238	257	271	283
			LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	86	94	100
			Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
			AMPS	7.3	7.5	7.7	8.0	7.9	8.1	8.3	8.7	8.6	8.8	9.1	9.4	9.2	9.4	9.7	10.1	9.8	10.0	10.4	10.8	10.4	10.6	11.0	11.4
			HI PR	128	138	145	152	144	155	163	170	163	176	186	194	186	200	211	221	209	225	238	248	231	249	263	274
			LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97

PERFORMANCE DATA

GSC140421B*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSC140421BA / CA*F4860*6**+EEP

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1406	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	25	23	20	16	23	23	20	16	22	22	19	15
		AMPS	9.1	9.4	9.7	10.1	9.9	10.2	10.5	10.9	10.8	11.1	11.5	11.9	11.6	11.9	12.3	12.8	12.4	12.7	13.1	13.6	13.1	13.4	13.9	14.5
		HI PR	142	153	161	168	159	171	181	189	181	195	206	215	206	222	234	244	232	250	264	275	256	276	291	304
		LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97
	1250	Delta T	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	20	16
		AMPS	9.1	9.3	9.6	10.0	9.8	10.1	10.4	10.8	10.7	11.0	11.4	11.8	11.5	11.8	12.2	12.6	12.2	12.5	13.0	13.5	13.0	13.3	13.8	14.3
		HI PR	140	151	160	166	158	170	179	187	179	193	204	212	204	220	232	242	230	247	261	272	254	273	288	301
		LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	84	89	75	80	88	93	78	83	91	96
	1094	Delta T	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	25	24	21	17	24	23	20	16
		AMPS	8.8	9.0	9.3	9.7	9.5	9.8	10.1	10.5	10.4	10.7	11.0	11.5	11.1	11.4	11.8	12.3	11.9	12.2	12.6	13.1	12.6	12.9	13.4	13.9
		HI PR	136	147	155	161	153	165	174	181	174	187	198	206	198	213	225	235	223	240	253	264	246	265	280	292
		LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94

PERFORMANCE DATA

PERFORMANCE TEST

All data based upon listed indoor dry bulb temperature. .00 inches external static pressure on coil of outdoor section. Indoor air cubic feet per minute (CFM) as listed in the Performance Data Sheets:

If conditions vary from this, results will change as follows:

1. As indoor dry bulb temperatures increase, a slight increase will occur in indoor air temperature drop (Delta T). Low and high side pressures and power will not change.
2. As indoor CFM decreases, a slight increase will occur in indoor temperature drop (Delta T). A slight decrease will occur in low and high side pressures and power.

A properly operating unit should be within plus or minus 2 **degrees** of the subcooling value shown in the installation instructions.

A properly operating unit should be within plus or minus **3 degrees** of the typical (Delta T) value shown.

A properly operating unit should be within plus or minus **10 PSIG** of the **HI PR** shown.

A properly operating unit should be within plus or minus **5 PSIG** of the **LO PR** shown.

A properly operating unit should be within plus or minus **3 Amps** of the typical value shown.

NOTE: Pressures are measures at the liquid and suction service valve ports.

WIRING DIAGRAMS

GSC140[18-60]1A*/1B*

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.

