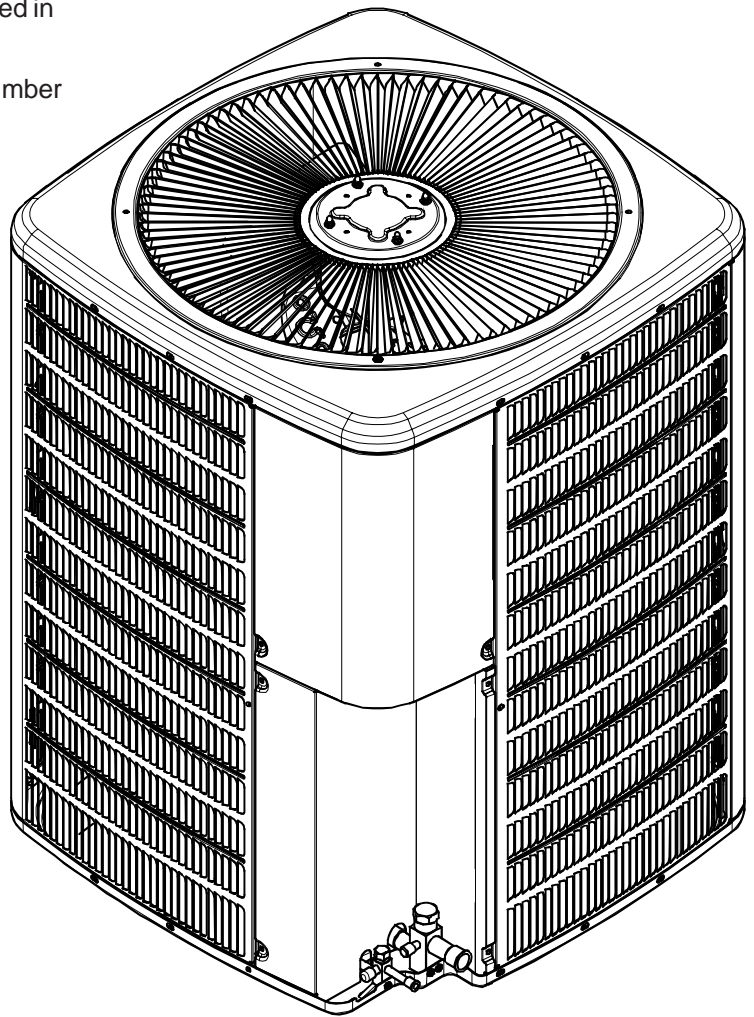


TECHNICAL INFORMATION MANUAL

GSC 14 SEER Condensing Units

Models listed
on page 3

- 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.



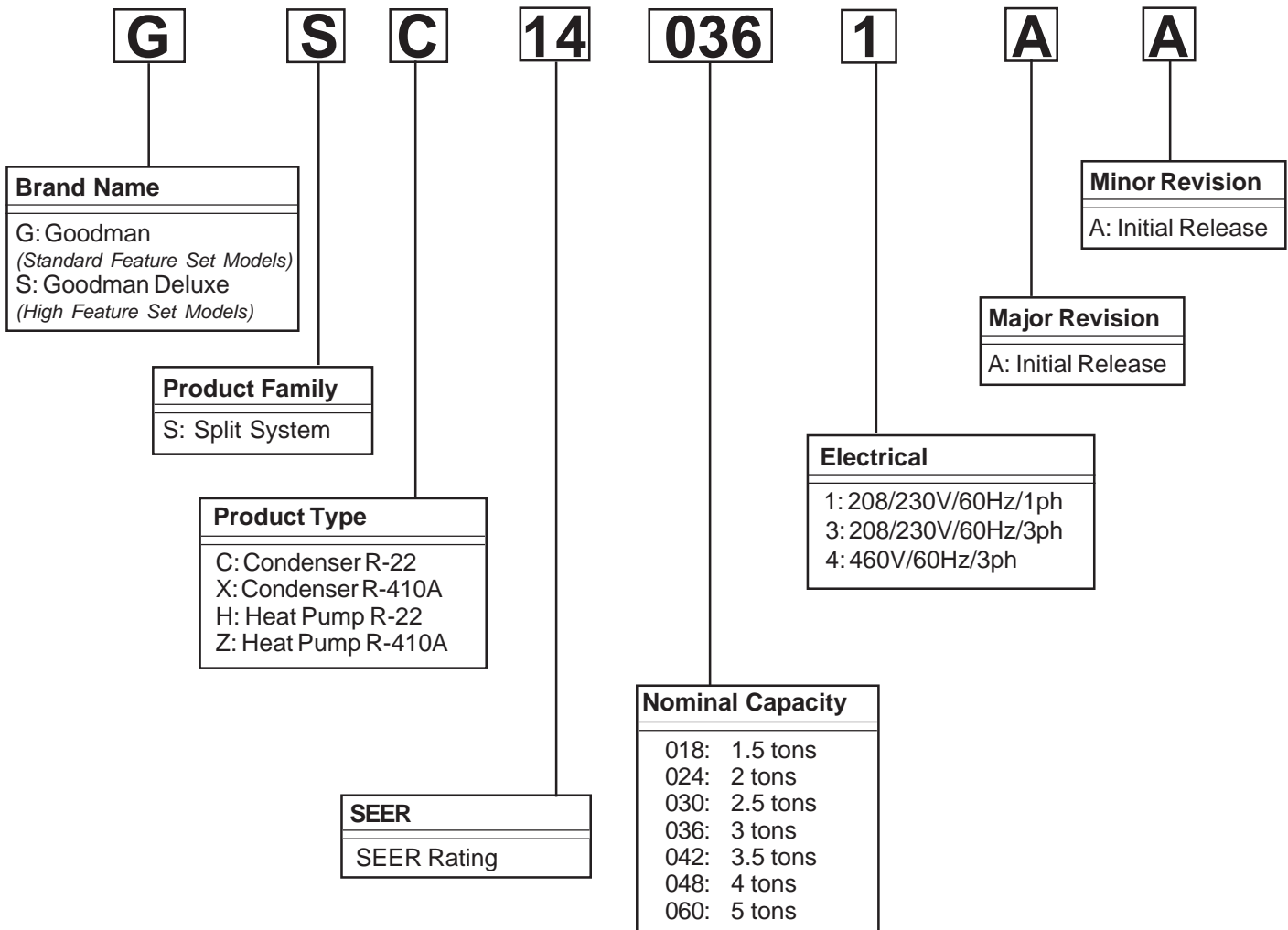
Goodman[®]


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.

RT6113002 Rev. 2
March 2007

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

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 and Refrigeration Institute (ARI). Attempting to install or repair this unit without such background may result in product 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.

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*

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



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.



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.



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.

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.

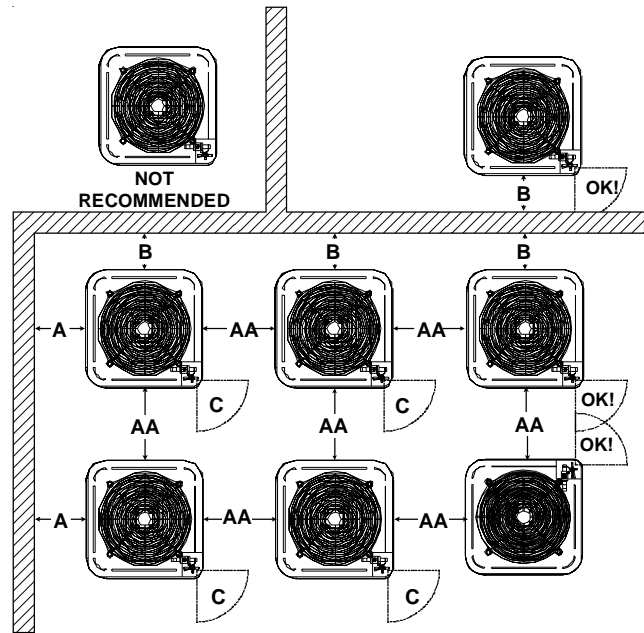
Operating pressures, amp draws and minimum circuit ampacity may differ from standard reciprocating compressors. This information may be found in the "Cooling Performance Data" section and should be reviewed prior to installation of the condenser.

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

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	189.0	279.0

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.

EXPANDED PERFORMANCE DATA

COOLING OPERATION

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

COOLING PERFORMANCE DATA

		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	
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	-
		HI PR	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	-	
	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	-
		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	-
		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	-
		HI PR	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	-	
	525	MBh	15.8	16.4	17.9	-	15.4	16.0	17.5	-	15.1	15.6	17.1	-	14.7	15.2	16.7	-	14.0	14.5	15.9	-	12.9	13.4	14.7	-
		S/T	0.67	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	-	
HI PR		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	-		

75	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	0.74	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	0.41
		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	10
		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	1.72
		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	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	
	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	0.53	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	0.39
		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	10
		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	1.71
		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	6.2
		HI PR	134	144	152	159	150	162	171	178	171	184	194	203	195	210	221	231	219	236	249	260	242	261	275	287
	LO PR	64	68	74	79	67	72	78	83	70	74	81	87	73	78	85	91	77	82	89	95	80	85	93	99	
	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	0.76	0.68	0.52	0.33	0.79	0.71	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.87	0.78	0.59	0.38
		Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10
		KW	1.24	1.26	1.30	1.33	1.32	1.34	1.38	1.42	1.39	1.42	1.45	1.49	1.45	1.48	1.52	1.56	1.50	1.53	1.57	1.62	1.55	1.58	1.62	1.67
AMPS		3.9	4.0	4.1	4.3	4.2	4.3	4.5	4.6	4.6	4.7	4.8	5.0	4.9	5.0	5.2	5.3	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0	
HI PR		130	140	148	154	146	157	166	173	166	179	189	197	189	203	215	224	213	229	242	252	235	253	267	278	
LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	96		

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

GSC140181A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

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

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		
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							
		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	1.00	0.80	0.59							
		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							
		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	1.60	1.64	1.68	1.73							
		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	MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3	14.5	14.8	15.8	16.9							
		S/T	0.87	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	0.99	0.93	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	18	15							
		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	1.72							
		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	MBh	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	15.2	15.6	16.6	17.8	14.5	14.8	15.8	16.9	13.4	13.7	14.6	15.6							
		S/T	0.84	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	0.96	0.90	0.73	0.55							
		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							
		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	1.56	1.59	1.63	1.68							
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									

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	15.2	15.5	16.2	17.3
		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	1.00	1.00	0.95	0.77
		Delta T	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	22	23	23	20	21	21	21	18
		KW	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	1.62	1.65	1.70	1.75
		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	5.8	5.9	6.1	6.4
		HI PR	138	149	157	164	155	167	176	184	176	190	200	209	201	216	228	238	226	243	257	268	249	268	284	296
	LO PR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	79	84	92	98	82	87	95	102	
	600	MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	14.8	15.0	15.8	16.8
		S/T	0.91	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	1.00	1.00	0.91	0.74
		Delta T	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	24	25	23	20	23	23	22	19
		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	1.60	1.64	1.68	1.73
		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	
	525	MBh	16.6	17.0	17.8	19.0	16.3	16.6	17.4	18.5	15.9	16.2	16.9	18.1	15.5	15.8	16.5	17.6	14.7	15.0	15.7	16.8	13.6	13.9	14.5	15.5
		S/T	0.88	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	1.00	0.97	0.88	0.71
		Delta T	26	25	24	21	26	25	24	21	26	25	24	21	26	26	24	21	26	25	24	21	24	24	22	19
		KW	1.26	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	1.57	1.60	1.65	1.69
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	5.6	5.7	5.9	6.1	
HI PR		133	143	151	157	149	160	169	176	169	182	192	201	193	207	219	228	217	233	246	257	240	258	272	284	
LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	89	94	79	84	92	97		

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

GSC140181A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

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

COOLING PERFORMANCE DATA

		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	
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	-	19.3	19.9	21.9	-
		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	-	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	-
		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	-	2.08	2.12	2.19	-
		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	-	8.0	8.2	8.5	-
		HI PR	143	154	163	-	161	173	183	-	183	197	208	-	208	224	237	-	234	252	266	-	259	279	294	-
	LO PR	64	68	74	-	67	72	78	-	70	75	81	-	74	78	86	-	77	82	90	-	80	85	93	-	
	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	-	18.7	19.4	21.2	-
		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	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		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	-	2.06	2.11	2.17	-
		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	-	8.0	8.2	8.4	-
		HI PR	142	153	161	-	159	171	181	-	181	195	206	-	206	222	235	-	232	250	264	-	257	276	292	-
	LO PR	63	67	73	-	67	71	78	-	69	74	81	-	73	78	85	-	76	81	89	-	79	84	92	-	
	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	-	17.2	17.8	19.5	-
		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	-	0.78	0.65	0.45	-
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	13	-	19	16	12	-	18	15	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	-	2.01	2.06	2.12	-
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	-	7.7	7.9	8.2	-	
HI PR		138	148	157	-	155	166	176	-	176	189	200	-	200	215	227	-	225	242	256	-	249	268	283	-	
LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-		

75	900	MBh	24.0	24.7	26.8	28.7	23.4	24.1	26.0	27.9	22.9	23.6	25.5	27.4	22.2	22.9	24.8	26.6	21.1	21.8	23.6	25.3	19.6	20.2	21.8	23.4
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.79	0.59	0.38	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.42	0.96	0.85	0.65	0.42
		Delta T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	14	10
		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	
	800	MBh	23.3	24.0	26.0	27.9	22.7	23.4	25.3	27.1	22.2	22.9	24.8	26.6	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7
		S/T	0.79	0.71	0.54	0.34	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.91	0.81	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	1.63	1.66	1.71	1.76	1.74	1.78	1.83	1.89	1.85	1.88	1.94	2.00	1.94	1.98	2.04	2.10	2.01	2.06	2.12	2.19	2.08	2.12	2.19	2.26
		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
		HI PR	143	154	163	170	161	173	183	191	183	197	208	217	208	224	237	247	235	252	267	278	259	279	294	307
	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	
	700	MBh	21.5	22.1	23.9	25.7	20.9	21.5	23.3	24.9	20.5	21.1	22.8	24.5	19.9	20.5	22.1	23.8	18.9	19.4	21.0	22.6	17.5	18.0	19.5	20.9
		S/T	0.77	0.68	0.52	0.33	0.80	0.71	0.54	0.35	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.88	0.79	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	1.59	1.62	1.67	1.72	1.71	1.74	1.79	1.85	1.80	1.84	1.90	1.95	1.89	1.93	1.99	2.05	1.97	2.01	2.07	2.13	2.03	2.07	2.14	2.21
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	
HI PR		139	150	158	165	156	168	177	185	178	191	202	210	202	218	230	240	228	245	259	270	251	271	286	298	
LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96		

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

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				
		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	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	0.95	0.89	0.72	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	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	
	800	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	
	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	25	24	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	7.9	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	

85	900	MBh	24.9	25.4	26.6	28.4	24.2	24.7	25.8	27.6	23.7	24.2	25.3	27.0	23.0	23.5	24.6	26.3	21.9	22.3	23.4	24.9	20.3	20.7	21.6	23.1
		S/T	0.95	0.92	0.83	0.67	0.99	0.96	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
		Delta T	24	24	23	20	24	24	23	20	24	24	23	20	24	24	23	20	22	23	23	20	21	21	21	18
		KW	1.67	1.70	1.75	1.80	1.78	1.82	1.88	1.93	1.89	1.93	1.99	2.05	1.98	2.02	2.09	2.15	2.06	2.10	2.17	2.24	2.13	2.17	2.24	2.32
		AMPS	5.8	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.9	7.0	7.3	7.5	7.3	7.5	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.1
		HI PR	148	159	168	175	166	178	188	197	189	203	214	224	215	231	244	255	242	260	275	286	267	287	303	316
	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	
	800	MBh	24.2	24.6	25.8	27.5	23.5	23.9	25.1	26.8	23.0	23.5	24.6	26.3	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	0.91	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	0.74
		Delta T	25	25	23	20	26	25	24	21	26	25	24	21	26	25	24	21	24	25	24	21	23	23	22	19
		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	
	700	MBh	22.2	22.7	23.7	25.3	21.6	22.0	23.1	24.6	21.2	21.6	22.6	24.2	20.6	21.0	22.0	23.4	19.5	19.9	20.9	22.3	18.1	18.5	19.3	20.6
		S/T	0.88	0.85	0.77	0.62	0.91	0.88	0.80	0.65	0.93	0.90	0.81	0.66	0.97	0.94	0.84	0.68	1.00	0.98	0.88	0.71	1.00	0.98	0.88	0.72
		Delta T	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	26	26	24	21	24	24	22	19
		KW	1.62	1.65	1.70	1.75	1.73	1.77	1.82	1.87	1.83	1.87	1.93	1.99	1.92	1.96	2.02	2.08	2.00	2.04	2.10	2.17	2.06	2.11	2.17	2.24
		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	8.4	8.8
		HI PR	142	153	161	168	159	171	181	189	181	195	206	215	206	222	234	245	232	250	264	275	256	276	291	304
	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	

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

GSC140241A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

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

COOLING PERFORMANCE DATA

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	
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	-
		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	-	
	1000	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	-
		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	-	
	875	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	-
		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
		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	
	1000	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
		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	
	875	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
		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	
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		

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

GSC140301A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

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

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		
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	
		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	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.61	
		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	
		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		
	1000	MBh	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	
		S/T	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	
		Delta T	23	22	19	15	23	23	20	16	23	23	20	16	24	23	20	16	23	23	20	16	21	21	18	15	
		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	
		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	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	
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			
85	1125	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	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.79	
		Delta T	24	23	22	19	24	24	22	19	23	24	22	19	23	23	23	20	21	22	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		
	1000	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	1.00	1.00	0.93	0.76	
		Delta T	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	23	24	23	20	22	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		
	875	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	1.00	1.00	0.90	0.73	
		Delta T	25	25	23	20	25	25	24	21	25	25	24	21	26	25	24	21	25	25	24	21	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			

COOLING PERFORMANCE DATA

GSC140301A*

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

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

		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	
70	1294	MBh	33.5	34.7	38.0	-	32.5	33.7	37.0	-	31.9	33.1	36.3	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.78	0.66	0.45	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
		Delta T	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		KW	1.99	2.03	2.10	-	2.14	2.19	2.26	-	2.28	2.33	2.40	-	2.39	2.45	2.53	-	2.49	2.55	2.63	-	2.58	2.64	2.73	-
		AMPS	7.3	7.4	7.7	-	7.9	8.0	8.3	-	8.5	8.8	9.1	-	9.1	9.4	9.7	-	9.7	10.0	10.3	-	10.3	10.6	11.0	-
		HI PR	136	146	155	-	153	164	173	-	174	187	197	-	198	213	225	-	222	239	253	-	246	264	279	-
	LO PR	64	68	74	-	67	72	78	-	70	74	81	-	73	78	85	-	77	82	89	-	80	85	92	-	
	1150	MBh	32.5	33.7	36.9	-	31.6	32.7	35.9	-	31.0	32.1	35.2	-	30.1	31.2	34.2	-	28.6	29.6	32.5	-	26.5	27.4	30.1	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		KW	1.98	2.02	2.08	-	2.13	2.17	2.24	-	2.26	2.31	2.38	-	2.38	2.43	2.51	-	2.47	2.53	2.61	-	2.56	2.62	2.70	-
		AMPS	7.2	7.4	7.6	-	7.8	8.0	8.2	-	8.5	8.7	9.0	-	9.1	9.3	9.6	-	9.7	9.9	10.2	-	10.2	10.5	10.9	-
		HI PR	135	145	153	-	151	163	172	-	172	185	195	-	196	211	222	-	220	237	250	-	243	262	277	-
	LO PR	63	67	73	-	67	71	77	-	69	74	80	-	73	77	84	-	76	81	89	-	79	84	92	-	
	1006	MBh	29.9	31.0	34.0	-	29.1	30.1	33.0	-	28.5	29.5	32.4	-	27.7	28.7	31.4	-	26.3	27.2	29.9	-	24.4	25.2	27.7	-
		S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.63	0.44	-	0.78	0.66	0.45	-	0.79	0.66	0.46	-
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	13	-	19	16	12	-	18	15	12	-
		KW	1.93	1.97	2.03	-	2.08	2.12	2.19	-	2.20	2.25	2.32	-	2.32	2.37	2.44	-	2.41	2.47	2.55	-	2.50	2.55	2.63	-
AMPS		7.0	7.2	7.4	-	7.6	7.8	8.0	-	8.2	8.4	8.7	-	8.8	9.0	9.3	-	9.4	9.6	9.9	-	10.0	10.2	10.6	-	
HI PR		131	141	148	-	147	158	167	-	167	179	189	-	190	204	216	-	214	230	243	-	236	254	268	-	
LO PR	61	65	71	-	65	69	75	-	67	71	78	-	71	75	82	-	74	79	86	-	76	81	89	-		

75	1294	MBh	34.0	35.1	37.9	40.7	33.1	34.1	36.9	39.6	32.5	33.4	36.2	38.8	31.5	32.5	35.1	37.7	29.9	30.8	33.4	35.8	27.7	28.6	30.9	33.2
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.93	0.83	0.63	0.40	0.97	0.86	0.65	0.42	0.97	0.87	0.66	0.42
		Delta T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	14	10
		KW	2.01	2.05	2.11	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	
	1150	MBh	33.0	34.0	36.8	39.5	32.1	33.1	35.8	38.4	31.5	32.5	35.1	37.7	30.6	31.5	34.1	36.6	29.1	29.9	32.4	34.8	26.9	27.7	30.0	32.2
		S/T	0.80	0.72	0.54	0.35	0.83	0.75	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.92	0.83	0.63	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	1.99	2.04	2.10	2.16	2.14	2.19	2.26	2.33	2.28	2.33	2.40	2.48	2.40	2.45	2.53	2.61	2.50	2.55	2.63	2.72	2.58	2.64	2.73	2.82
		AMPS	7.3	7.4	7.7	8.0	7.9	8.0	8.3	8.6	8.5	8.8	9.1	9.4	9.2	9.4	9.7	10.1	9.8	10.0	10.3	10.7	10.3	10.6	11.0	11.4
		HI PR	136	146	155	161	153	164	173	181	174	187	197	206	198	213	225	234	222	239	253	264	246	265	279	291
	LO PR	64	68	74	79	67	72	78	83	70	74	81	87	73	78	85	91	77	82	89	95	80	85	93	99	
	1006	MBh	30.4	31.3	33.9	36.3	29.6	30.4	32.9	35.3	29.0	29.9	32.3	34.7	28.2	29.0	31.4	33.7	26.7	27.5	29.8	32.0	24.8	25.5	27.6	29.6
		S/T	0.78	0.69	0.53	0.34	0.81	0.72	0.55	0.35	0.82	0.74	0.56	0.36	0.86	0.76	0.58	0.37	0.89	0.80	0.60	0.39	0.89	0.80	0.61	0.39
		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	1.95	1.99	2.05	2.11	2.09	2.14	2.20	2.28	2.22	2.27	2.34	2.42	2.34	2.39	2.46	2.55	2.43	2.49	2.57	2.65	2.52	2.57	2.66	2.75
AMPS		7.1	7.2	7.5	7.8	7.6	7.8	8.1	8.4	8.3	8.5	8.8	9.1	8.9	9.1	9.4	9.8	9.5	9.7	10.0	10.4	10.0	10.3	10.7	11.1	
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	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	96		

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

GSC140361A*

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																								
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	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	22	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
		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
		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
		LO 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
85	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
		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
		Delta T	24	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	22	22	23	20	20	21	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
		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
		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
	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
		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
		Delta T	25	25	23	20	26	25	24	21	26	25	24	21	25	25	24	21	24	25	24	21	22	23	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
		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
		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
	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
		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
		Delta T	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	25	26	24	21	23	24	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
		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
		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

COOLING PERFORMANCE DATA

GSC140361A*

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

EXPANDED PERFORMANCE DATA

COOLING OPERATION

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

COOLING PERFORMANCE DATA

		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	
70	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	-		

75	1455	MBh	39.7	40.8	44.2	47.4	38.6	39.7	43.0	46.1	37.8	39.0	42.2	45.2	36.7	37.8	40.9	43.9	34.9	35.9	38.9	41.7	32.3	33.3	36.0	38.6
		S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		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	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
		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	78	84	70	75	82	87	74	78	86	91	77	82	90	96	80	85	93	99	
	1300	MBh	38.9	40.0	43.3	46.5	37.8	38.9	42.1	45.2	37.1	38.2	41.3	44.3	36.0	37.1	40.1	43.0	34.2	35.2	38.1	40.9	31.7	32.6	35.3	37.9
		S/T	0.79	0.71	0.54	0.34	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	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	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	3.25	3.07	3.14	3.25	3.36
		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	13.7
		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	308
	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	98	
	1155	MBh	36.9	38.0	41.2	44.2	35.9	37.0	40.0	42.9	35.2	36.3	39.3	42.1	34.2	35.2	38.1	40.9	32.5	33.5	36.2	38.8	30.1	31.0	33.5	36.0
		S/T	0.76	0.68	0.51	0.33	0.79	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.87	0.78	0.59	0.38
		Delta T	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11
		KW	2.31	2.36	2.44	2.52	2.49	2.55	2.63	2.72	2.65	2.71	2.80	2.90	2.80	2.86	2.95	3.06	2.92	2.98	3.08	3.19	3.02	3.09	3.19	3.30
AMPS		8.5	8.7	9.0	9.4	9.2	9.5	9.8	10.2	10.1	10.3	10.7	11.1	10.8	11.1	11.4	11.9	11.5	11.8	12.2	12.7	12.2	12.5	12.9	13.5	
HI PR		141	152	160	167	158	170	180	187	180	193	204	213	205	220	233	243	230	248	262	273	254	274	289	302	
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		

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

GSC140421A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

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

COOLING PERFORMANCE DATA

		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	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			
	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				
	1300	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			
		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	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			
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					

85	1455	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	38.1
		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	0.77
		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	19
		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	3.45
		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	14.1
		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	317
	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	101	
	1300	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	37.4
		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	0.74
		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	20
		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
	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	
	1155	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	35.5
		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	0.71
		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	20
		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	3.36
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	13.7	
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	308	
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	98		

GSC140421A*

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

EXPANDED PERFORMANCE DATA

COOLING OPERATION

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

COOLING PERFORMANCE DATA

		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	
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	-
		S/T	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	-
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	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	-
		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	-
		HI PR	136	147	155	-	153	165	174	-	174	187	198	-	198	213	225	-	223	240	253	-	246	265	280	-
	LO PR	64	68	74	-	67	72	78	-	70	75	81	-	74	78	86	-	77	82	90	-	80	85	93	-	
	1550	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	-
		S/T	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	-
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		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	-
		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	-
		HI PR	135	145	153	-	151	163	172	-	172	185	196	-	196	211	223	-	221	237	251	-	244	262	277	-
	LO PR	63	67	73	-	67	71	78	-	69	74	81	-	73	78	85	-	76	81	89	-	79	84	92	-	
	1356	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	-
		S/T	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	-
		Delta T	19	16	12	-	19	16	13	-	19	16	13	-	19	17	13	-	19	16	13	-	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	-
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	-	
HI PR		131	141	149	-	147	158	167	-	167	180	190	-	190	205	216	-	214	230	243	-	236	254	269	-	
LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	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
		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	0.93	0.84	0.63	0.41	0.97	0.87	0.66	0.42	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
		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
		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
		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	
	1550	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
		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	0.40	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
		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
		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
		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	64	68	74	79	67	72	78	83	70	75	81	87	74	78	86	91	77	82	90	95	80	85	93	99	
	1356	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
		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	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	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
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	
HI PR		132	142	150	157	148	160	169	176	169	182	192	200	192	207	218	228	216	233	246	256	239	257	271	283	
LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96		

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

GSC140481A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

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

COOLING PERFORMANCE DATA

		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	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
		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
		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
		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
		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	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
		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
		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
		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
		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	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
		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
		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
		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
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		

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	43.0
		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
		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	
	1356	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		

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

GSC140481A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

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

COOLING PERFORMANCE DATA

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		
70	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	-	
		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	-	
		Delta T	19	16	12	-	19	16	13	-	19	16	13	-	19	17	13	-	19	16	13	-	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	-	
		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	-	
		LO PR	138	149	157	-	155	167	176	-	177	190	201	-	201	216	228	-	226	243	257	-	250	269	284	-	
LO PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	74	79	87	-	77	82	89	-			
70	1750	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	-	
		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	-	
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	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	-	
		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	-	
		LO PR	137	147	156	-	154	165	175	-	175	188	199	-	199	214	226	-	224	241	254	-	247	266	281	-	
LO PR	61	65	71	-	64	69	75	-	67	71	78	-	70	75	82	-	74	78	86	-	76	81	89	-			
70	1531	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	-	
		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	-	
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	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	-	
		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	-	
		LO PR	133	143	151	-	149	160	169	-	170	182	193	-	193	208	219	-	217	234	247	-	240	258	273	-	
LO PR	59	63	69	-	63	67	73	-	65	69	75	-	68	73	79	-	72	76	83	-	74	79	86	-			
75	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	
		LO 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		
	75	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
LO 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			
75	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	
		LO 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			

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

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.

COOLING PERFORMANCE DATA

		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	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
		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
		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
		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
		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	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
		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
		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
		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
		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	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
		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
		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
		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
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		

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	51.1	52.1	54.5	58.2	47.3	48.2	50.5	53.9
		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	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
		Delta T	26	26	24	21	26	26	24	21	26	26	24	21	25	26	25	21	24	24	24	21	22	23	23	20
		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	4.06	4.15	4.30	4.45	4.21	4.31	4.46	4.62
		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	16.5	17.0	17.6	18.3	17.6	18.0	18.6	19.4
		HI PR	143	153	162	169	160	172	182	190	182	196	207	216	207	223	235	246	233	251	265	276	258	277	293	305
	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	
	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	49.6	50.5	52.9	56.5	45.9	46.8	49.0	52.3
		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	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74
		Delta T	27	27	25	22	27	27	25	22	27	27	25	22	27	27	26	22	26	27	25	22	24	25	24	20
		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
		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	
	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	45.6	46.5	48.7	52.0	42.3	43.1	45.1	48.1
		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	1.00	0.98	0.88	0.72	1.00	0.98	0.89	0.72
		Delta T	27	27	26	22	28	27	26	22	28	27	26	22	28	28	26	23	27	27	26	22	25	25	24	21
		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	3.91	4.01	4.15	4.30	4.06	4.16	4.30	4.46
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	15.9	16.3	16.9	17.5	16.9	17.3	17.9	18.6	
HI PR		137	147	156	162	154	165	175	182	175	188	199	207	199	214	226	236	224	241	254	265	247	266	281	293	
LO PR	61	65	71	75	64	69	75	80	67	71	78	83	70	75	82	87	74	78	86	91	76	81	89	94		

GSC140601A*

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

PERFORMANCE DATA

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

EXPANDED PERFORMANCE DATA

COOLING OPERATION

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

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				
80	600	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							
525	600	Delta T	24	23	20	16	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							

EXPANDED PERFORMANCE DATA

COOLING OPERATION

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

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				
80	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	800	Delta T	24	23	20	16	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	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.

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				
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	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							
80	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	9.8							
		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	875	Delta T	24	23	20	16	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.

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				
80	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	17	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							
80	1150	Delta T	24	23	20	16	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							
80	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

EXPANDED PERFORMANCE DATA

COOLING OPERATION

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

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								
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	25	24	21	17							
		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.

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								
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.

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								
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							

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

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.

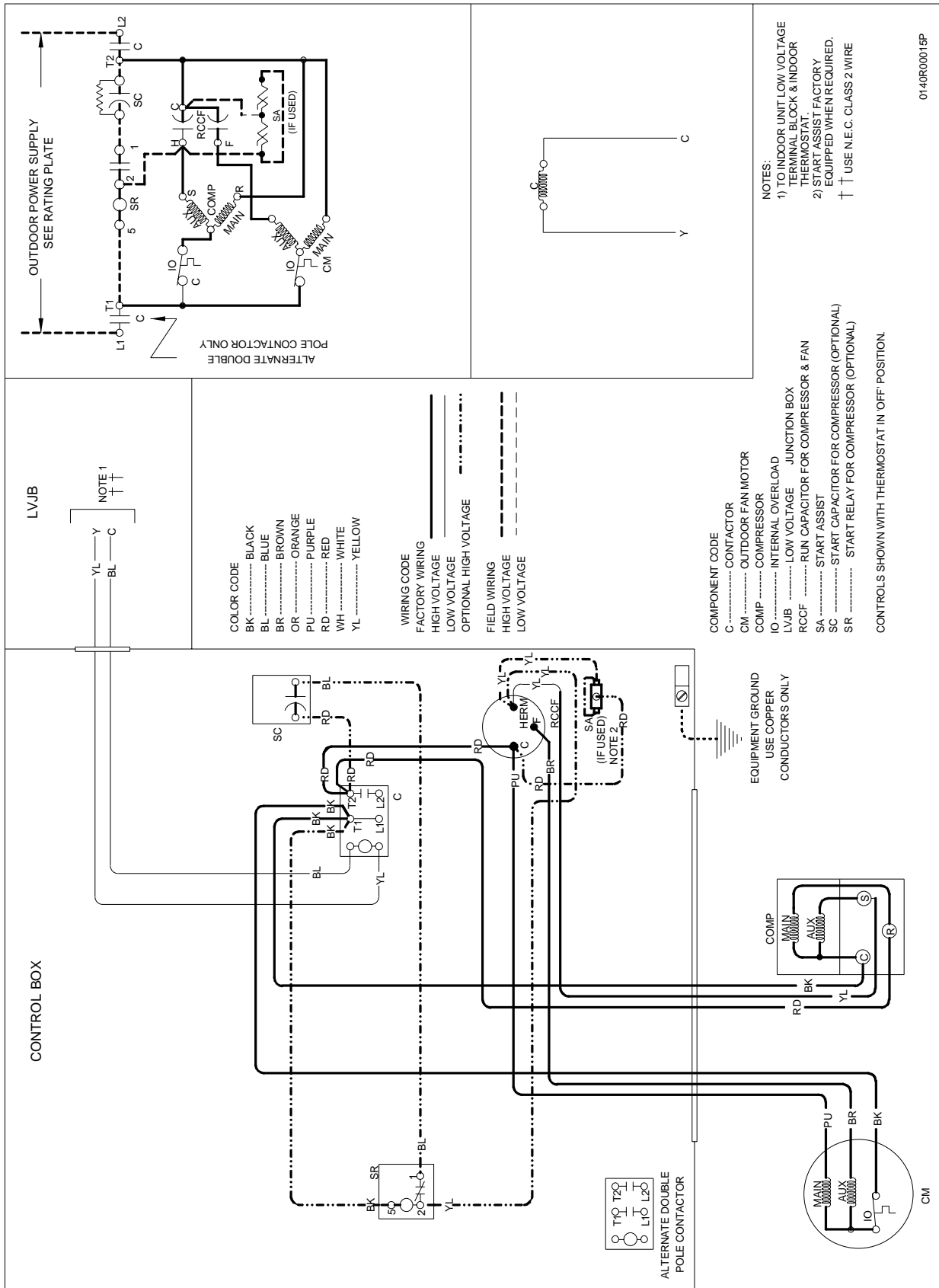
WIRING DIAGRAMS

GSC140[18-60]1A*

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.



- NOTES:
- 1) TO INDOOR UNIT, LOW VOLTAGE TERMINAL BLOCK & INDOOR THERMOSTAT.
 - 2) START ASSIST FACTORY EQUIPPED WHEN REQUIRED.
- ++ USE N.E.C. CLASS 2 WIRE

CONTROLS SHOWN WITH THERMOSTAT IN OFF POSITION

01-40R00015P

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