

Model	DSG1503WL00001F	DSG1503WM00001F	DSG1503WH00001F	DSG1504WL00001F	DSG1504WM00001F
COOLING CAPACITY					
Total, BTU/h	140,000	140,000	140,000	140,000	140,000
IEER / EER	15.2/11.4	15.2/11.4	15.2/11.4	15.2/11.4	15.2/11.4
AHRI Reference #	215440974	215440974	215440974	215440975	215440975
HEATING CAPACITY					
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM
No. of Burners	5	6	7	5	6
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	240/194.4	130/105.3	180/145.8
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.4	180/145.8	97.5/79	135/109.4
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25-55	25-55	30-60	25-55	25-55
Low Stage Temperature Rise Range (°F)	25-55	25-55	30-60	25-55	25-55
EVAPORATOR MOTOR / RTPF (ROUND TUBE PLATE FIN)					
Motor Type	Direct Drive	Direct Drive	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	High	High	High	High	High
Wheel Dia. X Width	15x15	15x15	15x15	15x15	15x15
Indoor Nominal CFM	4200	4200	4200	4200	4200
RPM	300-1600	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	5.0	5.0	5.0	5.0	5.0
Filter Size (in)	20 X 25 X 2 (2) 25 X 25 X 2 (2)	20 X 25 X 2 (2) 25 X 25 X 2 (2)	20 X 25 X 2 (2) 25 X 25 X 2 (2)	20 X 25 X 2 (2) 25 X 25 X 2 (2)	20 X 25 X 2 (2) 25 X 25 X 2 (2)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	110/111	110/111	110/111	110/111	110/111
Evaporator Coil Face Area (ft²)	16.2	16.2	16.2	16.2	16.2
Rows Deep/ Fins per Inch	4 / 16	4 / 16	4 / 16	4 / 16	4 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)					
Quantity of Condenser Fan Motors	2	2	2	2	2
RPM (High/Low stage)	1130	1130	1130	1115	1115
Outdoor Horsepower	1/2	1/2	1/2	1/2	1/2
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3	22 / 3	22 / 3
Face Area (ft²)	40.8	40.8	40.8	40.8	40.8
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR					
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	19.2/157	19.2/157	19.2/157	9.0/74.8	9.0/74.8
ELECTRICAL DATA					
Voltage-Phase-Frequency	208/230-3-60	208/230-3-60	208/230-3-60	460-3-60	460-3-60
Indoor Blower FLA	14.5	14.5	14.5	10.6	10.6
Max External Static (In. W.C.)	1.8	1.8	1.8	1.8	1.8
Outdoor Fan FLA	2.7	2.7	2.7	1.4	1.4
Min. Circuit Ampacity ¹	63.1/63.1	63.1/63.1	63.1/63.1	33.6	33.6
Max. Overcurrent Protection (A) ²	80/80	80/80	80/80	40	40
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	1244	1244	1244	1244	1244
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	1316	1316	1316	1316	1316

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

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

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

Model	DSG1504WH00001F	DSG1507WL00001F	DSG1507WM00001F	DSG1507WH00001F
COOLING CAPACITY				
Total, BTU/h	140,000	140,000	140,000	140,000
IEER / EER	15.2/11.4	15.2/11.4	15.2/11.4	15.2/11.4
AHRI Reference #	215440975	215440976	215440976	215440976
HEATING CAPACITY				
Heat Range	HIGH	LOW	MEDIUM	HIGH
No. of Burners	7	5	6	7
High Stage Input / Output (KBTU/H)	240/194.4	130/105.3	180/145.8	240/194.4
Low Stage Input / Output (KBTU/H)	180/145.8	97.5/79	135/109.4	180/145.8
Thermal Efficiency (T.E.)	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	30-60	25-55	25-55	30-60
Low Stage Temperature Rise Range (°F)	30-60	25-55	25-55	30-60
EVAPORATOR MOTOR / RTPF (ROUND TUBE PLATE FIN)				
Motor Type	Direct Drive	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	High	High	High	High
Wheel Dia. X Width	15x15	15x15	15x15	15x15
Indoor Nominal CFM	4200	4200	4200	4200
RPM	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	5.0	5.0	5.0	5.0
Filter Size (in)	20 X 25 X 2 (2) 25 X 25 X 2 (2)	20 X 25 X 2 (2) 25 X 25 X 2 (2)	20 X 25 X 2 (2) 25 X 25 X 2 (2)	20 X 25 X 2 (2) 25 X 25 X 2 (2)
Drain Size (NPT)	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	110/111	110/111	110/111	110/111
Evaporator Coil Face Area (ft²)	16.2	16.2	16.2	16.2
Rows Deep/ Fins per Inch	4 / 16	4 / 16	4 / 16	4 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)				
Quantity of Condenser Fan Motors	2	2	2	2
RPM (High/Low stage)	1115	1075	1075	1075
Outdoor Horsepower	1/2	1/2	1/2	1/2
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3	22 / 3
Face Area (ft²)	40.8	40.8	40.8	40.8
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR				
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	9.0/74.8	7.0/53.9	7.0/53.9	7.0/53.9
ELECTRICAL DATA				
Voltage-Phase-Frequency	460-3-60	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	10.6	7.2	7.2	7.2
Max External Static (In. W.C.)	1.8	1.8	1.8	1.8
Outdoor Fan FLA	1.4	1	1	1
Min. Circuit Ampacity ¹	33.6	25	25	25
Max. Overcurrent Protection (A) ²	40	30	30	30
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)				
Operating Weight (lbs)	1244	1244	1244	1244
SHIPPING WEIGHT (LBS.)				
Ship Weight (lbs)	1316	1316	1316	1316

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

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

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

Coil Dimensions

Tons	Indoor			Outdoor		
	Fin height in.	Fin length in.	Area (Ft ²)	Fin height in.	Fin length in.	Area (Ft ²)
7.5	42.0	46.0	13.4	45.6	46.0	29.1
8.5	42.0	46.0	13.4	45.6	45.9	29.1
10	45.0	51.8	16.2	45.6	45.9	29.1
12.5	45.0	51.8	16.2	48.6	60.4	40.8

AHRI Ratings

Gas / Electric			
Model	Capacity	EER	IEER
DSG0903D	90,000	12.0	16
DSG0904D	90,000	12.0	16
DSG0907D	90,000	12.0	16
DSG1023D	97,000	11.4	15.5
DSG1024D	97,000	11.4	15.5
DSG1027D	97,000	11.4	15.5
DSG1203D	116,000	11.4	15.2
DSG1204D	116,000	11.4	15.2
DSG1207D	116,000	11.4	15.2
DSG1503D	140,000	11.4	15.2
DSG1504D	140,000	11.4	15.2
DSG1507D	140,000	11.4	15.2

Sound Data

STATIC PRESSURE	7.5 TON SOUND (DB) AT 60 HZ										
	Indoor CFM	Component	A-Weighted	63	125	250	500	1000	2000	4000	8000
0.8	3,000	Discharge	68.7	92.1	76.0	63.9	62.6	62.1	57.2	56.3	46.4
		Inlet	63.8	87.9	72.4	64.4	58.2	52.2	46.9	47.1	46.3
Discharge		78.3	98.6	87.0	72.2	72.7	72.8	68.5	66.7	60.8	
Inlet		70.2	90.7	80.7	69.6	64.6	61.7	56.6	56.5	53	
Discharge		82.4	97.6	88.4	85	77.1	77.1	72.5	71.7	67.3	
Inlet		74.8	92.6	84.0	78.2	69.9	66.5	61.8	62.1	58.4	
N/A	N/A	Outdoor	81.3	-	69.3	72.0	75.2	76.1	74.2	69.3	60.3

STATIC PRESSURE	8.5 TON SOUND (DB) AT 60 HZ										
	Indoor CFM	Componet	A-Weighted	63	125	250	500	1000	2000	4000	8000
0.8	3,400	Discharge	71.3	93.5	79.9	65.3	66.0	65.1	60.8	58.1	49.9
		Inlet	65.3	87.0	75.8	66.8	59.7	54.6	49.8	49.2	47.0
1.4		Discharge	81.5	99.6	88.8	78.8	76.4	76.6	71.5	70.3	64.9
		Inlet	73.1	91.4	82.8	74.6	67.4	66.2	60.0	60.5	56.7
2.0		Discharge	80.8	99.7	89.4	76.1	75.2	75.5	71.4	69.7	65.3
		Inlet	72.7	92.5	82.6	73.6	66.9	64.3	59.5	59.5	56.0
N/A	N/A	Outdoor	81.3	-	64.7	69.3	76.3	76.4	74.1	70.1	60.6

STATIC PRESSURE	10 TON SOUND (DB) AT 60 HZ										
	Indoor CFM	Componet	A-Weighted	63	125	250	500	1000	2000	4000	8000
0.8	4,000	Discharge	74.5	92.3	82.2	71.0	70.8	69.0	64.1	65.6	55.6
		Inlet	67.2	88.8	76.6	66.8	62.2	58.5	54.7	52.4	47.4
1.4		Discharge	76.8	95.8	85.3	72.2	71.7	71.2	67.3	65.2	59.8
		Inlet	69.2	89.5	79.3	68.8	63.9	60.6	57.1	55.5	50.5
2.0		Discharge	77.1	96.2	85.3	72.5	72.0	71.5	67.6	65.3	59.9
		Inlet	71.0	91.7	81.2	70.8	65.2	62.0	58.8	57.4	53.1
N/A	N/A	Outdoor	82.7	-	67.4	72.2	76.5	78.4	76.1	70.3	60.1

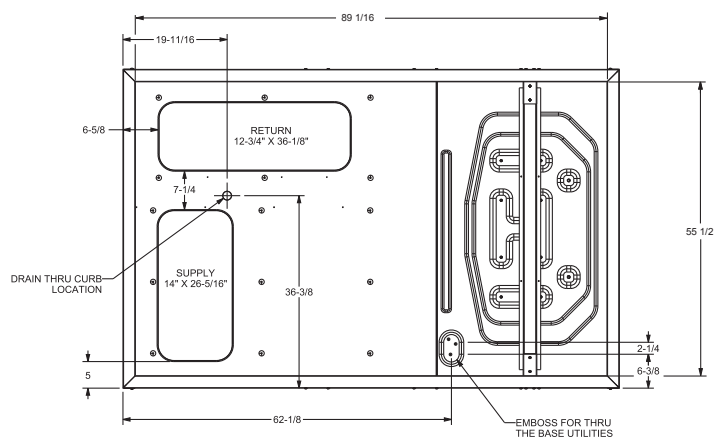
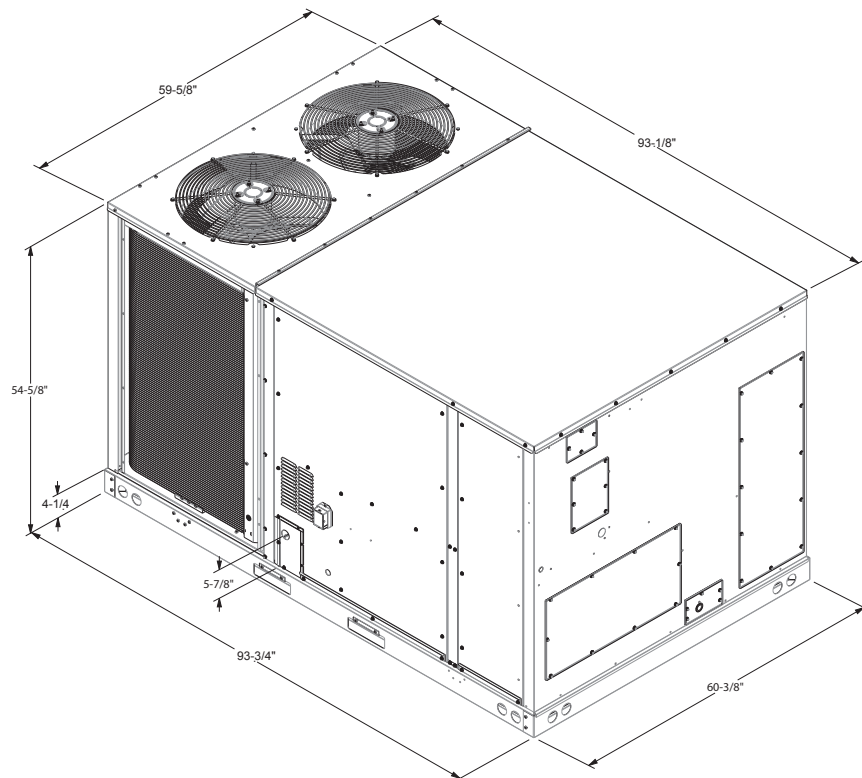
STATIC PRESSURE	12.5 TON SOUND (DB) AT 60 HZ										
	Indoor CFM	Componet	A-Weighted	63	125	250	500	1000	2000	4000	8000
0.8	5,000	Discharge	78.5	92.6	82.0	73.2	74.2	74.5	69.4	68.6	63.2
		Inlet	70.1	92.3	78.8	68.7	64.0	62.2	57.7	57.3	52.2
1.4		Discharge	79.5	93.1	84.7	77.1	74.9	75.4	69.9	68.9	63.8
		Inlet	72.0	91.9	82.6	72.5	66.4	63.8	59.5	58.8	53.8
2.0		Discharge	82.4	100.4	90.1	78.2	77.3	77.2	72.9	71.1	66.7
		Inlet	73.4	93.2	84.0	73.1	67.9	65.0	61.4	60.7	56.0
N/A	N/A	Outdoor	85.8	-	71.7	78.5	79.5	80.5	78.3	72.3	64.7

¹ Outdoor sound data is measured in accordance with AHRI standard 230

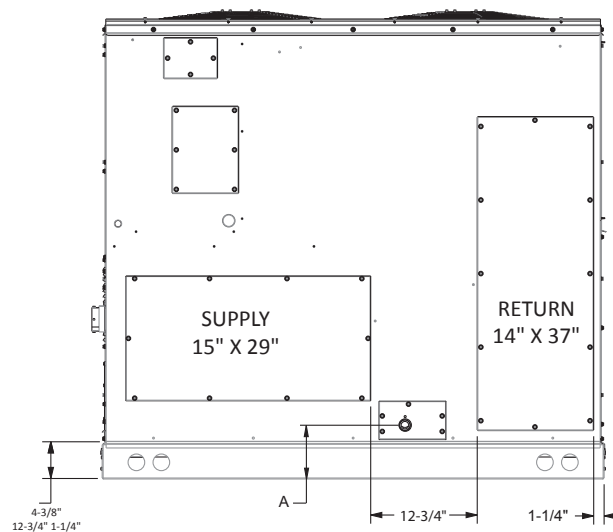
² Discharge and Inlet sound data was measured in accordance with AHRI standard 260.

³ Measurements are expressed in terms of sound power. Do not compare these values to sound pressure values because sound pressure depends on specific environment factors which normally do not match individual applications. Sound power values are independent of the environment and therefore more accurate.

⁴ A-weighted sound ratings filter out high and very low frequencies, to better approximate the response of "average" human ear. A-weighted measurements for Daikin units are taken in accordance with AHRI standards 230 and 260.

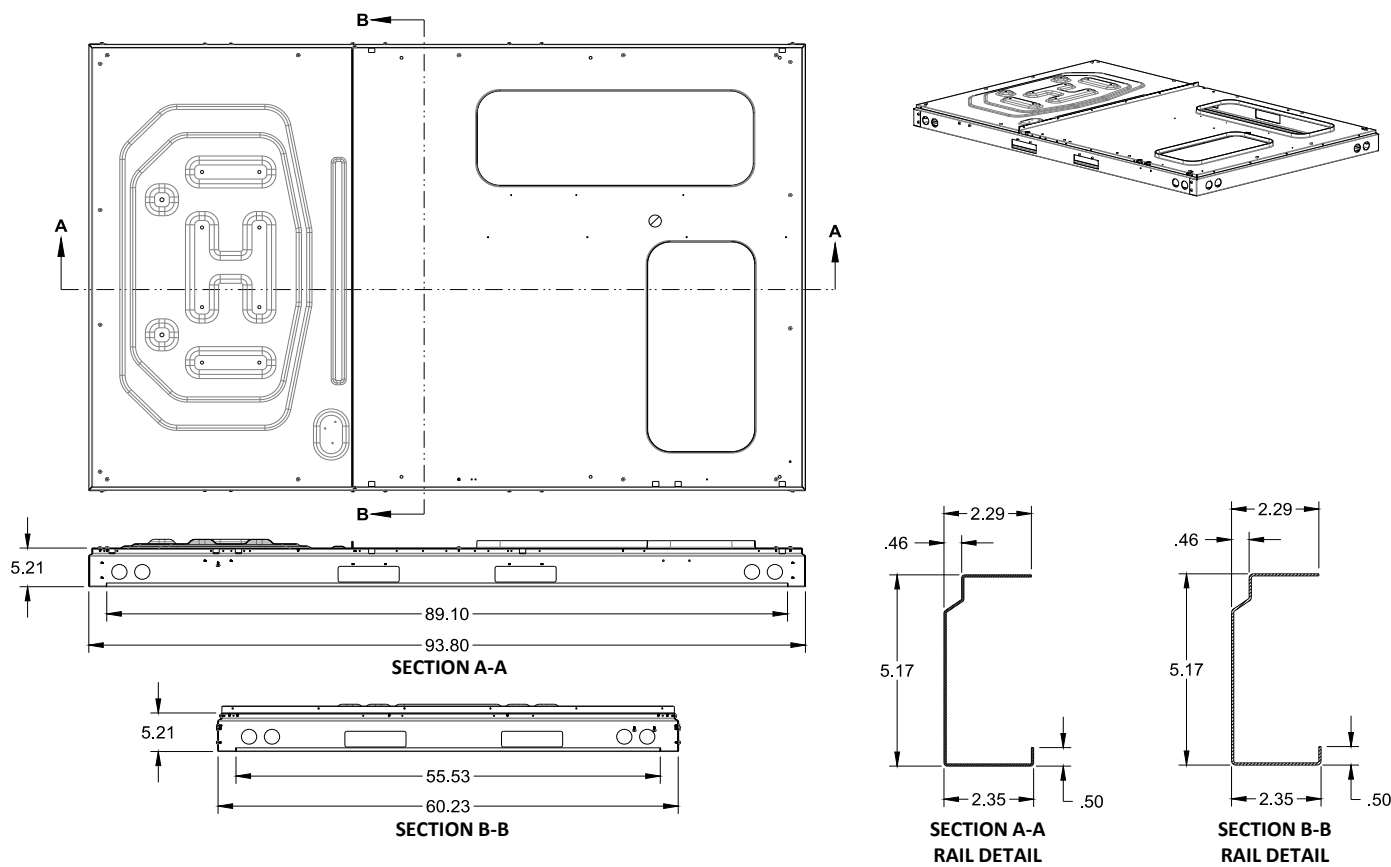


Model Size	DIM "A"
DSG 090	8.96
DSG 102	8.96
DSG 120	6.46
DSG 150	6.46



HORIZONTAL DISCHARGE

Light Commercial Base Rails



22

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SS-DSG7-R32

		Outdoor Ambient Temperature																															
		65					75					85					95					105					115						
IDB	Airflow	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75		
80	IDWB	MBh	92.1	93.4	96.1	100.3	91.3	92.6	95.3	99.5	88.9	90.2	92.9	97.1	84.8	86.1	240.0	93.0	83.8	87.9	75.2	76.4	79.2	83.4	88.9	92.1	93.4	96.1	100.3	91.3	92.6	95.3	99.5
	S/T	0.83	0.76	0.64	0.5	0.84	0.77	0.65	0.5	0.87	0.80	0.67	0.5	0.90	0.83	0.26	0.6	0.95	0.87	0.73	0.6	1.00	0.96	0.81	0.7	0.83	0.76	0.64	0.5	0.84	0.77	0.65	0.5
	ΔT	26.45	24.71	21.47	18.1	26.40	24.66	21.42	18.1	26.64	24.91	21.66	18.3	26.38	24.64	21.40	18.0	26.15	24.41	21.17	17.8	26.03	25.50	22.26	18.9	26.45	24.71	21.47	18.1	26.40	24.66	21.42	18.1
	kW	5.42	5.41	5.40	5.5	6.06	6.05	6.04	6.1	6.77	6.76	6.75	6.8	7.54	7.54	7.52	7.6	8.40	8.40	8.39	8.4	9.41	9.41	9.40	9.4	5.42	5.41	5.40	5.5	6.06	6.05	6.04	6.1
	Amps	21.25	21.23	21.18	21.4	24.17	24.15	24.10	24.3	27.43	27.41	27.36	27.6	30.96	30.93	30.88	31.1	34.90	34.87	34.82	35.0	39.52	39.50	39.45	39.7	21.25	21.23	21.18	21.4	24.17	24.15	24.10	24.3
	Hi PR	261	262	264	268.2	302	303	305	309.2	345	346	348	352.2	391	392	394	398.5	441	442	444	448.4	494	495	497	501.7	261	262	264	268.2	302	303	305	309.2
	Lo PR	127	135	139	144.2	127	143	147	152.3	128	150	154	159.4	155	152	160	165.4	161	152	166	171.3	168	170	173	173.4	127	135	139	144.2	127	143	147	152.3
	MBh	93.3	94.6	97.3	101.5	92.5	93.8	96.5	100.7	90.1	91.4	94.1	98.3	86.0	87.3	90.0	94.2	80.9	82.2	85.0	89.2	76.4	77.6	80.4	84.6	93.3	94.6	97.3	101.5	92.5	93.8	96.5	100.7
	S/T	0.90	0.83	0.69	0.6	0.90	0.83	0.70	0.6	0.94	0.86	0.72	0.6	0.97	0.89	0.75	0.6	1.00	0.94	0.78	0.6	1.00	1.00	0.87	0.7	0.90	0.83	0.69	0.6	0.90	0.83	0.70	0.6
	ΔT	25.40	23.66	20.42	17.1	25.35	23.61	20.37	17.0	25.59	23.86	20.61	17.3	25.33	23.59	20.35	17.0	24.53	23.36	20.12	16.8	23.14	23.53	21.21	17.8	25.40	23.66	20.42	17.1	25.35	23.61	20.37	17.0
kW	5.45	5.45	5.44	5.5	6.09	6.09	6.07	6.1	6.80	6.80	6.79	6.8	7.57	7.57	7.56	7.6	8.43	8.43	8.42	8.5	9.44	9.44	9.43	9.5	5.45	5.45	5.44	5.5	6.09	6.09	6.07	6.1	
3000	Amps	21.40	21.38	21.33	21.6	24.32	24.30	24.25	24.5	27.58	27.56	27.51	27.7	31.11	31.09	31.04	31.3	35.05	35.03	34.98	35.2	39.67	39.65	39.60	39.8	21.40	21.38	21.33	21.6	24.32	24.30	24.25	24.5
	Hi PR	263	264	266	270.4	304	305	307	311.4	347	348	350	354.4	393	394	396	400.7	443	444	446	450.6	496	498	499	503.9	263	264	266	270.4	304	305	307	311.4
	Lo PR	128	137	141	146.2	128	145	149	154.3	151	152	156	161.4	157	152	162	167.4	163	152	168	173.2	170	161	175	176.7	128	137	141	146.2	128	145	149	154.3
	MBh	94.7	96.0	98.8	102.9	93.9	95.2	97.9	102.1	91.5	92.8	95.6	99.7	87.4	88.7	91.4	95.6	82.4	83.7	86.4	90.6	77.8	79.1	81.8	86.0	94.7	96.0	98.8	102.9	93.9	95.2	97.9	102.1
	S/T	0.96	0.88	0.73	0.6	0.97	0.89	0.74	0.6	1.00	0.92	0.77	0.6	1.00	0.95	0.79	0.6	1.00	1.00	0.83	0.7	1.00	1.00	0.92	0.7	0.96	0.88	0.73	0.6	0.97	0.89	0.74	0.6
	ΔT	24.51	22.78	19.53	16.2	24.47	22.73	19.49	16.1	24.65	22.97	19.73	16.4	23.55	22.71	19.47	16.1	22.19	22.48	19.24	15.9	20.96	21.30	20.32	17.0	24.51	22.78	19.53	16.2	24.47	22.73	19.49	16.1
	kW	5.48	5.48	5.46	5.5	6.12	6.11	6.10	6.2	6.83	6.83	6.81	6.9	7.60	7.60	7.59	7.6	8.46	8.46	8.45	8.5	9.47	9.47	9.46	9.5	5.48	5.48	5.46	5.5	6.12	6.11	6.10	6.2
	Amps	21.53	21.51	21.46	21.7	24.45	24.43	24.38	24.6	27.71	27.68	27.63	27.9	31.23	31.21	31.16	31.4	35.18	35.15	35.10	35.3	39.80	39.78	39.73	40.0	21.53	21.51	21.46	21.7	24.45	24.43	24.38	24.6
	Hi PR	265	266	268	272.6	306	307	309	313.6	349	350	352	356.6	395	396	398	402.9	445	446	448	452.8	499	500	501	506.0	265	266	268	272.6	306	307	309	313.6
	Lo PR	127	139	143	148.4	128	147	151	156.5	153	152	158	163.5	159	153	164	169.5	164	152	170	175.4	168	167	169	180.2	127	139	143	148.4	128	147	151	156.5
85	MBh	93.6	94.9	97.7	101.8	92.8	94.1	96.8	101.0	90.4	91.7	94.5	98.6	86.3	87.6	90.3	94.5	81.3	82.6	85.3	89.5	76.7	78.0	80.7	84.9	93.6	94.9	97.7	101.8	92.8	94.1	96.8	101.0
	S/T	0.92	0.86	0.74	0.6	0.93	0.86	0.74	0.6	0.96	0.89	0.77	0.6	1.00	0.92	0.79	0.7	1.00	0.97	0.83	0.7	1.00	1.00	0.92	0.8	0.92	0.86	0.74	0.6	0.93	0.86	0.74	0.6
	ΔT	29.86	28.12	24.88	21.5	29.81	28.07	24.83	21.5	30.05	28.32	25.07	21.7	29.79	28.05	24.81	21.5	28.15	27.82	24.58	21.2	26.56	27.01	25.67	22.3	29.86	28.12	24.88	21.5	29.81	28.07	24.83	21.5
	kW	5.43	5.43	5.42	5.5	6.07	6.06	6.05	6.1	6.78	6.78	6.77	6.8	7.55	7.55	7.54	7.6	8.41	8.41	8.40	8.4	9.42	9.42	9.41	9.5	5.43	5.43	5.42	5.5	6.07	6.06	6.05	6.1
	Amps	21.31	21.28	21.23	21.5	24.23	24.20	24.15	24.4	27.49	27.46	27.41	27.6	31.01	30.99	30.94	31.2	34.95	34.93	34.88	35.1	39.58	39.55	39.50	39.7	21.31	21.28	21.23	21.5	24.23	24.20	24.15	24.4
	Hi PR	262	263	265	269.4	303	304	306	310.5	346	347	349	353.4	392	393	395	399.7	442	443	445	449.6	495	497	498	502.9	262	263	265	269.4	303	304	306	310.5
	Lo PR	136	137	141	146.2	144	141	149	154.3	151	142	156	161.4	115	141	162	167.4	161	142	165	173.3	166	172	175	178.0	136	137	141	146.2	144	141	149	154.3
	MBh	94.8	96.1	98.9	103.0	94.0	95.3	98.0	102.2	91.6	92.9	95.7	99.8	87.5	88.8	91.5	95.7	82.5	83.8	86.5	90.7	77.9	79.2	81.9	86.1	94.8	96.1	98.9	103.0	94.0	95.3	98.0	102.2
	S/T	1.00	0.93	0.80	0.7	1.00	0.94	0.80	0.7	1.00	0.97	0.83	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.90	0.7	1.00	1.00	0.99	0.8	1.00	0.93	0.80	0.7	1.00	0.94	0.80	0.7
	ΔT	28.74	27.07	23.83	20.5	28.49	27.02	23.78	20.4	27.77	27.27	24.02	20.7	26.52	26.91	23.76	20.4	25.00	25.39	23.53	20.2	23.61	24.00	24.62	21.3	28.74	27.07	23.83	20.5	28.49	27.02	23.78	20.4
kW	5.46	5.46	5.45	5.5	6.10	6.10	6.09	6.1	6.81	6.81	6.80	6.8	7.59	7.58	7.57	7.6	8.45	8.44	8.43	8.5	9.46	9.46	9.44	9.5	5.46	5.46	5.45	5.5	6.10	6.10	6.09	6.1	
Amps	21.46	21.43	21.38	21.6	24.38	24.35	24.30	24.5	27.64	27.61	27.56	27.8	31.16	31.14	31.09	31.3	35.10	35.08	35.03	35.3	39.73	39.71	39.66	39.9	21.46	21.43	21.38	21.6	24.38	24.35	24.30	24.5	
Hi PR	264	265	267	271.6	305	306	308	312.7	348	349	351	355.7	394	396	397	401.9	444	445	447	451.8	498	499	501	505.1	264	265	267	271.6	305	306	308	312.7	
Lo PR	139	139	143	148.2	146	142	151	156.3	153	141	158	163.4	159	160	164	169.4	165	166	166	175.2	172	174	165	181.3	139	139	143	148.2	146	142			

		Outdoor Ambient Temperature																													
		65				75				85				95				105				115									
IDB	Airflow	ID	WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	2975	MBh		98.8	100.2	103.1	-	97.9	99.3	102.2	-	95.3	96.7	99.7	-	90.9	92.3	95.2	-	85.5	86.9	89.8	-	80.5	81.9	84.9	-	80.5	81.9	84.9	-
		S/T		0.61	0.54	0.42	-	0.61	0.54	0.42	-	0.63	0.57	0.44	-	0.66	0.58	0.46	-	0.69	0.61	0.47	-	0.78	0.69	0.54	-	0.78	0.69	0.54	-
		ΔT		18.30	16.56	13.32	-	18.25	16.51	13.27	-	18.49	16.76	13.51	-	18.23	16.49	13.25	-	18.00	16.26	13.02	-	19.09	17.35	14.11	-	19.09	17.35	14.11	-
		kW		6.27	6.26	6.25	-	6.96	6.96	6.94	-	7.73	7.73	7.72	-	8.57	8.56	8.55	-	9.50	9.50	9.49	-	10.60	10.60	10.58	-	10.60	10.60	10.58	-
		Amps		24.38	24.36	24.30	-	27.55	27.53	27.47	-	31.09	31.06	31.01	-	34.92	34.89	34.84	-	39.19	39.17	39.11	-	44.21	44.19	44.13	-	44.21	44.19	44.13	-
	Hi PR		266	267	269	-	308	309	311	-	351	353	355	-	399	400	402	-	449	451	453	-	504	505	507	-	504	505	507	-	
	Lo PR		130	131	134	-	137	139	142	-	144	146	149	-	150	152	155	-	156	157	161	-	163	164	168	-	163	164	168	-	
	3200	MBh		100.0	101.4	104.3	-	99.1	100.5	103.4	-	96.5	97.9	100.9	-	92.1	93.5	96.4	-	86.7	88.1	91.0	-	81.7	83.1	86.1	-	81.7	83.1	86.1	-
		S/T		0.62	0.56	0.43	-	0.63	0.56	0.43	-	0.65	0.58	0.45	-	0.68	0.60	0.46	-	0.71	0.63	0.48	-	0.80	0.71	0.55	-	0.80	0.71	0.55	-
		ΔT		17.73	16.00	12.75	-	17.68	15.95	12.70	-	17.93	16.19	12.95	-	17.67	15.93	12.69	-	17.44	15.70	12.45	-	18.52	16.79	13.54	-	18.52	16.79	13.54	-
kW			6.29	6.28	6.27	-	6.98	6.97	6.96	-	7.75	7.75	7.74	-	8.59	8.58	8.57	-	9.52	9.52	9.51	-	10.62	10.61	10.60	-	10.62	10.61	10.60	-	
Amps			24.47	24.45	24.39	-	27.64	27.62	27.56	-	31.18	31.15	31.10	-	35.00	34.98	34.93	-	39.28	39.26	39.20	-	44.30	44.27	44.22	-	44.30	44.27	44.22	-	
75	2975	Hi PR		267	268	270	-	309	310	312	-	353	354	356	-	400	401	403	-	451	452	454	-	505	506	508	-	505	506	508	-
		Lo PR		131	132	136	-	138	140	143	-	145	147	150	-	151	153	156	-	157	158	162	-	164	166	169	-	164	166	169	-
		MBh		102.6	103.9	106.9	-	101.7	103.1	106.0	-	99.1	100.5	103.4	-	94.7	96.0	99.0	-	89.2	90.6	93.6	-	84.3	85.7	88.6	-	84.3	85.7	88.6	-
		S/T		0.67	0.59	0.45	-	0.68	0.60	0.45	-	0.70	0.62	0.47	-	0.73	0.64	0.48	-	0.76	0.67	0.50	-	0.86	0.76	0.58	-	0.86	0.76	0.58	-
		ΔT		16.40	14.66	11.42	-	16.35	14.61	11.37	-	16.60	14.86	11.62	-	16.33	14.60	11.35	-	16.10	14.36	11.12	-	17.19	15.45	12.21	-	17.19	15.45	12.21	-
	3825	kW		6.33	6.33	6.32	-	7.03	7.02	7.01	-	7.80	7.79	7.78	-	8.63	8.63	8.62	-	9.57	9.56	9.55	-	10.67	10.66	10.65	-	10.67	10.66	10.65	-
		Amps		24.68	24.65	24.60	-	27.85	27.82	27.77	-	31.38	31.36	31.31	-	35.21	35.19	35.13	-	39.49	39.46	39.41	-	44.51	44.48	44.43	-	44.51	44.48	44.43	-
		Hi PR		271	272	274	-	312	314	315	-	356	357	359	-	403	404	406	-	454	455	457	-	508	510	511	-	508	510	511	-
		Lo PR		134	136	139	-	142	143	147	-	149	150	154	-	149	156	159	-	160	162	165	-	167	169	172	-	167	169	172	-
		75	2975	MBh		99.3	100.7	103.6	108.1	98.4	99.8	102.7	107.2	95.8	97.2	100.2	104.7	91.4	92.8	95.7	100.2	86.0	87.4	90.3	94.8	81.0	82.4	85.4	89.9	81.0	82.4
S/T				0.73	0.66	0.54	0.4	0.73	0.67	0.54	0.4	0.76	0.69	0.57	0.4	0.79	0.72	0.58	0.4	0.83	0.75	0.61	0.5	0.93	0.84	0.69	0.5	0.93	0.84	0.69	0.5
ΔT				22.12	20.38	17.14	13.8	22.07	20.33	17.09	13.7	22.31	20.58	17.33	14.0	22.05	20.31	17.07	13.7	21.82	20.08	16.84	13.5	22.91	21.17	17.93	14.6	22.91	21.17	17.93	14.6
kW				6.26	6.26	6.25	6.3	6.96	6.95	6.94	7.0	7.73	7.72	7.71	7.8	8.57	8.56	8.55	8.6	9.50	9.49	9.48	9.5	10.60	10.59	10.58	10.6	10.60	10.59	10.58	10.6
Amps				24.36	24.34	24.28	24.5	27.53	27.51	27.45	27.7	31.07	31.04	30.99	31.2	34.90	34.87	34.82	35.1	39.17	39.15	39.09	39.3	44.19	44.17	44.11	44.4	44.19	44.17	44.11	44.4
3200	Hi PR			266	267	269	273.8	308	309	311	315.6	352	353	355	359.4	399	400	402	406.5	450	451	453	457.4	504	505	507	511.6	504	505	507	511.6
	Lo PR			130	131	134	140.0	137	139	142	147.8	139	146	149	154.7	140	152	155	160.5	156	157	161	166.1	163	165	168	172.0	163	165	168	172.0
	MBh			100.0	101.4	104.4	108.9	99.2	100.6	103.5	108.0	96.6	98.0	100.9	105.4	92.1	93.5	96.5	101.0	86.7	88.1	91.1	95.6	81.8	83.2	86.1	90.6	81.8	83.2	86.1	90.6
	S/T			0.76	0.69	0.56	0.4	0.76	0.69	0.56	0.4	0.79	0.72	0.58	0.4	0.82	0.74	0.60	0.5	0.86	0.78	0.63	0.5	0.96	0.87	0.71	0.5	0.96	0.87	0.71	0.5
	ΔT			21.55	19.81	16.57	13.2	21.50	19.77	16.52	13.2	21.75	20.01	16.77	13.4	21.49	19.75	16.51	13.1	21.25	19.52	16.27	12.9	22.34	20.60	17.36	14.0	22.34	20.60	17.36	14.0
75	2975	kW		6.28	6.28	6.27	6.3	6.98	6.97	6.96	7.0	7.75	7.74	7.73	7.8	8.58	8.58	8.57	8.6	9.52	9.51	9.50	9.6	10.62	10.61	10.60	10.7	10.62	10.61	10.60	10.7
		Amps		24.45	24.43	24.37	24.6	27.62	27.59	27.54	27.8	31.16	31.13	31.08	31.3	34.98	34.96	34.91	35.1	39.26	39.24	39.18	39.4	44.28	44.25	44.20	44.4	44.28	44.25	44.20	44.4
	Hi PR		267	269	270	275.0	309	310	312	316.8	353	354	356	360.6	400	401	403	407.8	451	452	454	458.6	505	506	508	512.9	505	506	508	512.9	
Lo PR		131	132	136	141.0	139	140	143	148.9	139	147	150	155.7	139	153	156	161.5	157	157	162	167.2	164	166	169	173.1	164	166	169	173.1		
3825	MBh		102.6	104.0	106.9	111.5	101.7	103.1	106.1	110.6	99.1	100.5	103.5	108.0	94.7	96.1	99.1	103.6	89.3	90.7	93.6	98.1	84.3	85.7	88.7	93.2	84.3	85.7	88.7	93.2	
	S/T		0.83	0.75	0.60	0.4	0.83	0.75	0.60	0.5	0.87	0.78	0.63	0.5	0.90	0.81	0.64	0.5	0.94	0.84	0.67	0.5	1.00	0.95	0.76	0.6	1.00	0.95	0.76	0.6	
	ΔT		20.22	18.48	15.24	11.9	20.17	18.43	15.19	11.8	20.41	18.68	15.43	12.1	20.15	18.42	15.17	11.8	19.92	18.18	14.94	11.6	20.05	19.27	16.03	12.7	20.05	19.27	16.03	12.7	
	kW		6.33	6.32	6.31	6.4	7.02	7.02	7.00	7.1	7.79	7.79	7.78	7.8	8.63	8.62	8.61	8.7	9.56	9.56	9.55	9.6	10.66	10.66	10.64	10.7	10.66	10.66	10.64	10.7	
	Amps		24.66	24.63	24.58	24.8	27.83	27.80	27.75	28.0	31.36	31.34	31.29	31.5	35.19	35.17	35.11	35.4	39.47	39.44	39.39	39.6	44.49	44.46	44.41	44.6	44.49	44.46	44.41	44.6	
Hi PR		271	272	274	278.4	313	314	316	320.2	356	358	359	364.0	404	405	407	411.2	454	456	457	462.0	509	510	512	516.3	509	510	512	516.3		
Lo PR		134	136	139	144.4	139	144	147	152.3	140	150	154	159.1	139	156	159	164.9	160	161	165	170.6	167	169	172	177.8	1					

85	2975	MBh	101.5	102.9	105.8	110.3	100.6	102.0	104.9	109.4	98.0	99.4	102.3	106.8	93.6	95.0	97.9	102.4	88.1	89.5	92.5	97.0	83.2	84.6	87.5	92.0
		S/T	0.95	0.88	0.75	0.6	0.95	0.89	0.76	0.6	0.99	0.92	0.79	0.7	1.00	0.95	0.81	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.94	0.8
		ΔT	29.37	27.63	24.39	21.0	29.32	27.59	24.34	21.0	29.57	27.83	24.59	21.2	28.59	27.57	24.33	21.0	26.93	27.34	24.09	20.7	25.42	25.85	25.18	21.8
		kW	6.28	6.28	6.26	6.3	6.97	6.97	6.96	7.0	7.75	7.74	7.73	7.8	8.58	8.58	8.57	8.6	9.52	9.51	9.50	9.6	10.61	10.61	10.60	10.6
		Amps	24.44	24.41	24.36	24.5	27.61	27.58	27.53	27.8	31.15	31.12	31.07	31.3	34.97	34.95	34.89	35.1	39.25	39.23	39.17	39.4	44.27	44.24	44.19	44.4
	Hi PR	268	269	271	276.5	310	311	313	317.3	353	355	356	361.1	401	402	404	408.2	451	453	454	459.1	506	507	509	513.3	
	Lo PR	132	134	137	142.5	140	142	145	150.3	147	142	152	157.2	153	141	157	163.0	158	142	163	168.6	165	167	170	175.8	
	3200	MBh	102.2	103.6	106.6	111.1	101.3	102.7	105.7	110.2	98.8	100.1	103.1	107.6	94.3	95.7	98.7	103.2	88.9	90.3	93.2	97.7	84.0	85.3	88.3	92.8
		S/T	0.99	0.92	0.79	0.6	1.00	0.93	0.79	0.7	1.00	0.96	0.82	0.7	1.00	0.99	0.85	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.98	0.8
		ΔT	28.81	27.07	23.83	20.5	28.76	27.02	23.78	20.4	28.06	27.27	24.02	20.7	26.80	27.00	23.76	20.4	25.26	25.65	23.53	20.2	23.85	24.25	24.62	21.3
kW		6.30	6.29	6.28	6.3	6.99	6.99	6.98	7.0	7.77	7.76	7.75	7.8	8.60	8.60	8.58	8.6	9.54	9.53	9.52	9.6	10.63	10.63	10.62	10.1	
Amps		24.53	24.50	24.45	24.7	27.70	27.67	27.62	27.9	31.23	31.21	31.15	31.4	35.06	35.04	34.98	35.2	39.34	39.31	39.26	39.5	44.36	44.33	44.28	44.5	
3825	Hi PR	269	270	272	276.7	311	312	314	318.5	355	356	358	362.3	402	403	405	409.5	453	454	456	460.3	507	508	510	514.6	
	Lo PR	133	135	138	143.5	115	141	146	151.4	148	142	153	158.2	154	142	159	164.0	159	161	164	169.7	167	168	166	176.9	
	MBh	104.8	106.2	109.1	113.6	103.9	105.3	108.2	112.7	101.3	102.7	105.7	110.2	96.9	98.3	101.2	105.7	91.5	92.9	95.8	100.3	86.5	87.9	90.9	95.4	
	S/T	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.90	0.7	1.00	1.00	0.93	0.8	1.00	1.00	0.97	0.8	1.00	1.00	1.00	0.9	
	ΔT	24.90	25.23	22.49	19.1	24.69	25.02	22.45	19.1	24.08	24.41	22.69	19.3	23.03	23.36	22.43	19.1	21.74	22.07	22.20	18.8	20.56	20.90	21.60	19.9	
	kW	6.35	6.34	6.33	6.4	7.04	7.03	7.02	7.1	7.81	7.81	7.79	7.8	8.65	8.64	8.63	8.7	9.58	9.58	9.56	9.6	10.68	10.67	10.66	10.7	
	Amps	24.74	24.71	24.66	24.9	27.90	27.88	27.83	28.1	31.44	31.42	31.36	31.6	35.27	35.24	35.19	35.4	39.55	39.52	39.47	39.7	44.56	44.54	44.48	44.7	
	Hi PR	273	274	276	280.2	314	315	317	322.0	358	359	361	365.8	405	406	408	412.9	456	457	459	463.8	510	512	513	518.0	
	Lo PR	137	138	141	146.9	144	146	149	154.8	151	153	156	161.6	157	159	162	167.4	163	164	165	173.1	170	171	176	180.3	

dry Bulb Temperature
is measured at the liquid and suction access fittings.

Shaded area reflects ACCA (TVA) conditions

kW = Total system power
Amps: Unit amps (comp. + evaporator + condenser fan motors)
Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	3150	MBh	118.1	119.8	123.3	-	117.1	118.8	122.3	-	114.0	115.7	119.2	-	108.7	110.4	113.9	-	102.2	103.9	107.4	-	96.3	98.0	101.5	-	102.2	103.9	107.4	-	96.3	98.0	101.5	-			
		S/T	0.59	0.53	0.41	-	0.59	0.53	0.41	-	0.62	0.55	0.43	-	0.64	0.57	0.44	-	0.67	0.60	0.46	-	0.75	0.67	0.53	-	0.67	0.60	0.46	-	0.75	0.67	0.53	-			
		ΔT	20.10	18.19	14.62	-	20.05	18.14	14.57	-	20.32	18.41	14.84	-	20.03	18.12	14.55	-	19.77	17.86	14.30	-	20.97	19.06	15.49	-	19.77	17.86	14.30	-	20.97	19.06	15.49	-			
		kW	7.29	7.28	7.27	-	8.18	8.18	8.16	-	9.18	9.17	9.16	-	10.26	10.25	10.23	-	11.46	11.45	11.44	-	12.87	12.86	12.85	-	11.46	11.45	11.44	-	12.87	12.86	12.85	-			
		Amps	28.24	28.21	28.14	-	32.32	32.29	32.22	-	36.88	36.84	36.77	-	41.80	41.77	41.70	-	47.31	47.28	47.21	-	53.77	53.74	53.67	-	47.31	47.28	47.21	-	53.77	53.74	53.67	-			
	Hi PR	274	275	277	-	317	318	320	-	362	363	365	-	410	412	413	-	463	464	466	-	518	520	522	-	463	464	466	-	518	520	522	-				
	Lo PR	134	136	139	-	142	144	147	-	142	147	154	-	155	148	158	-	161	163	158	-	169	170	174	-	161	163	158	-	169	170	174	-				
	3400	MBh	119.1	120.8	124.3	-	118.0	119.7	123.2	-	115.0	116.6	120.2	-	109.7	111.3	114.9	-	103.2	104.9	108.4	-	97.3	98.9	102.5	-	103.2	104.9	108.4	-	97.3	98.9	102.5	-			
		S/T	0.61	0.54	0.42	-	0.61	0.55	0.42	-	0.64	0.57	0.44	-	0.66	0.59	0.45	-	0.69	0.61	0.47	-	0.78	0.70	0.54	-	0.69	0.61	0.47	-	0.78	0.70	0.54	-			
		ΔT	19.45	17.54	13.97	-	19.40	17.49	13.92	-	19.67	17.76	14.19	-	19.38	17.47	13.90	-	19.12	17.21	13.65	-	20.32	18.41	14.84	-	19.12	17.21	13.65	-	20.32	18.41	14.84	-			
		kW	7.32	7.31	7.30	-	8.21	8.20	8.19	-	9.20	9.20	9.18	-	10.28	10.27	10.26	-	11.48	11.48	11.46	-	12.90	12.89	12.87	-	11.48	11.48	11.46	-	12.90	12.89	12.87	-			
		Amps	28.36	28.33	28.26	-	32.44	32.41	32.34	-	36.99	36.96	36.89	-	41.92	41.89	41.82	-	47.43	47.40	47.33	-	53.89	53.86	53.79	-	47.43	47.40	47.33	-	53.89	53.86	53.79	-			
	Hi PR	275	276	278	-	318	319	321	-	363	364	366	-	412	413	415	-	464	465	467	-	520	521	523	-	464	465	467	-	520	521	523	-				
	Lo PR	135	137	140	-	143	145	148	-	144	148	156	-	156	149	159	-	162	164	160	-	170	171	175	-	162	164	160	-	170	171	175	-				
	4050	MBh	122.1	123.8	127.3	-	121.1	122.8	126.3	-	118.0	119.7	123.2	-	112.7	114.4	117.9	-	106.2	107.9	111.4	-	100.3	102.0	105.5	-	106.2	107.9	111.4	-	100.3	102.0	105.5	-			
S/T		0.66	0.58	0.44	-	0.66	0.58	0.44	-	0.69	0.61	0.46	-	0.71	0.62	0.47	-	0.74	0.65	0.49	-	0.84	0.74	0.57	-	0.74	0.65	0.49	-	0.84	0.74	0.57	-				
ΔT		18.01	16.10	12.54	-	17.96	16.05	12.49	-	18.23	16.32	12.75	-	17.94	16.03	12.47	-	17.69	15.78	12.21	-	18.88	16.97	13.41	-	17.69	15.78	12.21	-	18.88	16.97	13.41	-				
kW		7.37	7.37	7.35	-	8.27	8.26	8.24	-	9.26	9.25	9.24	-	10.34	10.33	10.32	-	11.54	11.53	11.52	-	12.95	12.95	12.93	-	11.54	11.53	11.52	-	12.95	12.95	12.93	-				
Amps		28.62	28.59	28.52	-	32.70	32.67	32.60	-	37.26	37.22	37.15	-	42.19	42.15	42.08	-	47.69	47.66	47.59	-	54.15	54.12	54.05	-	47.69	47.66	47.59	-	54.15	54.12	54.05	-				
Hi PR	279	280	282	-	322	323	325	-	367	368	370	-	415	416	418	-	467	469	471	-	523	524	526	-	467	469	471	-	523	524	526	-					
Lo PR	139	140	144	-	147	149	152	-	147	153	159	-	148	154	164	-	166	168	164	-	173	175	178	-	166	168	164	-	173	175	178	-					
75	3150	MBh	118.8	120.4	123.9	129.3	117.7	119.4	122.9	128.3	115.6	117.2	120.8	126.2	109.3	111.0	114.5	119.9	102.8	104.5	108.0	113.4	96.9	98.6	102.1	107.5	102.8	104.5	108.0	113.4	96.9	98.6	102.1	107.5			
		S/T	0.71	0.64	0.53	0.4	0.71	0.65	0.53	0.4	0.74	0.67	0.55	0.4	0.77	0.70	0.57	0.4	0.81	0.73	0.59	0.5	0.90	0.82	0.67	0.5	0.81	0.73	0.59	0.5	0.90	0.82	0.67	0.5			
		ΔT	24.30	22.39	18.82	15.1	24.25	22.34	18.77	15.1	24.52	22.61	19.04	15.3	24.23	22.32	18.75	15.1	23.97	22.06	18.50	14.8	25.17	23.26	19.69	16.0	23.97	22.06	18.50	14.8	25.17	23.26	19.69	16.0			
		kW	7.29	7.28	7.26	7.3	8.18	8.17	8.16	8.2	9.17	9.17	9.15	9.2	10.25	10.24	10.23	10.3	11.45	11.45	11.43	11.5	12.86	12.86	12.84	12.9	11.45	11.45	11.43	11.5	12.86	12.86	12.84	12.9			
		Amps	28.21	28.18	28.11	28.4	32.29	32.26	32.19	32.5	36.85	36.82	36.75	37.1	41.78	41.75	41.68	42.0	47.28	47.25	47.18	47.5	53.75	53.71	53.64	54.0	47.28	47.25	47.18	47.5	53.75	53.71	53.64	54.0			
	Hi PR	274	275	277	281.8	317	318	320	324.8	362	363	365	369.9	411	412	414	418.4	463	464	466	470.7	519	520	522	526.6	463	464	466	470.7	519	520	522	526.6				
	Lo PR	134	136	139	144.8	140	144	147	153.0	139	148	154	160.1	140	149	159	166.1	161	163	160	170.6	169	170	174	167.6	161	163	160	170.6	169	170	174	167.6				
	3400	MBh	119.7	121.4	124.9	130.3	118.7	120.3	123.9	129.2	115.6	117.2	120.8	126.2	110.3	111.9	115.5	120.9	103.8	105.5	109.0	114.4	97.9	99.5	103.1	108.5	103.8	105.5	109.0	114.4	97.9	99.5	103.1	108.5			
		S/T	0.74	0.67	0.54	0.4	0.74	0.67	0.55	0.4	0.77	0.70	0.57	0.4	0.80	0.72	0.59	0.4	0.84	0.76	0.61	0.5	0.94	0.85	0.69	0.5	0.84	0.76	0.61	0.5	0.94	0.85	0.69	0.5			
		ΔT	23.65	21.74	18.17	14.5	23.60	21.69	18.12	14.4	23.87	21.96	18.39	14.7	23.58	21.67	18.10	14.4	23.32	21.41	17.85	14.2	24.52	22.61	19.04	15.3	23.32	21.41	17.85	14.2	24.52	22.61	19.04	15.3			
		kW	7.31	7.30	7.29	7.4	8.20	8.20	8.18	8.2	9.18	9.18	9.16	9.2	10.28	10.27	10.25	10.3	11.48	11.47	11.46	11.5	12.89	12.88	12.87	12.9	11.48	11.47	11.46	11.5	12.89	12.88	12.87	12.9			
		Amps	28.33	28.30	28.23	28.5	32.41	32.38	32.31	32.6	36.97	36.94	36.87	37.2	41.90	41.86	41.79	42.1	47.40	47.37	47.30	47.6	53.86	53.83	53.76	54.1	47.40	47.37	47.30	47.6	53.86	53.83	53.76	54.1			
	Hi PR	275	276	278	283.1	318	319	321	326.2	363	365	366	371.2	412	413	415	419.8	464	465	467	472.1	520	521	523	527.9	464	465	467	472.1	520	521	523	527.9				
	Lo PR	135	137	140	146.0	140	145	148	154.1	139	151	156	161.2	140	152	162	167.2	162	162	152	162	173.1	170	171	175	168.8	162	162	152	162	173.1	170	171	175	168.8		
	4050	MBh	122.8	124.4	128.0	133.3	121.7	123.4	126.9	132.3	118.6	120.3	123.8	129.2	113.3	115.0	118.5	123.9	106.8	108.5	112.0	117.4	100.9	102.6	106.1	111.5	106.8	108.5	112.0	117.4	100.9	102.6	106.1	111.5			
S/T		0.81	0.73	0.58	0.4	0.81	0.73	0.59	0.4	0.84	0.76	0.61	0.5	0.87	0.78	0.63	0.5	0.91	0.82	0.65	0.5	1.00	0.92	0.74	0.6	0.91	0.82	0.65	0								

		Outdoor Ambient Temperature																							
		65				75				85				95				105				115			
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	3150	119.4	121.0	124.6	129.9	118.3	120.0	123.5	128.9	115.2	116.9	120.4	125.8	109.9	111.6	115.1	120.5	103.4	105.1	108.6	114.0	97.5	99.2	102.7	108.1
	MBh	0.83	0.76	0.64	0.5	0.83	0.77	0.65	0.5	0.86	0.80	0.67	0.5	0.90	0.82	0.33	0.6	0.94	0.87	0.72	0.6	1.00	0.96	0.81	0.6
	S/T	28.53	26.62	23.05	19.4	28.48	26.57	23.00	19.3	28.74	26.83	23.27	19.6	28.46	26.55	22.98	19.3	28.20	26.29	22.72	19.0	28.15	27.49	23.92	20.2
	ΔT	7.29	7.28	7.27	7.3	8.18	8.17	8.16	8.2	9.18	9.17	9.15	9.2	10.25	10.25	10.23	10.3	11.46	11.45	11.44	11.5	12.87	12.86	12.85	12.9
	kW	28.24	28.20	28.13	28.4	32.32	32.28	32.21	32.5	36.87	36.84	36.77	37.1	41.80	41.77	41.70	42.0	47.31	47.27	47.20	47.5	53.77	53.73	53.67	54.0
	Amps	274	276	278	282.3	317	319	321	325.3	363	364	366	370.4	411	412	414	418.9	463	465	466	471.2	519	520	522	527.1
	Hi PR	128	136	140	145.4	127	144	148	153.5	128	152	155	160.6	156	152	161	166.6	162	152	163	172.5	169	171	174	169.5
	Lo PR	120.3	122.0	125.5	130.9	119.3	120.9	124.5	129.8	116.2	117.9	121.4	126.8	110.9	112.6	116.1	121.5	104.4	106.1	109.6	115.0	98.5	100.2	103.7	109.1
	MBh	0.87	0.80	0.67	0.5	0.87	0.80	0.67	0.5	0.90	0.83	0.70	0.6	0.94	0.86	0.72	0.6	0.99	0.90	0.75	0.6	1.00	1.00	0.84	0.7
	S/T	27.88	25.97	22.40	18.7	27.83	25.92	22.35	18.7	28.10	26.19	22.62	18.9	27.81	25.90	22.33	18.6	27.55	25.64	22.08	18.4	26.33	26.78	23.27	19.6
4050	3400	7.32	7.31	7.29	7.4	8.21	8.20	8.19	8.3	9.20	9.20	9.18	9.2	10.28	10.27	10.26	10.3	11.48	11.48	11.46	11.5	12.90	12.89	12.87	12.9
	kW	28.35	28.32	28.25	28.6	32.43	32.40	32.33	32.6	36.99	36.96	36.89	37.2	41.92	41.89	41.82	42.1	47.43	47.39	47.32	47.6	53.89	53.85	53.78	54.1
	Amps	276	277	279	283.6	319	320	322	326.7	364	365	367	371.7	412	414	416	420.3	465	466	468	472.6	521	522	524	528.4
	Hi PR	128	138	141	146.6	127	146	149	154.7	151	151	156	161.8	157	152	162	167.8	128	152	164	173.7	170	153	175	172.0
	Lo PR	123.4	125.0	128.6	133.9	122.3	124.0	127.5	132.9	119.2	120.9	124.4	129.8	113.9	115.6	119.1	124.5	107.5	109.1	112.6	118.0	101.5	103.2	106.7	112.1
	MBh	0.95	0.87	0.73	0.6	0.96	0.88	0.73	0.6	1.00	0.91	0.76	0.6	1.00	0.94	0.78	0.6	1.00	0.99	0.82	0.6	1.00	1.00	0.91	0.7
	S/T	26.44	24.53	20.97	17.3	26.39	24.48	20.91	17.2	26.66	24.75	21.18	17.5	25.57	24.46	20.89	17.2	24.12	24.21	20.64	16.9	22.79	23.17	21.83	18.1
	ΔT	7.37	7.37	7.35	7.4	8.27	8.26	8.24	8.3	9.26	9.25	9.24	9.3	10.34	10.33	10.32	10.4	11.54	11.53	11.52	11.6	12.95	12.95	12.93	13.0
	kW	28.62	28.58	28.51	28.8	32.70	32.66	32.59	32.9	37.25	37.22	37.15	37.5	42.18	42.15	42.08	42.4	47.69	47.66	47.59	47.9	54.15	54.12	54.05	54.4
	Amps	279	280	282	287.1	322	323	325	330.1	367	369	370	375.2	416	417	419	423.7	468	469	471	476.1	524	525	527	531.9
	Hi PR	128	141	144	150.1	128	149	153	158.2	127	152	160	165.3	155	152	166	171.3	159	153	169	177.2	163	162	165	175.5
85	3150	121.4	123.0	126.5	131.9	120.3	122.0	125.5	130.9	117.2	118.9	122.4	127.8	111.9	113.6	117.1	122.5	105.4	107.1	110.6	116.0	99.5	101.2	104.7	110.1
	MBh	0.92	0.86	0.73	0.6	0.93	0.86	0.74	0.6	0.96	0.89	0.76	0.6	1.00	0.92	0.79	0.7	1.00	0.97	0.83	0.7	1.00	1.00	0.92	0.8
	S/T	32.28	30.37	26.80	23.1	32.23	30.32	26.75	23.1	32.49	30.58	27.02	23.3	32.21	30.30	26.73	23.0	30.43	30.04	26.47	22.8	28.72	29.20	27.67	24.0
	ΔT	7.31	7.30	7.29	7.4	8.20	8.19	8.18	8.2	9.19	9.19	9.17	9.2	10.27	10.26	10.25	10.3	11.47	11.47	11.45	11.5	12.89	12.88	12.86	12.9
	kW	28.31	28.28	28.21	28.5	32.39	32.36	32.29	32.6	36.95	36.92	36.85	37.2	41.88	41.85	41.78	42.1	47.38	47.35	47.28	47.6	53.85	53.81	53.74	54.1
	Amps	276	277	279	283.6	319	320	322	326.6	364	365	367	371.7	412	414	415	420.2	465	466	468	472.5	521	522	524	528.4
	Hi PR	137	138	142	147.4	145	141	150	155.5	152	142	157	162.6	115	141	163	168.6	155	142	165	174.5	160	173	176	174.1
	Lo PR	122.3	124.0	127.5	132.9	121.3	122.9	126.5	131.8	118.2	119.8	123.4	128.8	112.9	114.5	118.1	123.5	106.4	108.1	111.6	117.0	100.5	102.1	105.7	111.1
	MBh	0.97	0.90	0.77	0.6	0.97	0.90	0.77	0.6	1.00	0.93	0.80	0.7	1.00	0.97	0.83	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.96	0.8
	S/T	31.63	29.72	26.15	22.5	31.58	29.67	26.10	22.4	31.60	29.64	26.37	22.7	30.18	29.65	26.08	22.4	28.45	28.89	25.83	22.1	26.87	27.31	27.02	23.3
	ΔT	7.33	7.33	7.31	7.4	8.23	8.22	8.20	8.3	9.22	9.21	9.20	9.3	10.30	10.29	10.27	10.3	11.50	11.49	11.48	11.5	12.91	12.91	12.89	13.0
4050	3400	28.43	28.40	28.33	28.6	32.51	32.48	32.41	32.7	37.07	37.04	36.97	37.3	42.00	41.96	41.89	42.2	47.50	47.47	47.40	47.7	53.96	53.93	53.86	54.2
	kW	277	278	280	284.9	320	321	323	328.0	365	366	368	373.0	414	415	417	421.6	466	467	469	473.9	522	523	525	529.7
	Amps	138	140	143	148.6	115	141	151	156.7	152	142	158	163.8	156	141	164	169.8	160	167	166	175.7	165	164	164	175.3
	Hi PR	125.4	127.0	130.6	135.9	124.3	126.0	129.5	134.9	121.2	122.9	126.4	131.8	115.9	117.6	121.1	126.5	109.4	111.1	114.6	120.0	103.5	105.2	108.7	114.1
	Lo PR	120.0	121.6	125.1	130.5	118.8	120.5	124.0	129.4	116.1	117.8	121.3	126.7	113.2	114.9	118.4	123.8	106.9	108.6	112.1	117.5	100.8	102.5	106.0	111.4
	MBh	1.00	0.99	0.84	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.91	0.7	1.00	1.00	0.95	0.8	1.00	1.00	1.00	0.9
	S/T	28.14	28.28	24.72	21.0	27.90	28.23	24.66	21.0	27.21	27.58	24.93	21.2	26.02	26.39	24.64	20.9	24.57	24.94	24.39	20.7	23.24	23.61	24.40	21.9
	ΔT	7.39	7.38	7.37	7.4	8.28	8.28	8.26	8.3	9.28	9.27	9.26	9.3	10.35	10.35	10.33	10.4	11.56	11.55	11.54	11.6	12.97	12.96	12.95	13.0
	kW	28.69	28.66	28.59	28.9	32.77	32.74	32.67	33.0	37.33	37.30	37.23	37.5	42.26	42.23	42.16	42.5	47.77	47.73	47.66	48.0	54.23	54.19	54.12	54.4
	Amps	281	282	284	288.4	324	325	327	331.4	369	370	372	376.5	417	418	420	425.0	470	471	473	477.4	525	527	528	533.2
	Hi PR	141	142	146	152.1	149	142	155	160.2	157	158	162	167.3	163	164	165	173.3	168	170	166	179.2	176	175	172	180.1
	Lo PR	125.4	127.0	130.6	135.9	124.3	126.0	129.5	134.9	121.2	122.9	126.4	131.8	115.9	117.6	121.1	126.5	109.4	111.1	114.6	120.0	103.5	105.2	108.7	114.1

IDB: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction access fittings.

Shaded area reflects ACCA (TVA) conditions

Amps: Unit amps (comp. + evaporator + condenser fan motors)

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

kW = Total system power

		Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	3150	MBh	118.1	119.8	123.3	-	117.1	118.8	122.3	-	114.0	115.7	119.2	-	108.7	110.4	113.9	-	102.2	103.9	107.4	-	96.3	98.0	101.5	-
		S/T	0.59	0.53	0.41	-	0.59	0.53	0.41	-	0.62	0.55	0.43	-	0.64	0.57	0.44	-	0.67	0.60	0.46	-	0.75	0.67	0.53	-
		ΔT	20.10	18.19	14.62	-	20.05	18.14	14.57	-	20.32	18.41	14.84	-	20.03	18.12	14.55	-	19.77	17.86	14.30	-	20.97	19.06	15.49	-
		kW	7.29	7.28	7.27	-	8.18	8.18	8.16	-	9.18	9.17	9.16	-	10.26	10.25	10.23	-	11.46	11.45	11.44	-	12.87	12.86	12.85	-
		Amps	28.24	28.21	28.14	-	32.32	32.29	32.22	-	36.88	36.84	36.77	-	41.80	41.77	41.70	-	47.31	47.28	47.21	-	53.77	53.74	53.67	-
	Hi PR	274	275	277	-	317	318	320	-	362	363	365	-	410	412	413	-	463	464	466	-	518	520	522	-	
	Lo PR	134	136	139	-	142	144	147	-	142	147	154	-	155	148	158	-	161	163	158	-	169	170	174	-	
	MBh	119.1	120.8	124.3	-	118.0	119.7	123.2	-	115.0	116.6	120.2	-	109.7	111.3	114.9	-	103.2	104.9	108.4	-	97.3	98.9	102.5	-	
	S/T	0.61	0.54	0.42	-	0.61	0.55	0.42	-	0.64	0.57	0.44	-	0.66	0.59	0.45	-	0.69	0.61	0.47	-	0.78	0.70	0.54	-	
	ΔT	19.45	17.54	13.97	-	19.40	17.49	13.92	-	19.67	17.76	14.19	-	19.38	17.47	13.90	-	19.12	17.21	13.65	-	20.32	18.41	14.84	-	
3400	kW	7.32	7.31	7.30	-	8.21	8.20	8.19	-	9.20	9.20	9.18	-	10.28	10.27	10.26	-	11.48	11.48	11.46	-	12.90	12.89	12.87	-	
	Amps	28.36	28.33	28.26	-	32.44	32.41	32.34	-	36.99	36.96	36.89	-	41.92	41.89	41.82	-	47.43	47.40	47.33	-	53.89	53.86	53.79	-	
	Hi PR	275	276	278	-	318	319	321	-	363	364	366	-	412	413	415	-	464	465	467	-	520	521	523	-	
	Lo PR	135	137	140	-	143	145	148	-	144	148	156	-	156	149	159	-	162	164	160	-	170	171	175	-	
	MBh	122.1	123.8	127.3	-	121.1	122.8	126.3	-	118.0	119.7	123.2	-	112.7	114.4	117.9	-	106.2	107.9	111.4	-	100.3	102.0	105.5	-	
4050	S/T	0.66	0.58	0.44	-	0.66	0.58	0.44	-	0.69	0.61	0.46	-	0.71	0.62	0.47	-	0.74	0.65	0.49	-	0.84	0.74	0.57	-	
	ΔT	18.01	16.10	12.54	-	17.96	16.05	12.49	-	18.23	16.32	12.75	-	17.94	16.03	12.47	-	17.69	15.78	12.21	-	18.88	16.97	13.41	-	
	kW	7.37	7.37	7.35	-	8.27	8.26	8.24	-	9.26	9.25	9.24	-	10.34	10.33	10.32	-	11.54	11.53	11.52	-	12.95	12.95	12.93	-	
	Amps	28.62	28.59	28.52	-	32.70	32.67	32.60	-	37.26	37.22	37.15	-	42.19	42.15	42.08	-	47.69	47.66	47.59	-	54.15	54.12	54.05	-	
	Hi PR	279	280	282	-	322	323	325	-	367	368	370	-	415	416	418	-	467	469	471	-	523	524	526	-	
Lo PR	139	140	144	-	147	149	152	-	147	153	159	-	148	154	164	-	166	168	164	-	173	175	178	-		
75	3150	MBh	118.8	120.4	123.9	129.3	117.7	119.4	122.9	128.3	114.6	116.3	119.8	125.2	109.3	111.0	114.5	119.9	102.8	104.5	108.0	113.4	96.9	98.6	102.1	107.5
		S/T	0.71	0.64	0.53	0.4	0.71	0.65	0.53	0.4	0.74	0.67	0.55	0.4	0.77	0.70	0.57	0.4	0.81	0.73	0.59	0.5	0.90	0.82	0.67	0.5
		ΔT	24.30	22.39	18.82	15.1	24.25	22.34	18.77	15.1	24.52	22.61	19.04	15.3	24.23	22.32	18.75	15.1	23.97	22.06	18.50	14.8	25.17	23.26	19.69	16.0
		kW	7.29	7.28	7.26	7.3	8.18	8.17	8.16	8.2	9.17	9.17	9.15	9.2	10.25	10.24	10.23	10.3	11.45	11.45	11.43	11.5	12.86	12.86	12.84	12.9
		Amps	28.21	28.18	28.11	28.4	32.29	32.26	32.19	32.5	36.85	36.82	36.75	37.1	41.78	41.75	41.68	42.0	47.28	47.25	47.18	47.5	53.75	53.71	53.64	54.0
	Hi PR	274	275	277	281.8	317	318	320	324.8	362	363	365	369.9	411	412	414	418.4	463	464	466	470.7	519	520	522	526.6	
	Lo PR	134	136	139	144.8	140	144	147	153.0	139	148	154	160.1	140	149	159	166.1	161	163	160	170.6	169	170	174	167.6	
	MBh	119.7	121.4	124.9	130.3	118.7	120.3	123.9	129.2	115.6	117.2	120.8	126.2	110.3	111.9	115.5	120.9	103.8	105.5	109.0	114.4	97.9	99.5	103.1	108.5	
	S/T	0.74	0.67	0.54	0.4	0.74	0.67	0.55	0.4	0.77	0.70	0.57	0.4	0.80	0.72	0.59	0.4	0.84	0.76	0.61	0.5	0.94	0.85	0.69	0.5	
	ΔT	23.65	21.74	18.17	14.5	23.60	21.69	18.12	14.4	23.87	21.96	18.39	14.7	23.58	21.67	18.10	14.4	23.32	21.41	17.85	14.2	24.52	22.61	19.04	15.3	
3400	kW	7.31	7.30	7.29	7.4	8.20	8.20	8.18	8.2	9.20	9.19	9.18	9.2	10.28	10.27	10.25	10.3	11.48	11.47	11.46	11.5	12.89	12.88	12.87	12.9	
	Amps	28.33	28.30	28.23	28.5	32.41	32.38	32.31	32.6	36.97	36.94	36.87	37.2	41.90	41.86	41.79	42.1	47.40	47.37	47.30	47.6	53.86	53.83	53.76	54.1	
	Hi PR	275	276	278	283.1	318	319	321	326.2	363	365	366	371.2	412	413	415	419.8	464	465	467	472.1	520	521	523	527.9	
	Lo PR	135	137	140	146.0	140	145	148	154.1	139	151	156	161.2	140	152	162	167.2	162	152	162	173.1	170	171	175	168.8	
	MBh	122.8	124.4	128.0	133.3	121.7	123.4	126.9	132.3	118.6	120.3	123.8	129.2	113.3	115.0	118.5	123.9	106.8	108.5	112.0	117.4	100.9	102.6	106.1	111.5	
4050	S/T	0.81	0.73	0.58	0.4	0.81	0.73	0.59	0.4	0.84	0.76	0.61	0.5	0.87	0.78	0.63	0.5	0.91	0.82	0.65	0.5	1.00	0.92	0.74	0.6	
	ΔT	22.21	20.30	16.74	13.0	22.16	20.25	16.69	13.0	22.43	20.52	16.95	13.3	22.14	20.23	16.67	13.0	21.89	19.98	16.41	12.7	22.65	21.17	17.61	13.9	
	kW	7.37	7.36	7.35	7.4	8.26	8.25	8.24	8.3	9.26	9.25	9.23	9.3	10.33	10.33	10.31	10.4	11.54	11.53	11.51	11.6	12.95	12.94	12.93	13.0	
	Amps	28.60	28.56	28.49	28.8	32.68	32.64	32.57	32.9	37.23	37.20	37.13	37.4	42.16	42.13	42.06	42.4	47.67	47.63	47.56	47.9	54.13	54.09	54.02	54.3	
	Hi PR	279	280	282	286.6	322	323	325	329.6	367	368	370	374.7	415	417	418	423.2	468	469	471	475.6	524	525	527	531.4	
Lo PR	139	140	144	149.5	139	149	152	157.6	140	154	159	164.7	139	155	165	170.7	166	156	166	176.6	173	175	178	173.6		

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction access fittings.
Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

Amps: Unit amps (comp. + evaporator + condenser fan motors)

		Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	3150	MBh	119.4	121.0	124.6	129.9	118.3	120.0	123.5	128.9	115.2	116.9	120.4	125.8	109.9	111.6	116.1	120.5	103.4	105.1	108.6	114.0	97.5	99.2	102.7	108.1
		S/T	0.83	0.76	0.64	0.5	0.83	0.77	0.65	0.5	0.86	0.80	0.67	0.5	0.90	0.82	0.33	0.6	0.94	0.87	0.72	0.6	1.00	0.96	0.81	0.6
		ΔT	28.53	26.62	23.05	19.4	28.48	26.57	23.00	19.3	28.74	26.83	23.27	19.6	28.46	26.55	22.98	19.3	28.20	26.29	22.72	19.0	28.15	27.49	23.92	20.2
		kW	7.29	7.28	7.27	7.3	8.18	8.17	8.16	8.2	9.18	9.17	9.15	9.2	10.25	10.25	10.23	10.3	11.46	11.45	11.44	11.5	12.87	12.86	12.85	12.9
		Amps	28.24	28.20	28.13	28.4	32.32	32.28	32.21	32.5	36.87	36.84	36.77	37.1	41.80	41.77	41.70	42.0	47.31	47.27	47.20	47.5	53.77	53.73	53.67	54.0
	3400	Hi PR	274	276	278	282.3	317	319	321	325.3	363	364	366	370.4	411	412	414	418.9	463	465	466	471.2	519	520	522	527.1
		Lo PR	128	136	140	145.4	127	144	148	153.5	128	152	155	160.6	156	152	161	166.6	162	152	163	172.5	169	171	174	169.5
		MBh	120.3	122.0	125.5	130.9	119.3	120.9	124.5	129.8	116.2	117.9	121.4	126.8	110.9	112.6	116.1	121.5	104.4	106.1	109.6	115.0	98.5	100.2	103.7	109.1
		S/T	0.87	0.80	0.67	0.5	0.87	0.80	0.67	0.5	0.90	0.83	0.70	0.6	0.94	0.86	0.72	0.6	0.99	0.90	0.75	0.6	1.00	1.00	0.84	0.7
		ΔT	27.88	25.97	22.40	18.7	27.83	25.92	22.35	18.7	28.10	26.19	22.62	18.9	27.81	25.90	22.33	18.6	27.55	25.64	22.08	18.4	26.33	26.78	23.27	19.6
4050	kW	7.32	7.31	7.29	7.4	8.21	8.20	8.19	8.3	9.20	9.20	9.18	9.2	10.28	10.27	10.26	10.3	11.48	11.48	11.46	11.5	12.90	12.89	12.87	12.9	
	Amps	28.35	28.32	28.25	28.6	32.43	32.40	32.33	32.6	36.99	36.96	36.89	37.2	41.92	41.89	41.82	42.1	47.43	47.39	47.32	47.6	53.89	53.85	53.78	54.1	
	Hi PR	276	277	279	283.6	319	320	322	326.7	364	365	367	371.7	412	414	416	420.3	465	466	468	472.6	521	522	524	528.4	
	Lo PR	128	138	141	146.6	127	146	149	154.7	151	151	156	161.8	157	152	162	167.8	128	152	164	173.7	170	153	175	172.0	
	MBh	123.4	125.0	128.6	133.9	122.3	124.0	127.5	132.9	119.2	120.9	124.4	129.8	113.9	115.6	119.1	124.5	107.5	109.1	112.6	118.0	101.5	103.2	106.7	112.1	
85	3150	S/T	0.95	0.87	0.73	0.6	0.96	0.88	0.73	0.6	1.00	0.91	0.76	0.6	1.00	0.94	0.78	0.6	1.00	0.99	0.82	0.6	1.00	1.00	0.91	0.7
		ΔT	26.44	24.53	20.97	17.3	26.39	24.48	20.91	17.2	26.66	24.75	21.18	17.5	25.57	24.46	20.89	17.2	24.12	24.21	20.64	16.9	22.79	23.17	21.83	18.1
		kW	7.37	7.37	7.35	7.4	8.27	8.26	8.24	8.3	9.26	9.25	9.24	9.3	10.34	10.33	10.32	10.4	11.54	11.53	11.52	11.6	12.95	12.95	12.93	13.0
		Amps	28.62	28.58	28.51	28.8	32.70	32.66	32.59	32.9	37.25	37.22	37.15	37.5	42.18	42.15	42.08	42.4	47.69	47.66	47.59	47.9	54.15	54.12	54.05	54.4
		Hi PR	279	280	282	287.1	322	323	325	330.1	367	369	370	375.2	416	417	419	423.7	468	469	471	476.1	524	525	527	531.9
	3400	Lo PR	128	141	144	150.1	128	149	153	158.2	127	152	160	165.3	155	152	166	171.3	159	153	169	177.2	163	162	165	175.5
		MBh	121.4	123.0	126.5	131.9	120.3	122.0	125.5	130.9	117.2	118.9	122.4	127.8	111.9	113.6	117.1	122.5	105.4	107.1	110.6	116.0	99.5	101.2	104.7	110.1
		S/T	0.92	0.86	0.73	0.6	0.93	0.86	0.74	0.6	0.96	0.89	0.76	0.6	1.00	0.92	0.79	0.7	1.00	0.97	0.83	0.7	1.00	1.00	0.92	0.8
		ΔT	32.28	30.37	26.80	23.1	32.23	30.32	26.75	23.1	32.49	30.58	27.02	23.3	32.21	30.30	26.73	23.0	30.43	30.04	26.47	22.8	28.72	29.20	27.67	24.0
		kW	7.31	7.30	7.29	7.4	8.20	8.19	8.18	8.2	9.19	9.19	9.17	9.2	10.27	10.26	10.25	10.3	11.47	11.47	11.45	11.5	12.89	12.88	12.86	12.9
4050	Amps	28.31	28.28	28.21	28.5	32.39	32.36	32.29	32.6	36.95	36.92	36.85	37.2	41.88	41.85	41.78	42.1	47.38	47.35	47.28	47.6	53.85	53.81	53.74	54.1	
	Hi PR	276	277	279	283.6	319	320	322	326.6	364	365	367	371.7	412	414	415	420.2	465	466	468	472.5	521	522	524	528.4	
	Lo PR	137	138	142	147.4	145	141	150	155.5	152	142	157	162.6	115	141	163	168.6	155	142	165	174.5	160	173	176	174.1	
	MBh	122.3	124.0	127.5	132.9	121.3	122.9	126.5	131.8	118.2	119.8	123.4	128.8	112.9	114.5	118.1	123.5	106.4	108.1	111.6	117.0	100.5	102.1	105.7	111.1	
	S/T	0.97	0.90	0.77	0.6	0.97	0.90	0.77	0.6	1.00	0.93	0.80	0.7	1.00	0.97	0.83	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.96	0.8	
4050	ΔT	31.63	29.72	26.15	22.5	31.58	29.67	26.10	22.4	31.60	29.64	26.37	22.7	30.18	29.65	26.08	22.4	28.45	28.89	25.83	22.1	26.87	27.31	27.02	23.3	
	kW	7.33	7.33	7.31	7.4	8.23	8.22	8.20	8.3	9.22	9.21	9.20	9.3	10.30	10.29	10.27	10.3	11.50	11.49	11.48	11.5	12.91	12.91	12.89	13.0	
	Amps	28.43	28.40	28.33	28.6	32.51	32.48	32.41	32.7	37.07	37.04	36.97	37.3	42.00	41.96	41.89	42.2	47.50	47.47	47.40	47.7	53.96	53.93	53.86	54.2	
	Hi PR	277	278	280	284.9	320	321	323	328.0	365	366	368	373.0	414	415	417	421.6	466	467	469	473.9	522	523	525	529.7	
	Lo PR	138	140	143	148.6	115	141	151	156.7	152	142	158	163.8	156	141	164	169.8	160	167	166	175.7	165	164	164	175.3	
4050	MBh	125.4	127.0	130.6	135.9	124.3	126.0	129.5	134.9	121.2	122.9	126.4	131.8	115.9	117.6	121.1	126.5	109.4	111.1	114.6	120.0	103.5	105.2	108.7	114.1	
	S/T	1.00	0.99	0.84	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.91	0.7	1.00	1.00	0.95	0.8	1.00	1.00	1.00	0.9	
	ΔT	28.14	28.28	24.72	21.0	27.90	28.23	24.66	21.0	27.21	27.58	24.93	21.2	26.02	26.39	24.64	20.9	24.57	24.94	24.39	20.7	23.24	23.61	24.40	21.9	
	kW	7.39	7.38	7.37	7.4	8.28	8.28	8.26	8.3	9.28	9.27	9.26	9.3	10.35	10.35	10.33	10.4	11.56	11.55	11.54	11.6	12.97	12.96	12.95	13.0	
	Amps	28.69	28.66	28.59	28.9	32.77	32.74	32.67	33.0	37.33	37.30	37.23	37.5	42.26	42.23	42.16	42.5	47.77	47.73	47.66	48.0	54.23	54.19	54.12	54.4	
4050	Hi PR	281	282	284	288.4	324	325	327	331.4	369	370	372	376.5	417	418	420	425.0	470	471	473	477.4	525	527	528	533.2	
	Lo PR	141	142	146	152.1	149	142	155	160.2	157	158	162	167.3	163	164	165	173.3	168	170	166	179.2	176	175	172	180.1	
	kW = Total system power												Amps: Unit amps (comp. + evaporator + condenser fan motors)								Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.					

Heating Rating Table - Natural Gas and Propane¹

UNIT	Rated High Input (MBH)	Gas Heat	Input/Output (MBH)	Temp Rise High (°F)	Temp Rise Low (°F)	Thermal Efficiency (T.E.)	Recommended Minimum Airflow (SCFM)	Recommended Maximum Airflow (SCFM)
DSG090	130	High	130/105.3	25- 55		81%	1765	3882
		Low	97.5/79		25-55		1323	2912
	180	High	180/145.8	25- 55		81%	2443	5375
		Low	135/109.35		25-55		1832	4031
	225	High	225/182.25	30- 60		81%	2800	5599
		Low	168.75/136.69		30- 60		2099	4199
DSG102	130	High	130/105.3	25- 55		81%	1765	3882
		Low	97.5/79		25-55		1323	2912
	180	High	180/145.8	25- 55		81%	2443	5375
		Low	135/109.35		25-55		1832	4031
	225	High	225/182.25	30- 60		81%	2800	5599
		Low	168.75/136.69		30- 60		2099	4199
DSG120	130	High	130/105.3	25- 55		81%	1765	3882
		Low	97.5/79		25-55		1323	2912
	180	High	180/145.8	25- 55		81%	2443	5375
		Low	135/109.35		25-55		1832	4031
	240	High	240/194.4	30- 60		81%	2986	5972
		Low	180/145.8		30- 60		2240	4479
DSG150	130	High	130/105.3	25- 55		81%	1765	3882
		Low	97.5/79		25-55		1323	2912
	180	High	180/145.8	25- 55		81%	2443	5375
		Low	135/109.35		25-55		1832	4031
	240	High	240/194.4	30- 60		81%	2986	5972
		Low	180/145.8		30- 60		2240	4479

¹LP High Fire Rate is Reduced 10% that of Natural Gas

7.5 Ton Fan Data • 130 MBH Gas Heat Exchange • Models: DSG0903D, DSG0904D, DSG0907D

Down Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2085	507	0.33
	0.4	1908	574	0.38
	0.6	1720	641	0.42
	0.8	1550	687	0.45
T2**	0.2	2159	518	0.37
	0.4	1983	583	0.41
	0.6	1801	648	0.46
	0.8	1636	694	0.49
T3	0.2	3030	645	0.85
	0.4	2877	695	0.92
	0.6	2739	744	0.98
	0.8	2627	782	1.03
T4	0.2	3291	684	1.05
	0.4	3146	730	1.12
	0.6	3018	774	1.19
	0.8	2917	811	1.25
T5	0.2	3374	696	1.12
	0.4	3231	741	1.19
		3106	784	1.26
	0.8	3008	821	1.32
T6**	0.2	1625	441	0.16
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T7**	0.2	1972	491	0.18
	0.4	1792	560	0.21
	0.6	1598	629	0.23
	0.8	-	-	-
T8	0.2	2304	539	0.43
	0.4	2132	602	0.48
	0.6	1958	664	0.53
	0.8	1803	708	0.57
T9	0.2	3291	684	1.05
	0.4	3146	730	1.12
	0.6	3018	774	1.19
	0.8	2917	811	1.25
T10	0.2	3374	696	1.12
	0.4	3231	741	1.19
	0.6	3106	784	1.26
	0.8	3008	821	1.32

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2077	498	0.33
	0.4	1910	563	0.37
	0.6	1716	630	0.41
	0.8	-	-	-
T2**	0.2	2152	508	0.36
	0.4	1986	572	0.40
	0.6	1797	638	0.45
	0.8	1531	716	0.51
T3	0.2	3035	632	0.84
	0.4	2892	682	0.90
	0.6	2752	732	0.97
	0.8	2609	784	1.04
T4	0.2	3300	670	1.03
	0.4	3164	717	1.10
	0.6	3036	762	1.17
	0.8	2922	807	1.24
T5	0.2	3384	683	1.10
	0.4	3250	728	1.17
		3126	772	1.24
	0.8	3019	815	1.31
T6**	0.2	1610	433	0.16
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T7**	0.2	1962	482	0.18
	0.4	1792	549	0.21
	0.6	1591	618	0.23
	0.8	-	-	-
T8	0.2	2299	528	0.42
	0.4	2137	590	0.47
	0.6	1957	653	0.52
	0.8	1714	727	0.58
T9	0.2	3300	670	1.03
	0.4	3164	717	1.10
	0.6	3036	762	1.17
	0.8	2922	807	1.24
T10	0.2	3384	683	1.10
	0.4	3250	728	1.17
	0.6	3126	772	1.24
	0.8	3019	815	1.31

Shaded speed tap - Gas heating airflow.

**(T1) (T2) and (T6)(T7) are part load only.

7.5 Ton Fan Data • 130 MBH Gas Heat Exchange • Models: DSG0903L, DSG0904L, DSG0907L

Down Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2159	518	0.37
	0.4	1983	583	0.41
	0.6	1801	648	0.46
	0.8	1636	694	0.49
	1	-	-	-
	1.2	-	-	-
T2**	0.2	2410	554	0.48
	0.4	2241	615	0.54
	0.6	2072	675	0.59
	0.8	1925	718	0.63
	1	1733	777	0.68
	1.2	1530	832	0.72
T3	0.2	3363	695	1.11
	0.4	3220	740	1.18
	0.6	3095	783	1.25
	0.8	2996	820	1.31
	1	2871	866	1.38
	1.2	2732	907	1.45
T4	0.2	3622	734	1.35
	0.4	3487	775	1.42
	0.6	3369	815	1.50
	0.8	3278	851	1.56
	1	3164	893	1.64
	1.2	3040	932	1.71
T5	0.2	3749	753	1.47
	0.4	3618	793	1.55
	0.6	3502	832	1.63
	0.8	3412	867	1.70
	1	3302	908	1.78
	1.2	3184	946	1.85
T6**	0.2	3015	998	1.95
	0.4	1934	485	0.27
	0.6	1753	555	0.31
	0.8	1556	625	0.35
	1	-	-	-
	1.2	-	-	-
T7**	0.2	2268	534	0.41
	0.4	2095	597	0.46
	0.6	1919	660	0.51
	0.8	1762	704	0.55
	1	1557	765	0.59
	1.2	-	-	-
T8	0.2	2582	579	0.57
	0.4	2417	637	0.63
	0.6	2258	693	0.69
	0.8	2121	735	0.73
	1	1944	792	0.78
	1.2	1753	844	0.84
T9	0.2	1507	912	0.90
	0.4	3622	734	1.35
	0.6	3487	775	1.42
	0.8	3369	815	1.50
	1	3278	851	1.56
	1.2	3164	893	1.64
T10	0.2	3040	932	1.71
	0.4	2859	987	1.81
	0.6	3749	753	1.47
	0.8	3618	793	1.55
	1	3502	832	1.63
	1.2	3412	867	1.70

Shaded speed tap - Gas heating airflow.

**(T1) (T2) and (T6)(T7) are part load only.

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2152	508	0.36
	0.4	1987	572	0.40
	0.6	1797	638	0.45
	0.8	1531	716	0.51
	1	-	-	-
	1.2	-	-	-
T2**	0.2	2406	543	0.47
	0.4	2246	603	0.53
	0.6	2072	664	0.58
	0.8	1846	734	0.64
	1	1628	802	0.70
	1.2	-	-	-
T3	0.2	3370	681	1.09
	0.4	3236	726	1.16
	0.6	3111	770	1.23
	0.8	3005	814	1.30
	1	2865	860	1.37
	1.2	2742	904	1.44
T4	0.2	3635	720	1.32
	0.4	3509	762	1.40
	0.6	3394	802	1.47
	0.8	3306	841	1.54
	1	3184	882	1.62
	1.2	3070	924	1.69
T5	0.2	2901	971	1.78
	0.4	3763	739	1.45
	0.6	3641	779	1.53
	0.8	3530	818	1.60
	1	3448	855	1.67
	1.2	3333	894	1.75
T6**	0.2	3223	935	1.83
	0.4	3066	977	1.91
	0.6	1926	477	0.27
	0.8	1754	545	0.31
	1	1551	614	0.35
	1.2	-	-	-
T7**	0.2	2262	523	0.41
	0.4	2099	586	0.45
	0.6	1917	649	0.50
	0.8	1668	724	0.56
	1	-	-	-
	1.2	-	-	-
T8	0.2	2579	568	0.56
	0.4	2424	625	0.62
	0.6	2260	682	0.68
	0.8	2060	747	0.74
	1	1857	810	0.80
	1.2	1697	857	0.85
T9	0.2	1697	857	0.85
	0.4	3635	720	1.32
	0.6	3509	762	1.40
	0.8	3394	802	1.47
	1	3306	841	1.54
	1.2	3184	882	1.62
T10	0.2	3070	924	1.69
	0.4	2901	971	1.78
	0.6	3763	739	1.45
	0.8	3641	779	1.53
	1	3530	818	1.60
	1.2	3448	855	1.67