

D5CURA

Outdoor Unit Single Zone Heat Pump System

Sizes 1-1/2 to 5 Nominal Tons



Product Data



Fig. 1 – Typical Unit

NOTE: Images are for illustration purposes only. Actual models may differ slightly.

INDUSTRY LEADING FEATURES / BENEFITS

Energy Efficiency

- 15.2 – 18.8 SEER2; 10 – 13 EER2 B2; 8.4 – 9.2 HSPF2 IV

Sound

- Levels as low as 55 dB(A)

Design Features

- Small Footprint
- Integrated 24V and RS-485 communications

Reliability, Quality, and Toughness

- Inverter-driven, variable speed, rotary Compressor
- Line lengths up to 213' (65 m)
- Low ambient operation on high heat models down to -22°F (-30°C) without the use of wind baffles
- Conventional line set sizes

NOTE: Ratings contained in this document are subject to change at any time. Always refer to the AHRI directory (www.ahridirectory.org) for the most up-to-date ratings information.

TABLE OF CONTENTS

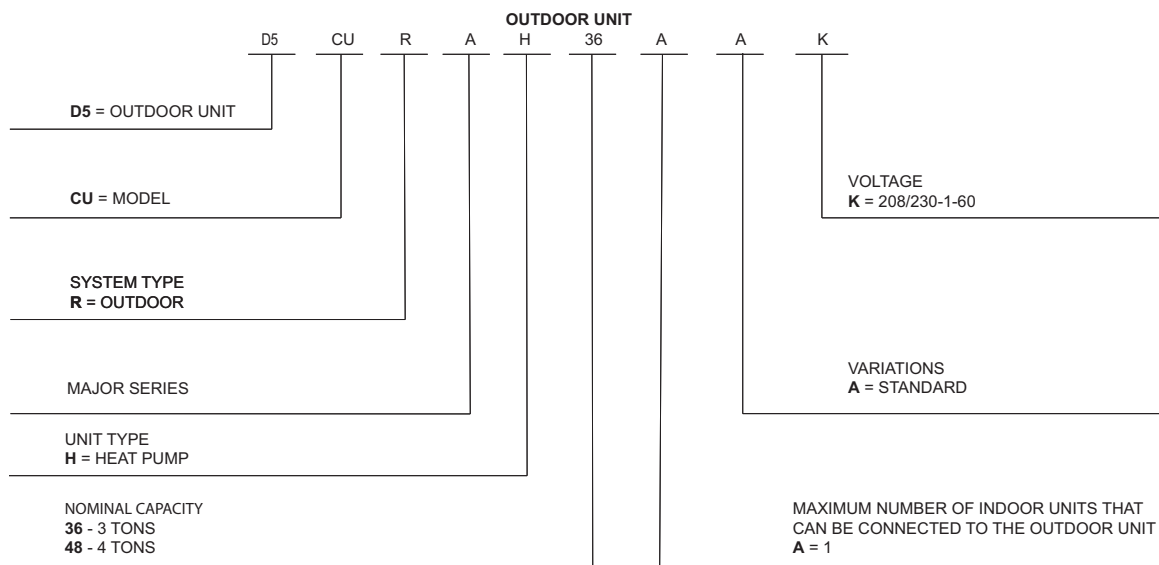
MODEL NUMBER NOMENCLATURE	2
STANDARD FEATURES AND ACCESSORIES	2
Table 1 – Features	2
Table 2 – Accessories	3
DIMENSIONS	3
Table 3 – Dimensions and Weights	3
CLEARANCES	6
SPECIFICATIONS	8
Table 4 – Comprehensive Specifications	8

Performance DATA	11
COOLING PERFORMANCE - D5CURA+ D5FUAA	11
Table 5 – 18K Cooling — D5CURA + D5FUAA	12
Table 6 – 24K Cooling — D5CURA + D5FUAA	16
Table 7 – 30K Cooling — D5CURA + D5FUAA	20
Table 8 – 36K Cooling — D5CURA + D5FUAA	24
Table 9 – 48K Cooling — D5CURA + D5FUAA	28
Table 10 – 54K Cooling — D5CURA + D5FUAA	32
HEATING PERFORMANCE - D5CURA + D5FUAA	36
Table 11 – 18K Heating — D5CURA + D5FUAA	36
Table 12 – 24K Heating — D5CURA + D5FUAA	38
Table 13 – 30K Heating — D5CURA + D5FUAA	40
Table 14 – 36K Heating — D5CURA + D5FUAA	42
Table 15 – 48K Heating — D5CURA + D5FUAA	44
Table 16 – 54K Heating — D5CURA + D5FUAA	46
COOLING PERFORMANCE - D5CURA + D5FULA	48
Table 17 – 18K Cooling — D5CURA + D5FULA (24A)	49
Table 18 – 18K Cooling — D5CURA + D5FULA (24B)	51
Table 19 – 24K Cooling — D5CURA + D5FULA (24A)	53
Table 20 – 24K Cooling — D5CURA + D5FULA (24B)	55
Table 21 – 30K Cooling — D5CURA + D5FULA (36A)	57
Table 22 – 30K Cooling — D5CURA + D5FULA (36B)	59
Table 23 – 30K Cooling — D5CURA + D5FULA (36C)	61
Table 24 – 36K Cooling — D5CURA + D5FULA (36A)	63
Table 25 – 36K Cooling — D5CURA + D5FULA (36B)	65
Table 26 – 36K Cooling — D5CURA + D5FULA (36C)	67
Table 27 – 48K Cooling — D5CURA + D5FULA (60C)	69
Table 28 – 48K Cooling — D5CURA + D5FULA (60D)	71
Table 29 – 54K Cooling — D5CURA + D5FULA (60C)	73
Table 30 – 54K Cooling — D5CURA + D5FULA (60D)	75
HEATING PERFORMANCE - D5CURA + D5FULA	77
Table 31 – 18K Heating — D5CURA + D5FULA (24A)	77
Table 32 – 18K Heating — D5CURA + D5FULA (24B)	78
Table 33 – 24K Heating — D5CURA + D5FULA (24A)	79
Table 34 – 24K Heating — D5CURA + D5FULA (24B)	80
Table 35 – 30K Heating — D5CURA + D5FULA (36A)	81
Table 36 – 30K Heating — D5CURA + D5FULA (36B)	82
Table 37 – 30K Heating — D5CURA + D5FULA (36C)	83
Table 38 – 36K Heating — D5CURA + D5FULA (36A)	84
Table 39 – 36K Heating — D5CURA + D5FULA (36B)	85
Table 40 – 36K Heating — D5CURA + D5FULA (36C)	86
Table 41 – 48K Heating — D5CURA + D5FULA (60C)	87
Table 42 – 48K Heating — D5CURA + D5FULA (60D)	88
Table 43 – 54K Heating — D5CURA + D5FULA (60C)	89
Table 44 – 54K Heating — D5CURA + D5FULA (60D)	90
APPLICATION DATA	91
WIRING	91
Table 45 – Wiring Sizes 36 – 48	91
Table 46 – Terminal Functions	92
24V WIRING	92
Table 47 – Jumper Usage for Thermostat Wiring	93
SPECIFIC WIRING METHODS	94
AIR FLOW DATA	96
Table 48 – Airflow Data	96
SOUND PRESSURE AND SOUND POWER	96
Table 49 – Sound Pressure and Sound Power	96
SOUND PRESSURE IN OCTAVE BANDS	96

Table 50 – Outdoor Unit Sound Pressure Test Conditions	97
FAN AND MOTOR AND ELECTRICAL SPECIFICATIONS	97
WIRING DIAGRAMS	98

GUIDE SPECIFICATIONS	103
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MODEL NUMBER NOMENCLATURE



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STANDARD FEATURES AND ACCESSORIES

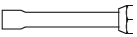
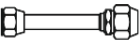
Table 1 – Features

Ease Of Installation	
Low Voltage Controls	S
Comfort Features	
Microprocessor Control	S
Auto Restart Function	S
Auto Changeover	S
Energy Saving Features	
Inverter Driven Compressor	S
46° F Heating Mode (Heating Setback)	S
Safety And Reliability	
3 Minute Time Delay For Compressor	S
High Compressor Discharge Temperature	S
Low Voltage Protection	S
Compressor Overload Protection	S
Compressor Over Current Protection	S
IPM Module Protection	S
Condenser High Temperature Protection in Cooling Mode	
Aluminum Hydrophilic pre-coated fins	S
Ease Of Service And Maintenance	
Diagnostics	S
Liquid Line Pressure Taps	S
Application Flexibility	
Crankcase Heater	S
Base pan Heater	S

LEGEND
S - Standard
A - Accessory

ACCESSORIES

Table 2 – Accessories

Name	Image	Qty
Drain Fitting		1
Gasket		1
Flare-to-Braze Adapter		1
5/8 Flare to 3/4 Flare Adapter (for 18K Regular Heat Series)		1
6 feet of Drain Tubing		1

DIMENSIONS

Table 3 – Dimensions and Weights

System Size		18K	24K	30K	36K	48K	60K
		(208/230 V)	(208/230 V)	(208/230 V)	(208/230 V)	(208/230 V)	(208/230 V)
Height (H)	in	21.81	26.5	31.89	31.89	38.39	38.39
	mm	554	673	810	810	975	975
Width (W)	in	31.69	35.04	37.24	37.24	38.58	38.58
	mm	805	890	946	946	980	980
Depth (D)	in	12.99	13.46	16.14	16.14	16.34	16.34
	mm	330	342	410	410	415	415
Weight -Net	lbs.	77.16	102.29	141.76	153.22	192.9	192.9
	kg	35	46.4	64.3	69.5	87.5	87.5
Packaging							
Height (H)	in	24.21	29.13	34.84	34.84	42.52	42.52
	mm	615	740	885	885	1080	1080
Width (W)	in	36.02	39.17	42.91	42.91	45.08	45.08
	mm	915	995	1090	1090	1145	1145
Depth (D)	in	14.57	15.67	19.68	19.68	19.68	19.68
	mm	370	398	500	500	500	500
Weight-Gross	lbs.	83.77	109.13	152.34	163.58	224.21	224.21
	kg	38	49.5	69.1	74.2	101.7	101.7

Outdoor Units

Crankcase Heater

The crankcase heater is standard on all unit sizes. Heater clamps must be placed around the compressor oil sump.

Base pan Heater

The base pan heater is standard on all unit sizes.

Long Line Piping Length

Piping flexibility up to a total piping length of 213ft. (65m).

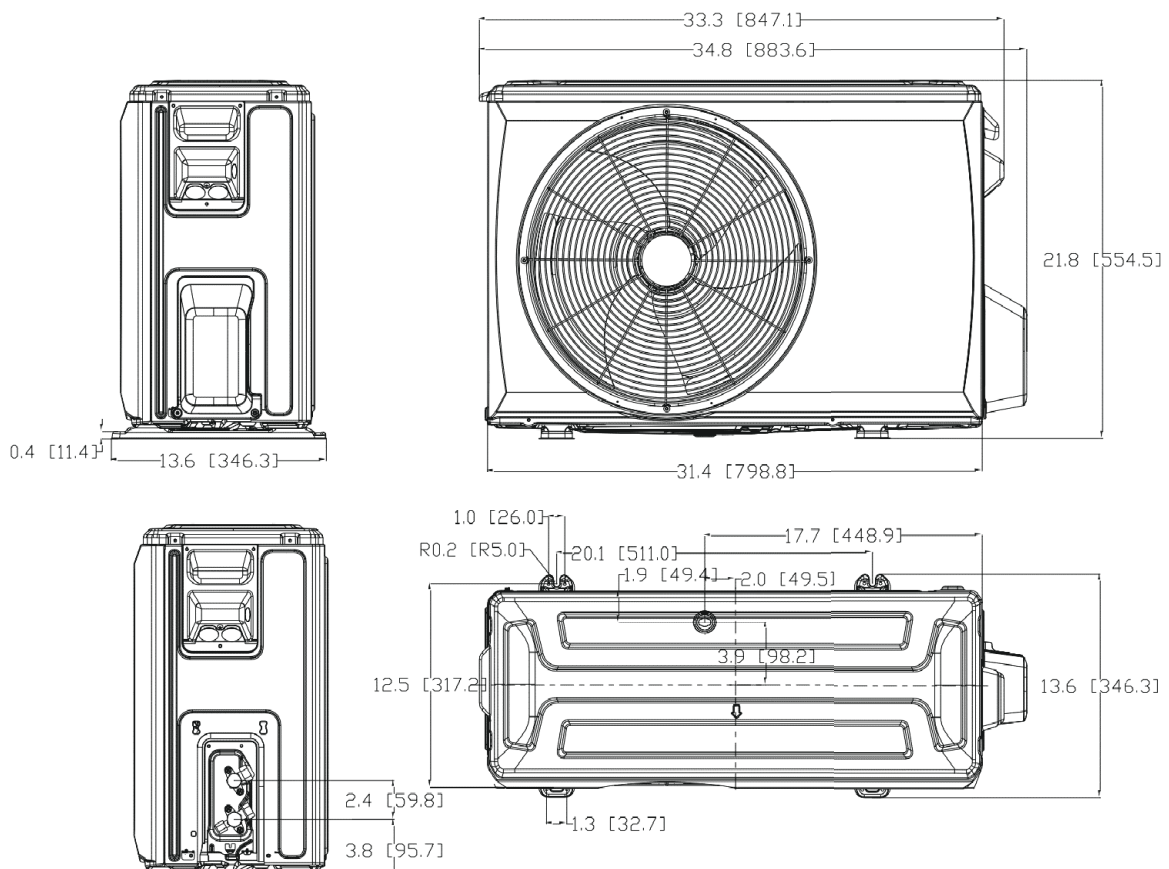


Fig. 2 – Size 18K

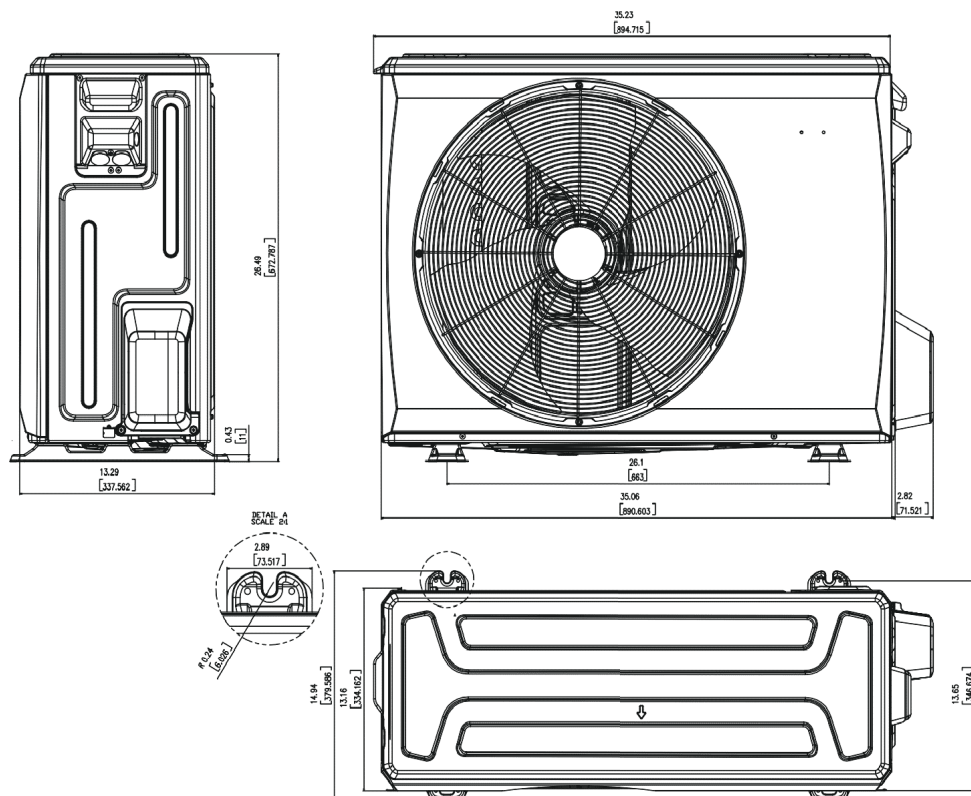


Fig. 3 – Size 24K

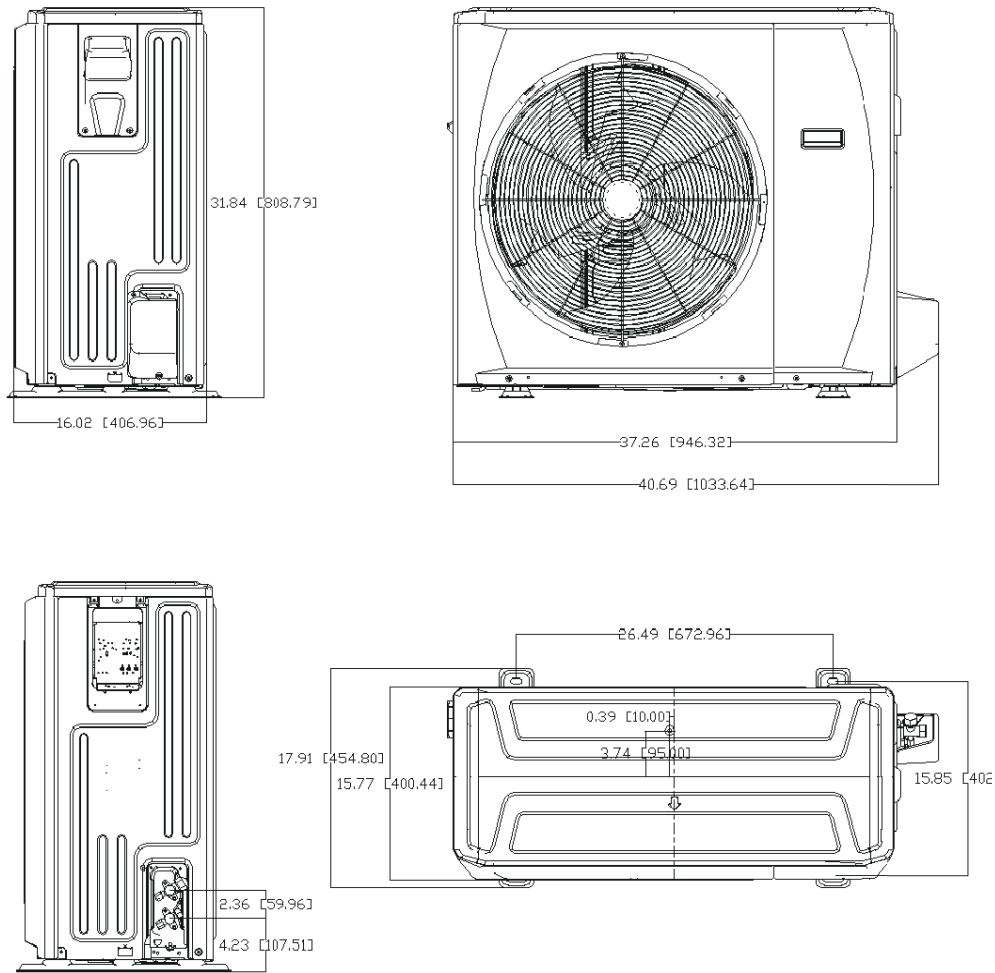


Fig. 4 – Sizes 30/36K

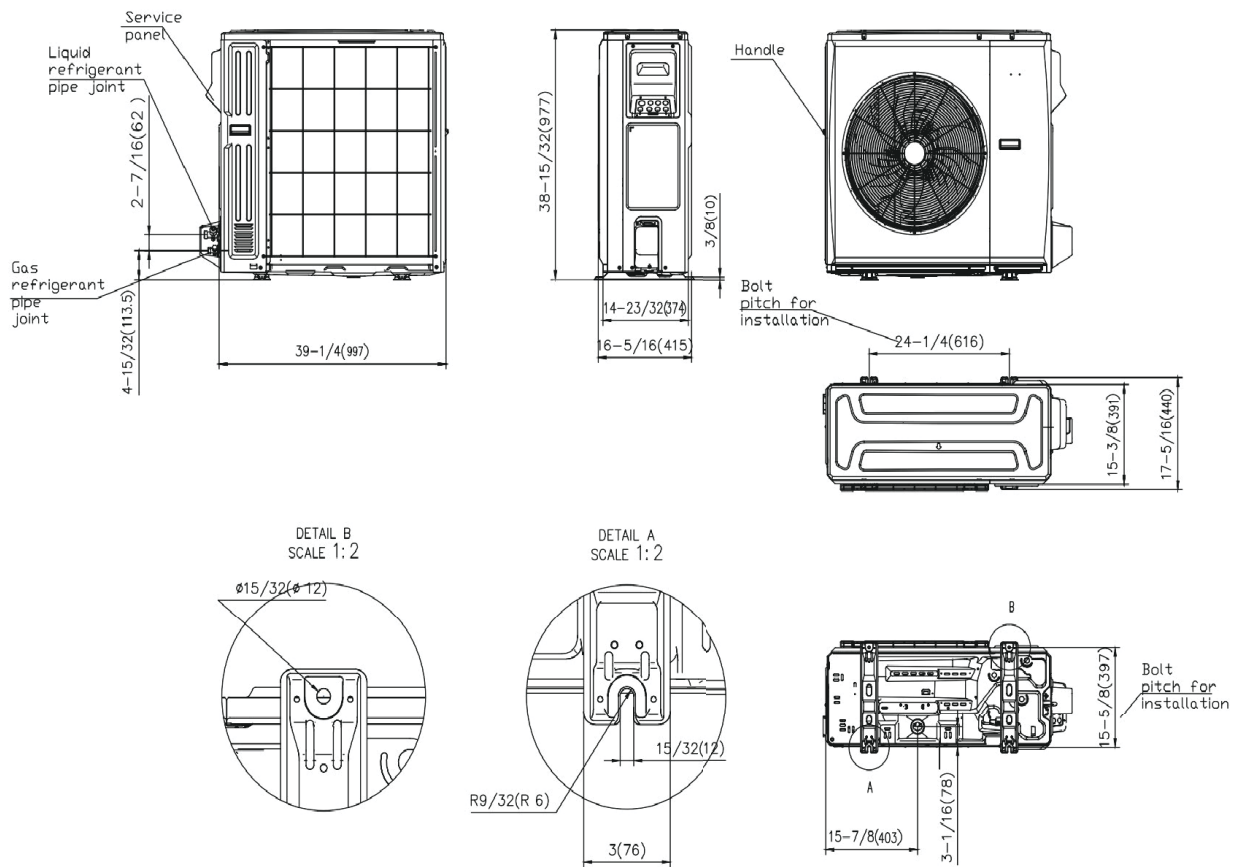


Fig. 5 – Sizes 48/60K

CLEARANCES

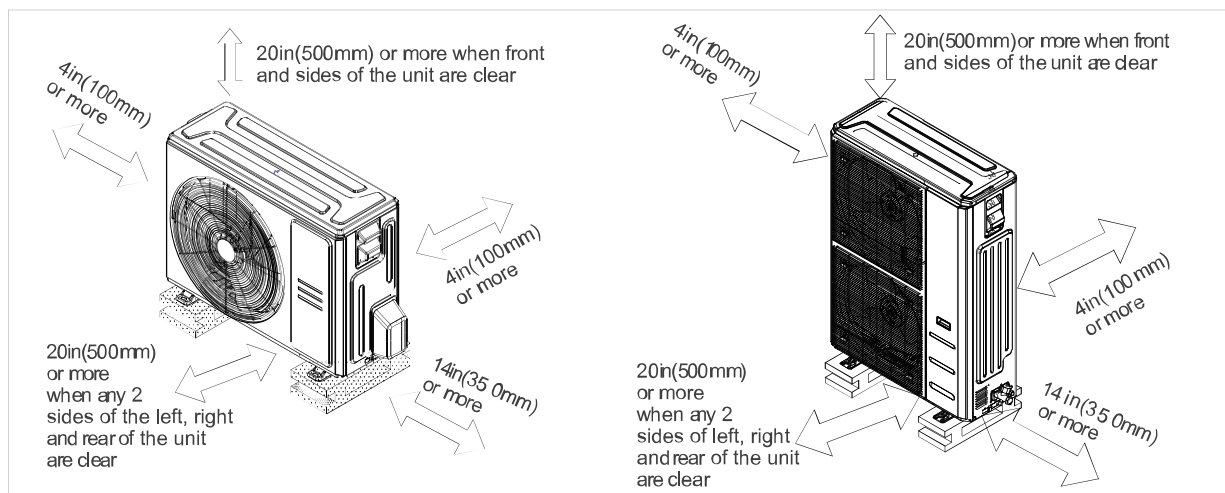


Fig. 6 – Clearances

NOTE: The outdoor unit must be mounted at least 2in (50mm) above the maximum anticipated snow depth.

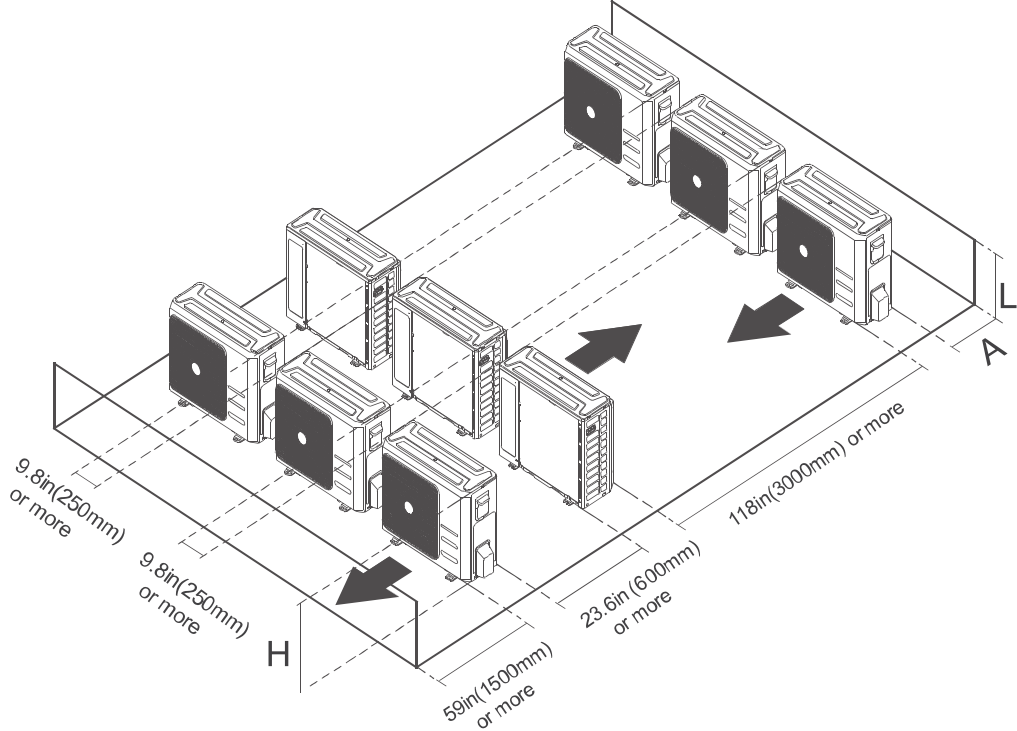


Fig. 7 – Clearances for multiple units

SPECIFICATIONS

Table 4 – Comprehensive Specifications

Outdoor Model		D5CURAH18AAK	D5CURAH24AAK	D5CURAH30AAK	D5CURAH36AAK	D5CURAH48AAK	D5CURAH60AAK	
Power supply		V;Ph;Hz	208/230V;1Ph;60HZ					
COMPRESSOR SPECIFICATIONS	Model		KSN140D58UFZ	KTM240D46UKT2	KTF250D22UMT	KTF310D43UMT	MTH550UKPC8FU	MTH550UKPC8FU
	Type		ROTARY					
	Brand		GMCC				HIGHLY	
	Capacity	W	4315	4780/7600	8095	10010	16250	16250
		Btu/h	14723	16309/25931	27620	34154	55445	55445
	Input	W	1090	805/2045	2200	2765	4900	4900
	Rated current	A	7.15	9.30	10	5.38	21	21
	Refrigerant Oil		ESTER OIL				HAF68D1C	
	Oil Type		VG74				HAF68D1C	
	Oil Charge	fl. Oz	14.88	20.97	22.66	33.82	60.87	60.87
OUTDOOR FAN SPECIFICATIONS	Material		Acrylonitrile Styrene +20%GF					
	Type		ZL-434*144*8-3KN	ZL-535*133*12-3KFN	ZL-560*139*12-3KN	ZL-560*139*12-3KN	ZL-570*196*15-3N	ZL-570*196*15-3N
	Diameter	inch	17.1	21.1	22.0	22.0	22.4	22.4
		mm	434	535	560	560	570	570
	Height	inch	5.7	5.2	5.5	5.5	7.7	7.7
		mm	144	133	139	139	196	196
OUTDOOR MOTOR SPECIFICATIONS	Model		ZKFN-34-10-1L-1	ZKFN-80-8-3	ZKFN-120-8-2	ZKFN-120-10-1L	ZKFN-250-10-1	ZKFN-250-10-1
	Type		DC	DC	DC	DC	DC	DC
	Input	W	35.4	94.7	91.0	81.8	228.0	228.0
	Max. input	W	81.0	239.0	176.0	181.0	365.0	365.0
	Output	W	26.6	71	68.3	61.4	171.0	171.0
	FLA	A	0.8	1	1.1	1.5	2	1.2
	Rated HP	HP	0.04	0.10	0.09	0.08	0.23	0.23
	Range of current	Amps	0.57~0.85	0.3~1.85	0.79~1.67	0.84~1.69	1.28~2.96	1.28~2.96
	Rated current	Amps	0.620	0.82	1.09	1.05	2.00	2.00
	Speed	rev/min	840/700/650	810/700/450	850/700/500	800/750/500	850/800/750/650	850/800/750/650
	Rated RPM	rev/min	840	810	850	800	850	850
	Insulation class		B	E	E	B	B	B
	Safe class		IP24	IPX4	IPX4	IP44	IP44	IP44

Table 4 – Comprehensive Specifications (Continued)

Outdoor Model			D5CURAH18AAK	D5CURAH24AAK	D5CURAH30AAK	D5CURAH36AAK	D5CURAH48AAK	D5CURAH60AAK
OUTDOOR REFRIGERANT COIL SPECIFICATIONS	Number of rows	Rows	2	2	2.6	3	3	3
	Tube outside dia.	inch	0.276	0.276	0.276	0.276	0.276	0.276
		mm	Φ7	Φ7	Φ7	Φ7	Φ7	Φ7
	Nominal Tube Wall	in (mm)	0.00945 (0.24)	0.00945 (0.24)	0.00945 (0.24)	0.00945 (0.24)	0.00945 (0.24)	0.00945 (0.24)
	Tube Enhancement	(Yes/No)	Yes	Yes	Yes	Yes	Yes	Yes
	Tube Material		Copper	Copper	Copper	Copper	Copper	Copper
	Tube pitch(a)x row pitch(b)	inch	0.83× 0.87	0.83× 0.87	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53
		mm	21x22	21x22	21x13.37	21x13.37	21x13.37	21x13.37
	Fin Spacing	FPI	20	20	19	19	20	20
		mm	1.3	1.3	1.4	1.4	1.3	1.3
	Fin type		Flat fin	Flat fin	Louvered	Louvered	Flat fin	Flat fin
	Fin Material		Gold hydrophilic aluminum					
	Coil length x height x width	inch	33.86x19.84x1.73	35.43x23.98x0.86+34.06x23.98x0.86	39.57x29.76x1.05+23.54x29.76x0.53	39.37x29.76x0.53+38.58x29.76x0.53+37.64x29.76x0.53	29.92x36.38x1.58	29.92x36.38x1.58
		mm	860*504*44	900*609*22+865*609*22	1005x756x26.74+598x756x13.37	1000x756x13.37+980x756x13.37+965x756x13.37	760*924*40.11	760*924*40.11
Piping and Refrigerant Information	Face area	ft2	4.67	5.90	8.18	8.14	7.56	7.56
	Number of circuits	#	4	6	6	6	10	10
	High Burst Pressure	Psi (MPa)	550(3.79)	550(3.79)	550(3.79)	550(3.79)	550(3.79)	550(3.79)
	Low Burst Pressure	Psi (MPa)	340(2.34)	340(2.34)	340(2.34)	340(2.34)	340(2.34)	340(2.34)
	Refrigerant Type	Type	R454B	R454B	R454B	R454B	R454B	R454B
	Charge Amount	lb. (kg)	3.2(1.45)	4.63(2.1)	5.73(2.6)	7.28(3.3)	8.38(3.8)	8.38(3.8)
	Additional refrigerant charge	Oz/ft (g/m)	0.7(65)	0.7(65)	0.7(65)	0.7(65)	0.7(65)	0.7(65)
	Liquid Pipe (size - connection type)	In (mm)	3/8in (9.52mm)	3/8in (9.52mm)	3/8in (9.52mm)	3/8in (9.52mm)	3/8in (9.52mm)	3/8in (9.52mm)
	Suction Pipe (size - connection type)	In (mm)	3/4in (19mm)	3/4in (19mm)	3/4in (19mm)	3/4in (19mm)	3/4in (19mm)	3/4in (19mm)
	Min. Piping Length	ft. (m)	9.8 (3)	9.8 (3)	9.8 (3)	9.8 (3)	9.8 (3)	9.8 (3)
	Standard Piping Length	ft. (m)	24.6 (7.5)	24.6 (7.5)	24.6 (7.5)	24.6 (7.5)	24.6 (7.5)	24.6 (7.5)
	Max. Piping Length with no additional refrigerant charge per System	ft. (m)	24.6 (7.5)	24.6 (7.5)	24.6 (7.5)	24.6 (7.5)	24.6 (7.5)	24.6 (7.5)
	Total Maximum Piping Length per system	ft. (m)	98.42(30)	164.04(50)	164.04(50)	246(75)	246(75)	246(75)
	Max. outdoor-indoor height difference (OU higher than IU)	ft. (m)	65.62(20)	82.02(25)	82.02(25)	98.42(30)	98.42(30)	98.42(30)
	Max. outdoor-indoor height difference (IU higher than OU)	ft. (m)	65.62(20)	82.02(25)	82.02(25)	98.42(30)	98.42(30)	98.42(30)
AIRFLOW SPECIFICATIONS	Outdoor (CFM)	CFM	1451.7	1766.8	3003.5	2237.9	3037.1	3037.1
SOUND DATA	Outdoor Sound Pressure Level	dB(A)	55	60	60	63	65	65

Table 4 – Comprehensive Specifications (Continued)

Outdoor Model				D5CURAH18AAK	D5CURAH24AAK	D5CURAH30AAK	D5CURAH36AAK	D5CURAH48AAK	D5CURAH60AAK	
ENVIRONMENTAL SPECIFICATIONS	Cooling Operating Range	Indoor Min - Max DB	°F	60~90	60~90	60~90	60~90	60~90	60~90	
			(°C)	(16-32)	(16-32)	(16-32)	(16-32)	(16-32)	(16-32)	
		Indoor Min - Max WB	°F	59-84	59-84	59-84	59-84	59-84	59-84	
			(°C)	(15-29)	(15-29)	(15-29)	(15-29)	(15-29)	(15-29)	
		Outdoor Min - Max DB	°F	-13~122	-13~122	-13~122	-13~122	-13~122	-13~122	
			(°C)	(-25~50)	(-25~50)	(-25~50)	(-25~50)	(-25~50)	(-25~50)	
	Heating Operating Range	Indoor Min - Max DB	°F	32-86	32-866	32-86	32-86	32-86	32-86	
			(°C)	(0-30)	(0-30)	(0-30)	(0-30)	(0-30)	(0-30)	
		Outdoor Min - Max DB	°F	-13~75	-13~75	-13~75	-13~75	-13~75	-13~75	
			(°C)	(-25~24)	(-25~24)	(-25~24)	(-25~24)	(-25~24)	(-25~24)	
	Cooling Cut-in	Temperature	°F	NA	NA	NA	NA	NA	NA	
			(°C)	NA	NA	NA	NA	NA	NA	
	Cooling Cut-out	Temperature	°F	NA	NA	NA	NA	NA	NA	
			(°C)	NA	NA	NA	NA	NA	NA	
	Heating Cut-in	Temperature	°F	NA	NA	NA	NA	NA	NA	
			(°C)	NA	NA	NA	NA	NA	NA	
	Heating Cut-Out	Temperature	°F	NA	NA	NA	NA	NA	NA	
			(°C)	NA	NA	NA	NA	NA	NA	
	Non-operating environment Storage Temperature range (DB)			°F	-49-140	-49-140	-49-140	-49-140	-49-140	-49-140
				(°C)	(-45-60)	(-45-60)	(-45-60)	(-45-60)	(-45-60)	(-45-60)
Operation Humidity			%	0-80%	0-80%	0-80%	0-80%	0-80%	0-80%	
Ambient Humidity			%	0-80%	0-80%	0-80%	0-80%	0-80%	0-80%	

PERFORMANCE DATA

Indoor unit type			AHU3					
Indoor model			D5FUAAH18XAK	D5FUAAH24XAK	D5FUAAH30XAK	D5FUAAH36XAK	D5FUAAH48XAK	D5FUAAH60XAK
Outdoor model			D5CURAH18AAK	D5CURAH24AAK	D5CURAH30AAK	D5CURAH36AAK	D5CURAH48AAK	D5CURAH60AAK
Performance Data	Power supply	V;Ph;Hz	208/230V;1Ph;60HZ	208/230V;1Ph;60HZ	208/230V;1Ph;60HZ	208/230V;1Ph;60HZ	208/230V;1Ph;60HZ	208/230V;1Ph;60HZ
	Cooling Rated Capacity (DOE A2 - 95°F)	Btu/h	18000	24000	30000	36000	48000	54000
	Cooling Capacity Range	Btu/h	5350~20000	7200~27000	10400~34000	8300~38900	16600~49900	21000~55000
	SEER2	Btu/h.W	18.8	18.2	17	16.2	16	15.2
	EER2 (DOE A2 - 95°F)	Btu/h.W	11	11	10.8	10	10	8.7
	Heating Rated Capacity (DOE H12 - 47°F)	Btu/h	18000	26000	31000	36000	48000	54000
	Heating Capacity Range	Btu/h	5600~19000	7100~30000	6400~32000	6700~41300	15300~49500	26000~55000
	COP (DOE H12 - 47°F)	W/W	3.15	3.18	3.5	3.4	3.45	3.37
	HSPF2 IV	Btu/h.W	9.2	9.7	8.5	8.7	8.5	8.4
	HSPF2 V	Btu/h.W	7	7.7	6.6	7	7.2	6.8
	Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h	18800	25600	32400	36400	44000	55000
	EER (DOE B2 - 82°F)	Btu/h.W	13	13.8	13.5	12.1	10.9	10
	Heating Rated Capacity (DOE H32 - 17°F)	Btu/h	12600	20000	18500	25600	32400	33000
	COP (DOE H32 - 17°F)	W/W	2.6	2.42	2.4	2.6	2.47	2.34
	Heating Maximum Capacity (17°F)	Btu/h	12600	22000	20600	30000	39000	40000
	Heating Rated Capacity (DOE H42 - 5°F)	Btu/h	11200	21600	19100	27000	38000	38000
	COP (DOE H42 - 5°F)	W/W	2	1.87	2	2	1.85	1.8
	Heating Maximum Capacity (5°F)	Btu/h	11200	21600	19100	27000	38000	38000

COOLING PERFORMANCE - D5CURA+ D5FUA

For the following tables:
TC = Total Cooling Capacity (BTU/hr)
S/T = Sensible Cooling Capacity Ratio
PI = Power Input (kW)

Extrapolated Data: The highlighted data is tested; other data is simulated and for reference.

Manufacturer reserves the right to change, at any time, specifications and designs without notice and without obligations.

Table 5 – 18K Cooling — D5CURA + D5FUAA

Airflow CFM	Out- door DB °F	ID WB °F	60.8°F (16.0°C)					64.4°F (16.0°C)					67.0°F (19.4°C)					71.6°F (22.0°C)				
		ID DB °F	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C
490	-13°F 25°C	TC	14173	14171	14169	14169	14166	14832	14829	14826	14826	14823	15300	15296	15293	15292	15289	16177	16173	16170	16169	16164
		S/T	0.72	0.80	0.87	0.88	0.97	0.59	0.67	0.74	0.76	0.83	0.51	0.59	0.66	0.67	0.75	0.38	0.46	0.51	0.52	0.60
		PI	0.68	0.68	0.68	0.68	0.68	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.66	0.66	0.66	0.66	0.66
	-4°F 20°C	TC	15263	15261	15259	15259	15256	15973	15969	15967	15966	15963	16477	16473	16469	16468	16465	17422	17417	17413	17413	17407
		S/T	0.72	0.80	0.88	0.89	0.97	0.60	0.68	0.75	0.76	0.84	0.52	0.59	0.66	0.67	0.75	0.39	0.47	0.51	0.52	0.60
		PI	0.70	0.70	0.70	0.70	0.70	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
	0°F 17.8°C	TC	15760	15757	15754	15754	15749	16486	16483	16479	16478	16474	17000	16996	16992	16991	16986	17959	17955	17951	17951	17944
		S/T	0.72	0.81	0.88	0.90	0.98	0.60	0.68	0.75	0.76	0.85	0.52	0.60	0.67	0.68	0.76	0.39	0.47	0.52	0.53	0.60
		PI	0.71	0.71	0.71	0.71	0.71	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
	5°F 15°C	TC	16254	16254	16254	16254	16497	17066	17063	17062	17062	17064	17649	17648	17645	17645	17647	18768	18763	18759	18758	18758
		S/T	0.73	0.82	0.90	0.91	1.00	0.60	0.69	0.76	0.77	0.86	0.52	0.60	0.67	0.68	0.77	0.39	0.47	0.52	0.53	0.61
		PI	0.72	0.72	0.72	0.72	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.72	0.72	0.72	0.72	0.72
	14°F 10°C	TC	17302	17299	17297	17297	17381	18210	18205	18202	18202	18199	18859	18854	18850	18849	18845	20091	20086	20081	20080	20073
		S/T	0.73	0.81	0.89	0.90	0.99	0.60	0.68	0.75	0.76	0.85	0.52	0.60	0.66	0.68	0.76	0.39	0.47	0.51	0.53	0.60
		PI	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
	17°F 10°C	TC	17663	17659	17657	17656	17911	18589	18585	18581	18580	18581	19254	19254	19251	19251	19253	20555	20549	20544	20543	20544
		S/T	0.73	0.82	0.89	0.91	1.00	0.60	0.69	0.76	0.77	0.85	0.52	0.60	0.67	0.68	0.76	0.39	0.47	0.52	0.53	0.61
		PI	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
	23°F 5°C	TC	17678	17679	17679	17690	18013	18630	18626	18626	18626	18628	19314	19313	19310	19310	19312	20631	20625	20620	20619	20619
		S/T	0.74	0.83	0.90	0.91	1.00	0.61	0.69	0.77	0.78	0.86	0.52	0.60	0.67	0.69	0.77	0.39	0.47	0.52	0.53	0.61
		PI	0.67	0.67	0.67	0.67	0.67	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.69	0.69	0.69	0.69	0.69
	35°F 1.7°C	TC	17854	17853	17852	17851	17876	18779	18777	18775	18775	18773	19433	19429	19428	19427	19425	20657	20652	20648	20647	20646
		S/T	0.70	0.78	0.85	0.86	0.93	0.59	0.66	0.72	0.74	0.81	0.51	0.58	0.64	0.65	0.73	0.39	0.46	0.50	0.51	0.58
		PI	0.72	0.72	0.72	0.72	0.72	0.76	0.76	0.76	0.76	0.76	0.79	0.79	0.79	0.79	0.79	0.86	0.86	0.86	0.86	0.86
	41°F 5°C	TC	16123	16121	16120	16120	16158	16952	16950	16948	16948	16946	17537	17534	17533	17532	17529	18634	18630	18627	18626	18625
		S/T	0.71	0.79	0.86	0.87	0.95	0.59	0.67	0.73	0.74	0.82	0.51	0.59	0.65	0.66	0.73	0.39	0.46	0.51	0.52	0.59
		PI	0.73	0.73	0.73	0.73	0.74	0.78	0.78	0.78	0.78	0.78	0.81	0.81	0.81	0.81	0.81	0.89	0.89	0.89	0.89	0.89
	47°F 8.3°C	TC	14387	14385	14385	14385	14435	15122	15120	15118	15118	15117	15642	15638	15637	15637	15634	16613	16609	16606	16605	16604
		S/T	0.71	0.80	0.87	0.88	0.96	0.59	0.67	0.74	0.75	0.83	0.51	0.59	0.65	0.66	0.74	0.39	0.46	0.51	0.52	0.59
		PI	0.75	0.75	0.75	0.75	0.75	0.79	0.79	0.79	0.79	0.79	0.83	0.83	0.83	0.83	0.83	0.91	0.91	0.91	0.91	0.91
	50°F 10°C	TC	14060	14063	14192	14307	14838	14911	14914	14918	14919	14974	15528	15529	15536	15538	15544	16724	16718	16720	16719	16734
		S/T	0.79	0.89	0.99	1.00	1.00	0.64	0.74	0.82	0.84	0.94	0.54	0.64	0.72	0.73	0.83	0.39	0.46	0.54	0.56	0.65
		PI	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
	59°F 15°C	TC	13720	13741	14012	14094	14645	14593	14596	14599	14599	14689	15232	15228	15234	15235	15239	16456	16449	16450	16450	16462
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.84	0.86	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.56	0.66
		PI	0.86	0.86	0.86	0.86	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.88	0.88	0.88	0.88	0.88
	68°F 20°C	TC	13391	13435	13814	13899	14467	14280	14283	14285	14285	14457	14929	14926	14932	14932	14935	16177	16171	16171	16171	16183
		S/T	0.82	0.94	1.00	1.00	1.00	0.66	0.77	0.86	0.88	1.00	0.55	0.66	0.75	0.77	0.87	0.39	0.47	0.56	0.57	0.67
		PI	0.88	0.89	0.89	0.89	0.90	0.89	0.89	0.89	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.91	0.91	0.91	0.91	0.91
	77°F 25°C	TC	13043	13107	13557	13646	14233	13955	13960	13963	13977	14253	14623	14622	14629	14630	14648	15907	15899	15901	15902	15920
		S/T	0.83	0.96	1.00	1.00	1.00	0.66	0.78	0.88	0.89	1.00	0.55	0.67	0.76	0.78	0.88	0.39	0.48	0.56	0.58	0.68
		PI	0.92	0.92	0.92	0.92	0.93	0.92	0.92	0.92	0.92	0.93	0.93	0.93	0.93	0.93	0.93	0.94	0.94	0.94	0.94	0.94
	82°F 27.8°C	TC	13350	13436	13952	14044	14665	14309	14316	14328	14340	14686	15010	15011	15020	15021	15046	16361	16353	16356	16357	16379
		S/T	0.84	0.97	1.00	1.00	1.00	0.67	0.79	0.88	0.90	1.00	0.56	0.67	0.77	0.78	0.89	0.39	0.48	0.57	0.58	0.68
		PI	1.03	1.03	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.05	1.05	1.05	1.05	1.05	1.05	1.06	1.06	1.06	1.06	1.06
	86°F 30°C	TC	14226	14351	14949	15050	15726	15266	15273	15294	15309	15749	16025	16028	16036	16037	16073	17489	17480	17483	17487	17509
		S/T	0.85	0.98	1.00	1.00	1.00	0.67	0.80	0.89	0.91	1.00	0.56	0.68	0.77	0.79	0.90	0.39	0.48	0.57	0.59	0.69
		PI	1.26	1.26	1.26	1.26	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.29	1.29	1.29	1.29	1.29
	95°F 35°C	TC	16435	16434	16436	16454	16875	17535	17531	17530	17530	17533	18329	18327	18323	18323	18323	19862	19855	19850	19849	19849
		S/T	0.74	0.83	0.91	0.92	1.00	0.61	0.69	0.77	0.78	0.87	0.52	0.60	0.67	0.69	0.77	0.39	0.47	0.52	0.53	0.61
		PI	1.69	1.69	1.69	1.69	1.71	1.75	1.75	1.75	1.75	1.74	1.78	1.78	1.78	1.78	1.78	1.86	1.86	1.86	1.86	1.86
	104°F 40°C	TC	14097	14097	14122	14142	14613	15038	15035	15035	15035	15038	15718	15717	15713	15713	15715	17030	17024	17020	17019	17019
		S/T	0.75	0.8																		

Table 5 – 18K Cooling — D5CURA + D5FUAU (Continued)

Airflow CFM	Out- door DB °F	ID WB °F	60.8°F (16.0°C)					64.4°F (16.0°C)					67.0°F (19.4°C)					71.6°F (22.0°C)				
		ID DB °F	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C
530	-13°F 25°C	TC	14747	14744	14741	14741	15043	15411	15407	15403	15402	15397	15882	15877	15871	15870	15863	16765	16760	16754	16753	16742
		S/T	0.75	0.84	0.92	0.93	1.00	0.61	0.70	0.78	0.79	0.88	0.52	0.61	0.69	0.70	0.79	0.38	0.46	0.53	0.54	0.62
		PI	0.68	0.68	0.68	0.68	0.68	0.67	0.67	0.67	0.67	0.68	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
	-4°F 20°C	TC	15882	15878	15875	15875	16201	16597	16592	16588	16587	16581	17104	17098	17092	17091	17083	18054	18050	18042	18042	18030
		S/T	0.75	0.84	0.92	0.94	1.00	0.61	0.71	0.78	0.79	0.88	0.53	0.61	0.69	0.70	0.79	0.39	0.46	0.53	0.54	0.63
		PI	0.70	0.71	0.71	0.71	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
	0°F 17.8°C	TC	16401	16396	16393	16392	16801	17132	17126	17120	17119	17111	17649	17642	17635	17633	17622	18610	18606	18604	18603	18606
		S/T	0.75	0.85	0.93	0.95	1.00	0.62	0.71	0.79	0.80	0.90	0.53	0.62	0.70	0.71	0.80	0.39	0.46	0.53	0.55	0.63
		PI	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
	5°F 15°C	TC	16900	16901	16954	16978	17475	17723	17722	17724	17725	17746	18313	18312	18313	18314	18317	19438	19433	19433	19432	19434
		S/T	0.76	0.86	0.94	0.96	1.00	0.62	0.72	0.80	0.81	0.90	0.53	0.62	0.70	0.72	0.81	0.39	0.46	0.54	0.55	0.64
		PI	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.73	0.73	0.73	0.73	0.73
	14°F 10°C	TC	17999	17995	17992	17991	18502	18919	18913	18908	18907	18901	19576	19570	19563	19561	19552	20825	20819	20811	20810	20797
		S/T	0.75	0.85	0.93	0.95	1.00	0.62	0.71	0.79	0.80	0.89	0.53	0.62	0.69	0.71	0.79	0.39	0.46	0.53	0.54	0.63
		PI	0.65	0.65	0.66	0.66	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
	17°F 10°C	TC	18363	18357	18405	18431	18983	19300	19294	19298	19299	19319	19976	19976	19979	19981	19987	21287	21281	21283	21281	21286
		S/T	0.76	0.86	0.94	0.96	1.00	0.62	0.72	0.80	0.81	0.90	0.53	0.62	0.70	0.71	0.80	0.39	0.46	0.53	0.55	0.63
		PI	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
	23°F 5°C	TC	18382	18383	18458	18491	19098	19346	19346	19349	19349	19381	20039	20038	20040	20041	20046	21367	21360	21361	21360	21363
		S/T	0.77	0.87	0.95	0.97	1.00	0.62	0.72	0.80	0.82	0.91	0.53	0.63	0.71	0.72	0.81	0.39	0.46	0.54	0.55	0.64
		PI	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.69	0.69	0.69	0.69	0.69
	35°F 1.7°C	TC	18595	18593	18594	18594	18833	19519	19516	19514	19514	19515	20168	20166	20163	20163	20162	21380	21375	21371	21370	21369
		S/T	0.73	0.81	0.89	0.90	1.00	0.60	0.68	0.76	0.77	0.85	0.52	0.60	0.67	0.68	0.76	0.39	0.47	0.52	0.53	0.60
		PI	0.73	0.73	0.73	0.73	0.74	0.77	0.77	0.77	0.77	0.77	0.80	0.80	0.80	0.80	0.80	0.87	0.87	0.87	0.87	0.87
	41°F 5°C	TC	16747	16787	16788	16793	17069	17618	17614	17613	17613	17614	18200	18199	18196	18195	18195	19287	19283	19279	19278	19277
		S/T	0.74	0.82	0.90	0.91	1.00	0.60	0.69	0.76	0.78	0.86	0.52	0.60	0.67	0.69	0.77	0.39	0.45	0.52	0.53	0.61
		PI	0.74	0.74	0.74	0.74	0.75	0.78	0.78	0.78	0.78	0.78	0.82	0.82	0.82	0.82	0.82	0.89	0.89	0.89	0.89	0.89
	47°F 8.3°C	TC	14980	14979	14979	14994	15289	15715	15712	15711	15711	15711	16233	16231	16229	16228	16228	17197	17193	17190	17189	17188
		S/T	0.74	0.83	0.91	0.92	1.00	0.61	0.70	0.77	0.78	0.87	0.52	0.61	0.68	0.69	0.78	0.39	0.45	0.52	0.53	0.62
		PI	0.75	0.75	0.75	0.75	0.77	0.80	0.80	0.80	0.80	0.80	0.84	0.84	0.84	0.84	0.84	0.92	0.92	0.92	0.92	0.92
	50°F 10°C	TC	14610	14672	15086	15172	15745	15477	15487	15491	15507	15765	16105	16115	16124	16125	16149	17305	17299	17319	17323	17347
		S/T	0.83	0.95	1.00	1.00	1.00	0.66	0.78	0.87	0.88	1.00	0.55	0.66	0.76	0.77	0.88	0.39	0.48	0.56	0.58	0.68
		PI	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
	59°F 15°C	TC	14257	14359	14867	14956	15550	15150	15157	15180	15194	15570	15795	15803	15810	15811	15850	17035	17027	17044	17048	17066
		S/T	0.85	0.97	1.00	1.00	1.00	0.67	0.79	0.89	0.91	1.00	0.56	0.68	0.77	0.79	0.90	0.39	0.48	0.57	0.59	0.69
		PI	0.87	0.87	0.87	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
	68°F 20°C	TC	13915	14149	14663	14755	15367	14826	14832	14873	14891	15387	15483	15492	15497	15497	15557	16750	16743	16759	16762	16776
		S/T	0.87	1.00	1.00	1.00	1.00	0.69	0.81	0.91	0.93	1.00	0.57	0.69	0.79	0.81	0.93	0.39	0.49	0.58	0.60	0.71
		PI	0.89	0.89	0.90	0.90	0.91	0.90	0.90	0.90	0.90	0.91	0.91	0.91	0.91	0.91	0.91	0.92	0.92	0.92	0.92	0.92
	77°F 25°C	TC	13553	13869	14400	14495	15129	14490	14497	14553	14576	15148	15162	15175	15183	15184	15262	16463	16455	16481	16485	16504
		S/T	0.88	1.00	1.00	1.00	1.00	0.69	0.82	0.93	0.95	1.00	0.57	0.70	0.80	0.82	0.94	0.39	0.49	0.59	0.60	0.72
		PI	0.92	0.93	0.93	0.93	0.94	0.93	0.93	0.93	0.93	0.94	0.94	0.94	0.94	0.94	0.94	0.95	0.95	0.95	0.95	0.95
	82°F 27.8°C	TC	13883	14261	14822	14922	15591	14857	14865	14936	14966	15612	15563	15580	15588	15589	15687	16930	16933	16954	16959	16981
		S/T	0.88	1.00	1.00	1.00	1.00	0.70	0.83	0.94	0.96	1.00	0.58	0.70	0.81	0.83	0.96	0.39	0.49	0.59	0.61	0.72
		PI	1.04	1.05	1.05	1.05	1.06	1.05	1.05	1.05	1.05	1.06	1.06	1.06	1.06	1.06	1.06	1.07	1.07	1.07	1.07	1.07
	86°F 30°C	TC	14805	15272	15884	15992	16722	15853	15860	15955	15997	16744	16617	16635	16643	16644	16773	18098	18099	18126	18131	18152
		S/T	0.90	1.00	1.00	1.00	1.00	0.71	0.84	0.96	0.98	1.00	0.58	0.71	0.82	0.84	0.97	0.39	0.50	0.60	0.61	0.73
		PI	1.27	1.27	1.28	1.28	1.29	1.28	1.28	1.28	1.28	1.29	1.29	1.29	1.29	1.28	1.29	1.30	1.30	1.30	1.30	1.30
	95°F 35°C	TC	17096	17099	17193	17238	17948	18213	18211	18216	18217	18249	19017	19017	19016	19017	19026	20567	20560	20554	20563	20558
		S/T	0.77	0.87	0.96	0.98	1.00	0.63	0.72	0.80	0.82	0.91	0.53	0.62	0.70	0.72	0.81	0.39	0.46	0.53	0.55	0.63
		PI	1.71	1.71	1.71	1.71	1.75	1.76	1.76	1.76	1.76	1.76	1.80	1.80	1.80	1.80	1.80	1.87	1.87	1.87	1.87	1.87
	104°F 40°C	TC	14661	14663	14814	14950	15539	15617	15616	15621	15621	15677	16307	16307	16308	16309	16315	17632	17626	17621	17626	17625
		S/T	0.79	0.89	0.99	1.00	1.00	0.63	0.74	0.82	0.84	0.94	0.54	0.64	0.72							

Table 5 – 18K Cooling — D5CURA + D5FUA (Continued)

Airflow CFM	Out- door DB °F	ID WB °F	60.8°F (16.0°C)					64.4°F (16.0°C)					67.0°F (19.4°C)					71.6°F (22.0°C)				
		ID DB °F	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C
620	-13°F 25°C	TC	15944	15937	16164	16231	16678	16635	16621	16611	16609	16596	17133	17111	17095	17092	17076	18072	18067	18030	18023	17985
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.85	0.86	0.97	0.55	0.65	0.74	0.76	0.86	0.39	0.47	0.56	0.57	0.67
		PI	0.71	0.71	0.71	0.71	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.71	0.71	0.71	0.71	0.71
	-4°F 20°C	TC	17170	17163	17407	17480	17961	17915	17900	17889	17887	17872	18450	18427	18410	18407	18390	19462	19456	19416	19409	19368
		S/T	0.80	0.92	1.00	1.00	1.00	0.65	0.76	0.85	0.87	0.98	0.55	0.65	0.74	0.76	0.86	0.39	0.48	0.56	0.57	0.67
		PI	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
	0°F 17.8°C	TC	17740	17730	18059	18134	18632	18501	18481	18466	18464	18650	19045	19018	18994	18991	18982	20069	20064	20063	20065	20078
		S/T	0.81	0.93	1.00	1.00	1.00	0.66	0.77	0.86	0.88	1.00	0.55	0.66	0.75	0.77	0.87	0.39	0.48	0.57	0.58	0.68
		PI	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.75	0.75	0.75	0.75	0.75
	5°F 15°C	TC	18249	18312	18730	18817	19397	19105	19109	19111	19130	19416	19716	19721	19725	19725	19752	20872	20866	20877	20879	20888
		S/T	0.82	0.94	1.00	1.00	1.00	0.66	0.78	0.87	0.88	1.00	0.56	0.67	0.76	0.78	0.88	0.39	0.48	0.57	0.59	0.69
		PI	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.77	0.77	0.77	0.77	0.77
	14°F 10°C	TC	19453	19444	19840	19933	20552	20419	20401	20387	20385	20576	21119	21092	21071	21067	21046	22456	22449	22406	22398	22350
		S/T	0.81	0.93	1.00	1.00	1.00	0.65	0.76	0.86	0.87	1.00	0.55	0.66	0.75	0.76	0.87	0.39	0.48	0.56	0.57	0.67
		PI	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
	17°F 10°C	TC	19807	19872	20331	20430	21094	20793	20802	20806	20823	21117	21503	21511	21519	21520	21547	22869	22863	22859	22863	22882
		S/T	0.82	0.93	1.00	1.00	1.00	0.66	0.77	0.87	0.88	1.00	0.55	0.66	0.76	0.77	0.87	0.39	0.48	0.57	0.58	0.68
		PI	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.66	0.66	0.66
	23°F 5°C	TC	19848	19934	20449	20550	21227	20853	20860	20862	20889	21250	21572	21580	21585	21586	21621	22938	22931	22947	22950	22964
		S/T	0.83	0.95	1.00	1.00	1.00	0.66	0.78	0.88	0.89	1.00	0.56	0.67	0.76	0.78	0.89	0.39	0.48	0.57	0.59	0.69
		PI	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.72	0.72	0.72	0.72	0.72	0.73	0.73	0.73	0.73	0.73
	35°F 1.7°C	TC	20118	20119	20237	20294	20948	21059	21058	21060	21060	21116	21718	21716	21717	21718	21720	22941	22935	22934	22933	22935
		S/T	0.78	0.88	0.97	0.99	1.00	0.63	0.73	0.82	0.83	0.93	0.54	0.63	0.72	0.73	0.83	0.39	0.46	0.54	0.56	0.65
		PI	0.76	0.76	0.76	0.77	0.80	0.80	0.80	0.80	0.81	0.84	0.84	0.84	0.84	0.84	0.84	0.91	0.91	0.91	0.91	0.91
	41°F 5°C	TC	18161	18161	18306	18433	18978	19006	19005	19006	19006	19073	19599	19597	19599	19599	19600	20698	20693	20692	20691	20693
		S/T	0.78	0.89	0.98	1.00	1.00	0.64	0.74	0.83	0.84	0.94	0.54	0.64	0.72	0.74	0.84	0.39	0.47	0.55	0.56	0.66
		PI	0.77	0.77	0.78	0.79	0.82	0.82	0.82	0.82	0.82	0.82	0.86	0.86	0.86	0.86	0.86	0.93	0.93	0.93	0.93	0.93
	47°F 8.3°C	TC	16202	16213	16430	16504	16992	16954	16953	16953	16953	17032	17480	17478	17480	17479	17479	18459	18454	18452	18452	18454
		S/T	0.79	0.90	1.00	1.00	1.00	0.64	0.75	0.84	0.85	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.67
		PI	0.79	0.79	0.80	0.81	0.84	0.84	0.84	0.84	0.84	0.84	0.88	0.88	0.88	0.88	0.88	0.96	0.96	0.96	0.96	0.96
	50°F 10°C	TC	15793	16228	16775	16872	17527	16685	16694	16809	16862	17543	17335	17358	17367	17368	17535	18530	18579	18627	18633	18656
		S/T	0.90	1.00	1.00	1.00	1.00	0.71	0.85	0.96	0.99	1.00	0.59	0.72	0.83	0.85	0.99	0.40	0.50	0.60	0.62	0.74
		PI	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
	59°F 15°C	TC	15436	15978	16545	16646	17323	16332	16355	16540	16663	17340	17006	17023	17029	17054	17354	18261	18298	18334	18338	18354
		S/T	0.92	1.00	1.00	1.00	1.00	0.73	0.86	1.00	1.00	1.00	0.60	0.73	0.85	0.86	1.00	0.40	0.51	0.61	0.63	0.76
		PI	0.91	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.93	0.92	0.92	0.92	0.92
	68°F 20°C	TC	15075	15718	16301	16405	17101	15959	15995	16319	16422	17118	16649	16661	16691	16706	17132	17939	17972	18001	18003	18013
		S/T	0.95	1.00	1.00	1.00	1.00	0.74	0.89	1.00	1.00	1.00	0.61	0.75	0.87	0.89	1.00	0.40	0.51	0.63	0.65	0.78
		PI	0.93	0.94	0.95	0.95	0.95	0.94	0.94	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96	0.96	0.96	0.96	0.96
	77°F 25°C	TC	14703	15411	16014	16121	16841	15587	15637	16032	16139	16858	16293	16312	16353	16372	16873	17598	17651	17692	17696	17713
		S/T	0.97	1.00	1.00	1.00	1.00	0.75	0.90	1.00	1.00	1.00	0.61	0.76	0.88	0.90	1.00	0.40	0.52	0.63	0.65	0.79
		PI	0.97	0.97	0.98	0.98	0.98	0.97	0.97	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99
	82°F 27.8°C	TC	15074	15843	16482	16594	17354	15973	16035	16496	16612	17372	16716	16737	16789	16810	17387	18074	18142	18189	18194	18214
		S/T	0.99	1.00	1.00	1.00	1.00	0.76	0.91	1.00	1.00	1.00	0.62	0.77	0.89	0.92	1.00	0.40	0.52	0.64	0.66	0.80
		PI	1.09	1.10	1.10	1.10	1.11	1.10	1.10	1.10	1.10	1.11	1.11	1.11	1.11	1.11	1.11	1.12	1.12	1.12	1.12	1.12
	86°F 30°C	TC	16151	16957	17651	17774	18602	17033	17111	17670	17794	18621	17840	17860	17926	17952	18637	19314	19388	19434	19439	19457
		S/T	1.00	1.00	1.00	1.00	1.00	0.77	0.93	1.00	1.00	1.00	0.62	0.78	0.91	0.93	1.00	0.40	0.52	0.64	0.66	0.81
		PI	1.33	1.34	1.34	1.34	1.35	1.34	1.34	1.34	1.34	1.35	1.35	1.34	1.34	1.35	1.35	1.36	1.36	1.36	1.36	1.36
	95°F 35°C	TC	18464	18564	19164	19277	20039	19623	19635	19641	19664	20064	20465	20470	20482	20484	20518	22052	22044	22048	22055	22084
		S/T	0.83	0.95	1.00	1.00	1.00	0.66	0.78	0.88	0.89	1.00	0.56	0.67	0.76	0.78	0.88	0.39	0.48	0.57	0.58	0.68
		PI	1.78	1.79	1.82	1.82	1.86	1.84	1.84	1.84	1.84	1.86	1.88	1.88	1.88	1.88	1.88	1.96	1.96	1.96	1.96	1.96
	104°F 40°C	TC	15833	15978	16579	16679	17344	16831	16840	16870	16888	17366	17549	17556	17565	17566	17616	18915	18908	18916	18923	18943
		S/T	0.85																			

Table 6 – 24K Cooling — D5CURA + D5FUAA (Continued)

Airflow CFM	Out- door DB °F	ID WB °F	60.8°F (16.0°C)					64.4°F (16.0°C)					67.0°F (19.4°C)					71.6°F (22.0°C)				
		ID DB °F	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C
694	-13°F 25°C	TC	18283	18279	18275	18275	18650	19106	19100	19095	19094	19088	19689	19683	19676	19675	19666	20784	20778	20770	20770	20756
		S/T	0.75	0.84	0.92	0.93	1.00	0.61	0.70	0.78	0.79	0.88	0.52	0.61	0.69	0.70	0.79	0.38	0.46	0.53	0.54	0.62
		PI	0.86	0.86	0.86	0.86	0.86	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
	-4°F 20°C	TC	19689	19685	19681	19681	20084	20576	20570	20564	20563	20557	21204	21197	21190	21188	21179	22383	22377	22368	22367	22353
		S/T	0.75	0.84	0.92	0.94	1.00	0.61	0.71	0.78	0.79	0.88	0.53	0.61	0.69	0.70	0.79	0.39	0.46	0.53	0.54	0.63
		PI	0.89	0.89	0.89	0.89	0.89	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
	0°F 17.8°C	TC	20333	20327	20323	20322	20829	21240	21232	21224	21223	21214	21881	21872	21862	21860	21847	23072	23067	23065	23063	23066
		S/T	0.75	0.85	0.93	0.95	1.00	0.62	0.71	0.79	0.80	0.90	0.53	0.62	0.70	0.71	0.80	0.39	0.46	0.53	0.55	0.63
		PI	0.90	0.90	0.90	0.90	0.90	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.90	0.90	0.90	0.90	0.90
	5°F 15°C	TC	20951	20953	21019	21048	21664	21971	21970	21974	21974	22000	22703	22702	22703	22704	22708	24098	24092	24092	24091	24092
		S/T	0.76	0.86	0.94	0.96	1.00	0.62	0.72	0.80	0.81	0.90	0.53	0.62	0.70	0.72	0.81	0.39	0.46	0.54	0.55	0.64
		PI	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.93	0.93	0.93	0.93	0.93
	14°F 10°C	TC	20791	20787	20783	20782	21372	21853	21847	21841	21839	21832	22613	22605	22597	22596	22585	24056	24049	24039	24038	24023
		S/T	0.75	0.85	0.93	0.95	1.00	0.62	0.71	0.79	0.80	0.89	0.53	0.62	0.69	0.71	0.79	0.39	0.46	0.53	0.54	0.63
		PI	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.03	1.03	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
	17°F 10°C	TC	20736	20730	20784	20813	21437	21795	21788	21793	21793	21816	22559	22558	22562	22563	22570	24038	24031	24034	24032	24038
		S/T	0.76	0.86	0.94	0.96	1.00	0.62	0.72	0.80	0.81	0.90	0.53	0.62	0.70	0.71	0.80	0.39	0.46	0.53	0.55	0.63
		PI	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08
	23°F 5°C	TC	20409	20411	20494	20530	21205	21480	21479	21483	21483	21518	22249	22248	22251	22251	22256	23723	23716	23717	23716	23719
		S/T	0.77	0.87	0.95	0.97	1.00	0.62	0.72	0.80	0.82	0.91	0.53	0.63	0.71	0.72	0.81	0.39	0.46	0.54	0.55	0.64
		PI	1.11	1.11	1.11	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.13	1.13	1.13	1.13	1.13	1.14	1.14	1.14	1.14	1.14
	35°F 1.7°C	TC	19946	19944	19945	19945	20201	20937	20934	20932	20932	20933	21633	21632	21628	21628	21627	22934	22928	22924	22923	22922
		S/T	0.73	0.81	0.89	0.90	1.00	0.60	0.68	0.76	0.77	0.85	0.52	0.60	0.67	0.68	0.76	0.39	0.47	0.52	0.53	0.60
		PI	1.11	1.11	1.11	1.11	1.13	1.17	1.17	1.17	1.17	1.17	1.22	1.22	1.22	1.22	1.22	1.33	1.33	1.33	1.33	1.33
	41°F 5°C	TC	19436	19483	19483	19489	19810	20447	20443	20441	20442	20442	21123	21121	21118	21117	21116	22384	22379	22375	22374	22372
		S/T	0.74	0.82	0.90	0.91	1.00	0.60	0.69	0.76	0.78	0.86	0.52	0.60	0.67	0.69	0.77	0.39	0.45	0.52	0.53	0.61
		PI	0.99	0.99	0.99	0.99	1.01	1.05	1.05	1.05	1.05	1.05	1.10	1.10	1.10	1.10	1.10	1.20	1.20	1.20	1.20	1.20
	47°F 8.3°C	TC	19021	19020	19020	19039	19414	19955	19951	19950	19950	19950	20612	20610	20607	20607	20606	21837	21832	21827	21827	21825
		S/T	0.74	0.83	0.91	0.92	1.00	0.61	0.70	0.77	0.78	0.87	0.52	0.61	0.68	0.69	0.78	0.39	0.45	0.52	0.53	0.62
		PI	0.87	0.87	0.87	0.87	0.89	0.93	0.93	0.93	0.93	0.93	0.97	0.97	0.97	0.97	0.97	1.06	1.06	1.06	1.06	1.06
	50°F 10°C	TC	18454	18532	19055	19163	19888	19549	19561	19566	19586	19912	20343	20354	20366	20368	20397	21858	21849	21875	21881	21910
		S/T	0.83	0.95	1.00	1.00	1.00	0.66	0.78	0.87	0.88	1.00	0.55	0.66	0.76	0.77	0.88	0.39	0.48	0.56	0.58	0.68
		PI	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
	59°F 15°C	TC	17713	17840	18471	18581	19319	18822	18831	18859	18877	19344	19623	19633	19643	19644	19692	21164	21155	21176	21180	21202
		S/T	0.85	0.97	1.00	1.00	1.00	0.67	0.79	0.89	0.91	1.00	0.56	0.68	0.77	0.79	0.90	0.39	0.48	0.57	0.59	0.69
		PI	1.01	1.01	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.03	1.03	1.03	1.03	1.03
	68°F 20°C	TC	16989	17274	17902	18014	18761	18101	18108	18158	18180	18786	18903	18913	18919	18920	18994	20449	20441	20460	20464	20481
		S/T	0.87	1.00	1.00	1.00	1.00	0.69	0.81	0.91	0.93	1.00	0.57	0.69	0.79	0.81	0.93	0.39	0.49	0.58	0.60	0.71
		PI	1.04	1.04	1.05	1.05	1.06	1.05	1.05	1.05	1.05	1.06	1.06	1.06	1.06	1.06	1.06	1.07	1.07	1.07	1.07	1.07
	77°F 25°C	TC	16242	16621	17258	17372	18131	17365	17374	17441	17469	18154	18171	18187	18196	18197	18291	19730	19721	19752	19757	19780
		S/T	0.88	1.00	1.00	1.00	1.00	0.69	0.82	0.93	0.95	1.00	0.57	0.70	0.80	0.82	0.94	0.39	0.49	0.59	0.60	0.72
		PI	1.08	1.08	1.09	1.09	1.10	1.09	1.09	1.09	1.09	1.10	1.10	1.10	1.10	1.10	1.10	1.11	1.11	1.11	1.11	1.11
	82°F 27.8°C	TC	16761	17216	17894	18014	18822	17936	17946	18032	18067	18847	18788	18808	18818	18820	18938	20438	20442	20468	20474	20500
		S/T	0.88	1.00	1.00	1.00	1.00	0.70	0.83	0.94	0.96	1.00	0.58	0.70	0.81	0.83	0.96	0.39	0.49	0.59	0.61	0.72
		PI	1.29	1.29	1.30	1.30	1.31	1.30	1.30	1.30	1.30	1.31	1.31	1.31	1.31	1.31	1.31	1.32	1.32	1.32	1.32	1.32
	86°F 30°C	TC	18333	18911	19670	19803	20707	19630	19640	19757	19810	20734	20577	20599	20609	20610	20770	22411	22413	22445	22451	22477
		S/T	0.90	1.00	1.00	1.00	1.00	0.71	0.84	0.96	0.98	1.00	0.58	0.71	0.82	0.84	0.97	0.39	0.50	0.60	0.61	0.73
		PI	1.69	1.70	1.70	1.71	1.71	1.70	1.70	1.70	1.71	1.71	1.71	1.71	1.71	1.71	1.72	1.73	1.73	1.73	1.73	1.73
	95°F 35°C	TC	22149	22153	22275	22333	23253	23597	23594	23600	23601	23643	24638	24638	24637	24638	24649	26646	26637	26629	26641	26634
		S/T	0.77	0.87	0.96	0.98	1.00	0.63	0.72	0.80	0.82	0.91	0.53	0.62	0.70	0.72	0.81	0.39	0.46	0.53	0.55	0.63
		PI	2.50	2.50	2.50	2.51	2.55	2.57	2.57	2.57	2.57	2.58	2.63	2.63	2.63	2.63	2.63	2.74	2.74	2.74	2.74	2.74
	104°F 40°C	TC	20730	20734	20947	21140	21973	22083	22082	22088	22089	22168	23059	23058	23059	23061	23070	24933	24924	24916	24924	24922
		S/T	0.79																			

Table 6 – 24K Cooling — D5CURA + D5FUA (Continued)

Airflow CFM	Out- door DB °F	ID WB °F	60.8°F (16.0°C)					64.4°F (16.0°C)					67.0°F (19.4°C)					71.6°F (22.0°C)				
		ID DB °F	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C
759	-13°F 25°C	TC	19305	19298	19293	19405	19976	20155	20144	20135	20133	20119	20757	20746	20732	20730	20715	21896	21890	21874	21868	21836
		S/T	0.77	0.88	0.97	1.00	1.00	0.63	0.73	0.81	0.83	0.93	0.54	0.63	0.71	0.73	0.83	0.39	0.46	0.54	0.56	0.65
		PI	0.89	0.89	0.89	0.89	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
	-4°F 20°C	TC	20790	20783	20777	20898	21513	21705	21693	21684	21682	21667	22353	22342	22327	22324	22309	23580	23574	23556	23550	23515
		S/T	0.78	0.88	0.97	1.00	1.00	0.63	0.73	0.82	0.83	0.93	0.54	0.64	0.72	0.73	0.83	0.39	0.47	0.55	0.56	0.65
		PI	0.92	0.92	0.92	0.92	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
	0°F 17.8°C	TC	21476	21467	21550	21714	22316	22413	22396	22383	22381	22377	23070	23057	23036	23032	23012	24313	24306	24307	24310	24328
		S/T	0.78	0.89	0.99	1.00	1.00	0.64	0.74	0.83	0.84	0.95	0.54	0.64	0.73	0.74	0.84	0.39	0.47	0.55	0.57	0.66
		PI	0.93	0.93	0.93	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.93	0.93	0.93	0.93	0.93
	5°F 15°C	TC	22108	22128	22426	22529	23218	23159	23164	23166	23167	23281	23917	23915	23922	23922	23925	25346	25339	25339	25341	25355
		S/T	0.79	0.90	1.00	1.00	1.00	0.64	0.75	0.84	0.85	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.66
		PI	0.93	0.93	0.93	0.93	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.96	0.96	0.96	0.96	0.96
	14°F 10°C	TC	21942	21934	22024	22217	22906	23043	23030	23019	23017	23005	23839	23828	23810	23807	23786	25338	25331	25312	25307	25268
		S/T	0.78	0.89	0.99	1.00	1.00	0.64	0.74	0.82	0.84	0.94	0.54	0.64	0.72	0.74	0.83	0.39	0.47	0.55	0.56	0.65
		PI	1.08	1.08	1.08	1.08	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
	17°F 10°C	TC	21914	21919	22188	22316	23034	23014	23016	23021	23022	23130	23748	23757	23772	23774	23780	25327	25320	25322	25327	25351
		S/T	0.79	0.89	1.00	1.00	1.00	0.64	0.74	0.83	0.85	0.95	0.55	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.66
		PI	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.12	1.12	1.12	1.12	1.12
	23°F 5°C	TC	21534	21564	21915	22023	22743	22640	22646	22649	22649	22783	23438	23437	23445	23445	23449	24949	24941	24942	24946	24963
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.84	0.86	0.97	0.54	0.65	0.74	0.75	0.85	0.39	0.47	0.56	0.57	0.66
		PI	1.15	1.15	1.15	1.15	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.18	1.18	1.18	1.18	1.18
	35°F 1.7°C	TC	21072	21073	21113	21137	21680	22083	22080	22081	22081	22082	22793	22791	22789	22789	22791	24113	24107	24102	24105	24101
		S/T	0.75	0.85	0.93	0.94	1.00	0.62	0.71	0.79	0.80	0.89	0.53	0.62	0.69	0.71	0.80	0.39	0.46	0.53	0.54	0.63
		PI	1.15	1.15	1.15	1.15	1.19	1.21	1.21	1.21	1.21	1.21	1.27	1.27	1.27	1.27	1.27	1.38	1.38	1.38	1.38	1.38
	41°F 5°C	TC	20582	20583	20640	20668	21254	21565	21562	21563	21563	21582	22255	22253	22251	22251	22254	23536	23531	23526	23528	23525
		S/T	0.76	0.86	0.94	0.96	1.00	0.62	0.72	0.80	0.81	0.90	0.53	0.62	0.70	0.71	0.81	0.39	0.46	0.53	0.55	0.64
		PI	1.02	1.02	1.03	1.03	1.06	1.09	1.09	1.09	1.09	1.09	1.13	1.13	1.13	1.13	1.13	1.24	1.24	1.24	1.24	1.24
	47°F 8.3°C	TC	20091	20091	20168	20203	20825	21047	21044	21044	21044	21076	21717	21715	21713	21713	21714	22963	22957	22956	22955	22952
		S/T	0.77	0.87	0.95	0.97	1.00	0.63	0.72	0.81	0.82	0.91	0.53	0.63	0.71	0.72	0.82	0.39	0.46	0.54	0.55	0.64
		PI	0.90	0.90	0.90	0.91	0.95	0.96	0.96	0.96	0.96	0.96	1.00	1.00	1.00	1.00	1.00	1.10	1.09	1.09	1.09	1.09
	50°F 10°C	TC	19464	19782	20443	20560	21347	20607	20620	20686	20713	21372	21419	21446	21459	21460	21557	22962	22973	23029	23035	23066
		S/T	0.87	1.00	1.00	1.00	1.00	0.69	0.81	0.92	0.94	1.00	0.57	0.69	0.80	0.81	0.93	0.39	0.49	0.58	0.60	0.71
		PI	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
	59°F 15°C	TC	18701	19151	19825	19945	20747	19842	19851	19949	19988	20771	20666	20688	20697	20698	20834	22244	22250	22294	22299	22321
		S/T	0.88	1.00	1.00	1.00	1.00	0.70	0.83	0.94	0.97	1.00	0.58	0.71	0.81	0.83	0.96	0.39	0.50	0.59	0.61	0.73
		PI	1.05	1.05	1.05	1.05	1.06	1.05	1.05	1.05	1.05	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
	68°F 20°C	TC	17960	18539	19221	19342	20156	19082	19088	19237	19363	20178	19912	19929	19935	19935	20162	21501	21508	21543	21547	21562
		S/T	0.91	1.00	1.00	1.00	1.00	0.72	0.85	0.97	1.00	1.00	0.59	0.72	0.84	0.86	0.99	0.40	0.50	0.61	0.62	0.75
		PI	1.08	1.08	1.09	1.09	1.10	1.09	1.09	1.09	1.09	1.10	1.09	1.09	1.09	1.09	1.10	1.11	1.11	1.11	1.11	1.11
	77°F 25°C	TC	17188	17847	18539	18662	19487	18306	18314	18525	18684	19509	19141	19163	19172	19195	19527	20731	20750	20796	20802	20824
		S/T	0.92	1.00	1.00	1.00	1.00	0.72	0.87	0.99	1.00	1.00	0.59	0.73	0.85	0.86	1.00	0.40	0.51	0.61	0.63	0.76
		PI	1.12	1.12	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.14	1.15	1.15	1.14	1.14	1.14
	82°F 27.8°C	TC	17737	18489	19225	19356	20237	18907	18938	19249	19380	20259	19792	19818	19828	19859	20278	21468	21495	21549	21555	21581
		S/T	0.94	1.00	1.00	1.00	1.00	0.73	0.87	1.00	1.00	1.00	0.60	0.74	0.86	0.87	1.00	0.40	0.51	0.62	0.63	0.76
		PI	1.33	1.34	1.35	1.35	1.35	1.34	1.34	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.37	1.36	1.36	1.36	1.36
	86°F 30°C	TC	19389	20287	21110	21255	22246	20669	20712	21135	21281	22263	21655	21680	21715	21734	22284	23516	23550	23605	23611	23636
		S/T	0.95	1.00	1.00	1.00	1.00	0.74	0.88	1.00	1.00	1.00	0.60	0.75	0.86	0.88	1.00	0.40	0.51	0.62	0.64	0.77
		PI	1.75	1.76	1.77	1.77	1.78	1.76	1.76	1.77	1.77	1.78	1.77	1.77	1.77	1.77	1.78	1.79	1.79	1.79	1.79	1.79
	95°F 35°C	TC	23374	23416	23919	24059	25003	24869	24875	24884	24885	25054	25943	25946	25959	25961	25973	28006	27996	27999	27998	28019
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.84	0.86	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.56	0.66
		PI	2.58	2.58	2.61	2.62	2.67	2.66	2.66	2.66	2.66	2.67	2.72	2.72	2.72	2.72	2.72	2.83	2.83	2.83	2.83	2.83
	104°F 40°C	TC	21874	21952	22585	22718	23619	23274	23282	23288	23289	23596	24280	24284	24297	24299	24306	26209	26200	26205	26200	26225
		S/T	0.82	0.94	1.00	1.00	1.00	0.66	0.77	0.86	0.88	1.00	0.55	0.66	0.75							

Table 10 – 54K Cooling — D5CURA + D5FUAA

Airflow CFM	Out- door DB °F	ID WB °F	60.8°F (16.0°C)					64.4°F (16.0°C)					67.0°F (19.4°C)					71.6°F (22.0°C)				
		ID DB °F	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C
1135	-13°F 25°C	TC	34216	34211	34206	34206	34199	35808	35799	35793	35792	35785	36937	36928	36919	36918	36910	39055	39045	39036	39035	39022
		S/T	0.72	0.80	0.87	0.88	0.97	0.59	0.67	0.74	0.76	0.83	0.51	0.59	0.66	0.67	0.75	0.38	0.46	0.51	0.52	0.60
		PI	2.49	2.49	2.49	2.49	2.49	2.46	2.46	2.46	2.46	2.46	2.45	2.45	2.45	2.45	2.45	2.44	2.44	2.44	2.44	2.44
	-4°F 20°C	TC	36848	36842	36838	36837	36830	38563	38553	38546	38545	38538	39779	39768	39759	39758	39749	42060	42049	42039	42037	42024
		S/T	0.72	0.80	0.88	0.89	0.97	0.60	0.68	0.75	0.76	0.84	0.52	0.59	0.66	0.67	0.75	0.39	0.47	0.51	0.52	0.60
		PI	2.58	2.58	2.58	2.58	2.58	2.55	2.55	2.55	2.55	2.55	2.54	2.54	2.54	2.54	2.54	2.53	2.53	2.53	2.53	2.53
	0°F 17.8°C	TC	38047	38039	38033	38032	38021	39800	39792	39783	39782	39771	41042	41031	41022	41020	41007	43357	43346	43338	43336	43319
		S/T	0.72	0.81	0.88	0.90	0.98	0.60	0.68	0.75	0.76	0.85	0.52	0.60	0.67	0.68	0.76	0.39	0.47	0.52	0.53	0.60
		PI	2.60	2.60	2.60	2.60	2.60	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
	5°F 15°C	TC	39240	39240	39240	39240	39826	41200	41192	41191	41191	41195	42608	42606	42599	42598	42602	45309	45297	45287	45285	45285
		S/T	0.73	0.82	0.90	0.91	1.00	0.60	0.69	0.76	0.77	0.86	0.52	0.60	0.67	0.68	0.77	0.39	0.47	0.52	0.53	0.61
		PI	2.63	2.63	2.63	2.63	2.63	2.62	2.62	2.62	2.62	2.62	2.62	2.63	2.62	2.63	2.63	2.66	2.66	2.66	2.66	2.66
	14°F 10°C	TC	40127	40122	40116	40116	40311	42234	42223	42216	42215	42207	43738	43728	43717	43716	43706	46597	46583	46572	46570	46555
		S/T	0.73	0.81	0.89	0.90	0.99	0.60	0.68	0.75	0.76	0.85	0.52	0.60	0.66	0.68	0.76	0.39	0.47	0.51	0.53	0.60
		PI	2.52	2.52	2.52	2.52	2.51	2.50	2.50	2.50	2.50	2.50	2.49	2.49	2.49	2.49	2.49	2.48	2.48	2.48	2.48	2.48
	17°F 10°C	TC	40452	40444	40438	40437	41020	42574	42564	42555	42553	42554	44097	44096	44089	44088	44095	47075	47062	47051	47048	47051
		S/T	0.73	0.82	0.89	0.91	1.00	0.60	0.69	0.76	0.77	0.85	0.52	0.60	0.67	0.68	0.76	0.39	0.47	0.52	0.53	0.61
		PI	2.46	2.46	2.46	2.46	2.45	2.45	2.45	2.45	2.45	2.45	2.44	2.44	2.44	2.44	2.44	2.45	2.45	2.45	2.45	2.45
	23°F 5°C	TC	39332	39333	39333	39359	40077	41448	41440	41440	41441	41445	42972	42969	42962	42962	42966	45901	45887	45876	45874	45875
		S/T	0.74	0.83	0.90	0.91	1.00	0.61	0.69	0.77	0.78	0.86	0.52	0.60	0.67	0.69	0.77	0.39	0.47	0.52	0.53	0.61
		PI	2.65	2.65	2.65	2.65	2.65	2.66	2.66	2.66	2.66	2.66	2.67	2.67	2.67	2.67	2.67	2.70	2.70	2.70	2.70	2.70
	35°F 1.7°C	TC	37410	37407	37405	37404	37456	39348	39344	39340	39339	39336	40718	40710	40708	40707	40701	43283	43273	43265	43263	43261
		S/T	0.70	0.78	0.85	0.86	0.93	0.59	0.66	0.72	0.74	0.81	0.51	0.58	0.64	0.65	0.73	0.39	0.46	0.50	0.51	0.58
		PI	2.83	2.83	2.83	2.83	2.84	2.99	2.99	2.99	2.99	2.99	3.11	3.11	3.11	3.11	3.11	3.38	3.38	3.38	3.38	3.38
	41°F 5°C	TC	37413	37408	37407	37406	37493	39335	39331	39326	39326	39323	40694	40686	40683	40683	40676	43240	43231	43222	43221	43218
		S/T	0.71	0.79	0.86	0.87	0.95	0.59	0.67	0.73	0.74	0.82	0.51	0.59	0.65	0.66	0.73	0.39	0.46	0.51	0.52	0.59
		PI	3.21	3.21	3.21	3.21	3.22	3.41	3.41	3.41	3.41	3.41	3.56	3.56	3.56	3.56	3.56	3.88	3.88	3.88	3.88	3.88
	47°F 8.3°C	TC	37409	37404	37402	37401	37531	39318	39314	39308	39308	39305	40670	40661	40658	40657	40651	43195	43185	43177	43176	43172
		S/T	0.71	0.80	0.87	0.88	0.96	0.59	0.67	0.74	0.75	0.83	0.51	0.59	0.65	0.66	0.74	0.39	0.46	0.51	0.52	0.59
		PI	3.60	3.60	3.59	3.59	3.61	3.83	3.83	3.83	3.83	3.83	4.01	4.01	4.01	4.01	4.01	4.38	4.37	4.37	4.37	4.37
	50°F 10°C	TC	36734	36739	37078	37379	38766	38956	38964	38975	38977	39120	40568	40572	40590	40593	40609	43692	43676	43682	43679	43718
		S/T	0.79	0.89	0.99	1.00	1.00	0.64	0.74	0.82	0.84	0.94	0.54	0.64	0.72	0.73	0.83	0.39	0.46	0.54	0.56	0.65
		PI	3.93	3.93	3.93	3.93	3.94	3.94	3.94	3.94	3.94	3.94	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93
	59°F 15°C	TC	36372	36428	37144	37362	38823	38685	38693	38701	38702	38939	40378	40368	40384	40386	40398	43624	43606	43609	43607	43640
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.84	0.86	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.56	0.66
		PI	3.69	3.69	3.69	3.70	3.71	3.71	3.71	3.71	3.71	3.71	3.72	3.72	3.72	3.72	3.72	3.74	3.74	3.74	3.74	3.74
	68°F 20°C	TC	36033	36151	37172	37400	38929	38426	38433	38438	38439	38901	40172	40164	40179	40181	40188	43531	43513	43514	43512	43546
		S/T	0.82	0.94	1.00	1.00	1.00	0.66	0.77	0.86	0.88	1.00	0.55	0.66	0.75	0.77	0.87	0.39	0.47	0.56	0.57	0.67
		PI	3.45	3.45	3.46	3.47	3.49	3.48	3.48	3.48	3.48	3.49	3.51	3.51	3.50	3.50	3.50	3.55	3.55	3.55	3.55	3.55
	77°F 25°C	TC	35638	35815	37044	37286	38890	38132	38145	38153	38190	38947	39955	39952	39974	39976	40024	43464	43444	43449	43450	43500
		S/T	0.83	0.96	1.00	1.00	1.00	0.66	0.78	0.88	0.89	1.00	0.55	0.67	0.76	0.78	0.88	0.39	0.48	0.56	0.58	0.68
		PI	3.24	3.25	3.26	3.26	3.28	3.27	3.27	3.27	3.27	3.28	3.29	3.29	3.29	3.29	3.29	3.32	3.32	3.32	3.32	3.32
	82°F 27.8°C	TC	35546	35775	37147	37394	39046	38097	38116	38148	38181	39102	39965	39967	39990	39993	40062	43561	43540	43548	43552	43610
		S/T	0.84	0.97	1.00	1.00	1.00	0.67	0.79	0.88	0.90	1.00	0.56	0.67	0.77	0.78	0.89	0.39	0.48	0.57	0.58	0.68
		PI	3.40	3.40	3.42	3.42	3.44	3.43	3.43	3.43	3.43	3.44	3.45	3.45	3.45	3.45	3.45	3.48	3.48	3.48	3.48	3.48
	86°F 30°C	TC	35636	35947	37445	37698	39393	38241	38258	38310	38348	39450	40142	40148	40169	40171	40262	43808	43786	43794	43803	43858
		S/T	0.85	0.98	1.00	1.00	1.00	0.67	0.80	0.89	0.91	1.00	0.56	0.68	0.77	0.79	0.90	0.39	0.48	0.57	0.59	0.69
		PI	3.86	3.87	3.89	3.89	3.91	3.90	3.90	3.90	3.90	3.91	3.92	3.92	3.92	3.92	3.92	3.97	3.97	3.97	3.97	3.96
	95°F 35°C	TC	36389	36388	36391	36432	37365	38826	38816	38814	38814	38822	40583	40579	40570	40570	40571	43978	43963	43951	43949	43949
		S/T	0.74	0.83	0.91	0.92	1.00	0.61	0.69	0.77	0.78	0.87	0.52	0.60	0.67	0.69	0.77	0.39	0.47	0.52	0.53	0.61
		PI	4.74	4.74	4.74	4.74	4.80	4.88	4.88	4.88	4.88	4.88	4.99	4.99	4.99	4.99	4.99	5.20	5.20	5.20	5.20	5.20
	104°F 40°C	TC	30901	30902	30958	31000	32034	32966	32958	32958	32958	32964	34456	34453	34445	34446	34450	37332	37319	37309	37307	37307
		S/T	0.75	0																		

HEATING PERFORMANCE - D5CURA + D5FUAA

Extrapolated Data: The highlighted data is tested; other data is simulated and for reference.

Table 11 – 18K Heating — D5CURA + D5FUAA

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
490	-13°F (-25.0°C)	6758	6623	6590	6263	6206	1.44	1.45	1.46	1.46	1.47
	-4°F (-20.0°C)	8417	8249	8208	7800	7730	1.50	1.52	1.52	1.52	1.53
	0°F (-17.8°C)	9316	9130	9084	8633	8555	1.52	1.53	1.53	1.54	1.54
	5°F (-15.0°C)	10439	10231	10179	9674	9587	1.54	1.55	1.55	1.56	1.56
	14°F (-10.0°C)	11301	11075	11020	10472	10378	1.56	1.58	1.58	1.58	1.59
	17°F (-8.3°C)	11588	11356	11300	10739	10642	1.57	1.58	1.59	1.59	1.60
	22°F (-5.6°C)	12365	12117	12057	11458	11355	1.59	1.60	1.60	1.61	1.61
	27°F (-2.8°C)	13141	12878	12814	12178	12068	1.60	1.61	1.62	1.62	1.63
	32°F (0.0°C)	13918	13639	13571	12897	12781	1.62	1.63	1.63	1.64	1.64
	35°F (1.7°C)	14384	14096	14025	13329	13209	1.63	1.64	1.64	1.65	1.65
	37°F (2.8°C)	14917	14618	14545	13823	13699	1.62	1.63	1.63	1.64	1.64
	42°F (5.6°C)	16250	15925	15845	15058	14923	1.59	1.60	1.61	1.61	1.62
	44.6°F (7.0°C)	16783	16447	16365	15552	15412	1.58	1.59	1.59	1.60	1.60
	47°F (8.3°C)	17583	17231	17145	16294	16147	1.56	1.58	1.58	1.58	1.59
	52°F (11.1°C)	16585	16253	16172	15369	15231	1.48	1.49	1.49	1.49	1.50
	57F (13.9°C)	15588	15276	15199	14445	14315	1.39	1.40	1.40	1.41	1.41
	59°F (15.0°C)	15189	14885	14810	14075	13948	1.36	1.37	1.37	1.37	1.38
	62°F (16.7°C)	14590	14298	14227	13520	13399	1.30	1.31	1.32	1.32	1.32
	64.4°F (18.0°C)	14111	13829	13760	13077	12959	1.26	1.27	1.27	1.28	1.28
	69.8°F (21.0°C)	13034	12773	12709	12078	11970	1.17	1.18	1.18	1.18	1.19
	75.2°F (24.0°C)	11957	11717	11659	11080	10980	1.08	1.08	1.09	1.09	1.09
530	-13°F (-25.0°C)	7014	6874	6839	6654	6594	1.46	1.47	1.47	1.47	1.48
	-4°F (-20.0°C)	8736	8561	8518	8287	8213	1.52	1.53	1.53	1.54	1.54
	0°F (-17.8°C)	9668	9475	9428	9172	9090	1.53	1.55	1.55	1.55	1.56
	5°F (-15.0°C)	10834	10618	10565	10278	10186	1.55	1.57	1.57	1.57	1.58
	14°F (-10.0°C)	11729	11494	11437	11127	11027	1.58	1.59	1.59	1.60	1.60
	17°F (-8.3°C)	12027	11786	11727	11409	11307	1.59	1.60	1.60	1.61	1.61
	22°F (-5.6°C)	12832	12576	12513	12174	12064	1.60	1.62	1.62	1.62	1.63
	27°F (-2.8°C)	13638	13366	13299	12938	12822	1.62	1.63	1.63	1.64	1.64
	32°F (0.0°C)	14444	14155	14085	13703	13580	1.63	1.65	1.65	1.65	1.66
	35°F (1.7°C)	14928	14629	14556	14162	14034	1.64	1.66	1.66	1.66	1.67
	37°F (2.8°C)	15481	15171	15096	14687	14554	1.63	1.65	1.65	1.65	1.66
	42°F (5.6°C)	16864	16527	16445	15999	15855	1.61	1.62	1.62	1.62	1.63
	44.6°F (7.0°C)	17418	17069	16984	16524	16375	1.59	1.61	1.61	1.61	1.62
	47°F (8.3°C)	18248	17883	17793	17311	17156	1.58	1.59	1.59	1.60	1.60
	52°F (11.1°C)	17213	16868	16784	16329	16182	1.49	1.50	1.51	1.51	1.52
	57F (13.9°C)	16177	15854	15774	15347	15209	1.40	1.42	1.42	1.42	1.43
	59°F (15.0°C)	15763	15448	15371	14954	14820	1.37	1.38	1.38	1.39	1.39
	62°F (16.7°C)	15142	14839	14765	14365	14236	1.32	1.33	1.33	1.33	1.34
	64.4°F (18.0°C)	14645	14352	14280	13893	13768	1.27	1.29	1.29	1.29	1.30
	69.8°F (21.0°C)	13527	13256	13190	12833	12717	1.18	1.19	1.19	1.20	1.20
	75.2°F (24.0°C)	12409	12161	12100	11772	11666	1.09	1.10	1.10	1.10	1.10

Table 11 – 18K Heating — D5CURA + D5FUAA (Continued)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
580	-13°F (-25.0°C)	7279	7134	7098	7070	7006	1.47	1.48	1.49	1.49	1.49
	-4°F (-20.0°C)	9066	8885	8840	8805	8726	1.53	1.55	1.55	1.55	1.56
	0°F (-17.8°C)	10034	9834	9784	9745	9657	1.55	1.56	1.57	1.57	1.58
	5°F (-15.0°C)	11244	11019	10964	10920	10822	1.57	1.58	1.58	1.59	1.59
	14°F (-10.0°C)	12172	11929	11869	11822	11715	1.59	1.61	1.61	1.61	1.62
	17°F (-8.3°C)	12482	12232	12171	12122	12013	1.60	1.62	1.62	1.62	1.63
	22°F (-5.6°C)	13318	13052	12986	12934	12818	1.62	1.63	1.64	1.64	1.65
	27°F (-2.8°C)	14154	13871	13802	13747	13623	1.63	1.65	1.65	1.65	1.66
	32°F (0.0°C)	14991	14691	14617	14559	14428	1.65	1.66	1.67	1.67	1.68
	35°F (1.7°C)	15492	15183	15107	15046	14911	1.66	1.67	1.68	1.68	1.69
	37°F (2.8°C)	16067	15745	15667	15604	15464	1.65	1.66	1.67	1.67	1.68
	42°F (5.6°C)	17502	17152	17067	16998	16845	1.62	1.63	1.64	1.64	1.65
	44.6°F (7.0°C)	18077	17715	17627	17556	17398	1.61	1.62	1.63	1.63	1.64
	47°F (8.3°C)	18938	18559	18467	18393	18227	1.59	1.61	1.61	1.61	1.62
	52°F (11.1°C)	17864	17506	17419	17349	17193	1.51	1.52	1.52	1.52	1.53
	57F (13.9°C)	16789	16453	16371	16306	16159	1.42	1.43	1.43	1.44	1.44
	59°F (15.0°C)	16359	16032	15952	15888	15745	1.38	1.39	1.40	1.40	1.41
	62°F (16.7°C)	15715	15401	15324	15262	15125	1.33	1.34	1.34	1.35	1.35
	64.4°F (18.0°C)	15199	14895	14821	14761	14628	1.29	1.30	1.30	1.30	1.31
	69.8°F (21.0°C)	14039	13758	13689	13634	13512	1.19	1.20	1.20	1.21	1.21
	75.2°F (24.0°C)	12878	12621	12558	12507	12395	1.10	1.11	1.11	1.11	1.12
620	-13°F (-25.0°C)	7555	7404	7367	7337	7271	1.49	1.50	1.50	1.50	1.51
	-4°F (-20.0°C)	9409	9221	9175	9138	9056	1.55	1.56	1.57	1.57	1.58
	0°F (-17.8°C)	10414	10206	10154	10114	10023	1.57	1.58	1.58	1.58	1.59
	5°F (-15.0°C)	11670	11436	11379	11334	11232	1.58	1.60	1.60	1.60	1.61
	14°F (-10.0°C)	12633	12380	12318	12269	12158	1.61	1.62	1.63	1.63	1.64
	17°F (-8.3°C)	12954	12695	12631	12581	12467	1.62	1.63	1.64	1.64	1.65
	22°F (-5.6°C)	13822	13545	13478	13424	13303	1.64	1.65	1.65	1.66	1.66
	27°F (-2.8°C)	14690	14396	14324	14267	14138	1.65	1.66	1.67	1.67	1.68
	32°F (0.0°C)	15558	15247	15170	15110	14974	1.67	1.68	1.68	1.69	1.69
	35°F (1.7°C)	16078	15757	15678	15615	15475	1.68	1.69	1.69	1.70	1.70
	37°F (2.8°C)	16675	16341	16259	16194	16049	1.67	1.68	1.68	1.69	1.69
	42°F (5.6°C)	18165	17801	17712	17641	17483	1.64	1.65	1.65	1.66	1.66
	44.6°F (7.0°C)	18761	18385	18293	18220	18056	1.63	1.64	1.64	1.65	1.65
	47°F (8.3°C)	19655	19262	19165	19089	18917	1.61	1.62	1.63	1.63	1.64
	52°F (11.1°C)	18540	18169	18078	18006	17844	1.52	1.53	1.54	1.54	1.55
	57F (13.9°C)	17424	17076	16991	16923	16770	1.43	1.44	1.45	1.45	1.46
	59°F (15.0°C)	16978	16639	16556	16489	16341	1.40	1.41	1.41	1.41	1.42
	62°F (16.7°C)	16309	15983	15903	15840	15697	1.34	1.35	1.36	1.36	1.37
	64.4°F (18.0°C)	15774	15459	15381	15320	15182	1.30	1.31	1.31	1.32	1.32
	69.8°F (21.0°C)	14570	14278	14207	14150	14023	1.20	1.21	1.22	1.22	1.22
	75.2°F (24.0°C)	13365	13098	13033	12981	12864	1.11	1.12	1.12	1.12	1.13

Table 12 – 24K Heating — D5CURA + D5FUAA

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
629	-13°F (-25.0°C)	12426	12178	12117	11894	11787	2.52	2.54	2.55	2.55	2.56
	-4°F (-20.0°C)	14871	14574	14501	14234	14106	2.54	2.57	2.57	2.58	2.59
	0°F (-17.8°C)	17003	16663	16579	16274	16127	2.81	2.83	2.84	2.85	2.86
	5°F (-15.0°C)	19667	19274	19177	18824	18655	3.14	3.17	3.18	3.18	3.19
	14°F (-10.0°C)	21030	20610	20507	20129	19947	3.15	3.17	3.18	3.19	3.20
	17°F (-8.3°C)	21485	21055	20950	20564	20378	3.15	3.17	3.18	3.19	3.20
	22°F (-5.6°C)	21426	20997	20892	20507	20323	2.96	2.99	2.99	3.00	3.01
	27°F (-2.8°C)	21367	20940	20835	20451	20267	2.77	2.80	2.80	2.81	2.82
	32°F (0.0°C)	21309	20883	20778	20395	20212	2.59	2.61	2.61	2.62	2.63
	35°F (1.7°C)	21274	20848	20744	20361	20178	2.47	2.49	2.50	2.50	2.51
	37°F (2.8°C)	22101	21659	21551	21154	20963	2.49	2.51	2.52	2.52	2.53
	42°F (5.6°C)	24170	23687	23568	23134	22926	2.54	2.56	2.57	2.57	2.58
	44.6°F (7.0°C)	24998	24498	24375	23926	23711	2.56	2.58	2.59	2.59	2.60
	47°F (8.3°C)	26239	25715	25586	25114	24888	2.59	2.61	2.62	2.62	2.64
	52°F (11.1°C)	24405	23917	23797	23359	23149	2.49	2.51	2.52	2.52	2.53
	57°F (13.9°C)	22571	22119	22009	21603	21409	2.39	2.41	2.42	2.42	2.43
	59°F (15.0°C)	21837	21400	21293	20901	20713	2.35	2.37	2.38	2.38	2.39
	62°F (16.7°C)	20737	20322	20220	19848	19669	2.29	2.31	2.32	2.32	2.33
	64.4°F (18.0°C)	19856	19459	19362	19005	18834	2.24	2.26	2.27	2.27	2.28
	69.8°F (21.0°C)	17875	17518	17430	17109	16955	2.14	2.15	2.16	2.16	2.17
	75.2°F (24.0°C)	15894	15576	15498	15213	15076	2.03	2.04	2.05	2.05	2.06
694	-13°F (-25.0°C)	13093	12831	12767	12624	12510	2.55	2.57	2.57	2.58	2.59
	-4°F (-20.0°C)	15669	15356	15279	15107	14971	2.57	2.59	2.60	2.60	2.61
	0°F (-17.8°C)	17915	17557	17469	17273	17117	2.84	2.86	2.87	2.87	2.89
	5°F (-15.0°C)	20722	20308	20206	19979	19800	3.18	3.20	3.21	3.21	3.23
	14°F (-10.0°C)	22159	21716	21607	21364	21172	3.18	3.21	3.21	3.22	3.23
	17°F (-8.3°C)	22637	22185	22074	21826	21629	3.18	3.21	3.21	3.22	3.23
	22°F (-5.6°C)	22576	22124	22014	21766	21570	2.99	3.02	3.02	3.03	3.04
	27°F (-2.8°C)	22514	22064	21953	21707	21511	2.80	2.82	2.83	2.84	2.85
	32°F (0.0°C)	22452	22003	21893	21647	21452	2.61	2.63	2.64	2.64	2.65
	35°F (1.7°C)	22415	21967	21857	21611	21417	2.50	2.52	2.52	2.53	2.54
	37°F (2.8°C)	23287	22821	22707	22452	22250	2.52	2.54	2.54	2.55	2.56
	42°F (5.6°C)	25467	24958	24833	24554	24333	2.57	2.59	2.60	2.60	2.61
	44.6°F (7.0°C)	26339	25813	25684	25395	25166	2.59	2.61	2.62	2.62	2.63
	47°F (8.3°C)	27647	27095	26959	26656	26416	2.62	2.64	2.65	2.65	2.66
	52°F (11.1°C)	25715	25200	25074	24793	24569	2.52	2.54	2.54	2.55	2.56
	57°F (13.9°C)	23782	23306	23190	22929	22723	2.42	2.44	2.44	2.45	2.46
	59°F (15.0°C)	23009	22549	22436	22184	21984	2.38	2.40	2.40	2.40	2.41
	62°F (16.7°C)	21849	21412	21305	21066	20876	2.32	2.33	2.34	2.34	2.35
	64.4°F (18.0°C)	20922	20503	20401	20171	19990	2.27	2.28	2.29	2.29	2.30
	69.8°F (21.0°C)	18834	18458	18365	18159	17995	2.16	2.17	2.18	2.18	2.19
	75.2°F (24.0°C)	16747	16412	16330	16146	16001	2.05	2.06	2.07	2.07	2.08

Table 12 – 24K Heating — D5CURA + D5FUA (Continued)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
759	-13°F (-25.0°C)	13796	13520	13452	13399	13278	2.57	2.59	2.60	2.60	2.61
	-4°F (-20.0°C)	16510	16180	16099	16035	15890	2.60	2.62	2.62	2.63	2.64
	0°F (-17.8°C)	18876	18499	18406	18333	18168	2.87	2.89	2.90	2.90	2.91
	5°F (-15.0°C)	21834	21398	21291	21206	21015	3.21	3.23	3.24	3.25	3.26
	14°F (-10.0°C)	23348	22881	22766	22675	22471	3.21	3.24	3.24	3.25	3.26
	17°F (-8.3°C)	23852	23375	23258	23165	22957	3.21	3.24	3.25	3.25	3.26
	22°F (-5.6°C)	23787	23311	23195	23102	22894	3.02	3.05	3.05	3.06	3.07
	27°F (-2.8°C)	23722	23248	23131	23039	22832	2.83	2.85	2.86	2.86	2.88
	32°F (0.0°C)	23657	23184	23068	22976	22769	2.64	2.66	2.67	2.67	2.68
	35°F (1.7°C)	23618	23146	23030	22938	22731	2.52	2.54	2.55	2.55	2.56
	37°F (2.8°C)	24537	24046	23926	23830	23616	2.54	2.56	2.57	2.57	2.59
	42°F (5.6°C)	26834	26297	26166	26061	25827	2.60	2.62	2.62	2.63	2.64
	44.6°F (7.0°C)	27753	27198	27062	26953	26711	2.62	2.64	2.64	2.65	2.66
	47°F (8.3°C)	29131	28548	28406	28292	28037	2.65	2.67	2.67	2.68	2.69
	52°F (11.1°C)	27095	26553	26420	26314	26077	2.54	2.56	2.57	2.57	2.58
	57F (13.9°C)	25058	24557	24434	24337	24117	2.44	2.46	2.47	2.47	2.48
	59°F (15.0°C)	24244	23759	23640	23545	23333	2.40	2.42	2.42	2.43	2.44
	62°F (16.7°C)	23022	22561	22449	22359	22158	2.34	2.36	2.36	2.37	2.38
	64.4°F (18.0°C)	22044	21603	21495	21409	21217	2.29	2.31	2.31	2.32	2.33
	69.8°F (21.0°C)	19845	19448	19351	19273	19100	2.18	2.20	2.20	2.21	2.21
	75.2°F (24.0°C)	17646	17293	17206	17137	16983	2.07	2.08	2.09	2.09	2.10
824	-13°F (-25.0°C)	14536	14245	14174	14118	13990	2.60	2.62	2.62	2.63	2.64
	-4°F (-20.0°C)	17396	17048	16963	16895	16743	2.62	2.64	2.65	2.65	2.67
	0°F (-17.8°C)	19889	19492	19394	19317	19143	2.90	2.92	2.93	2.93	2.94
	5°F (-15.0°C)	23006	22546	22433	22344	22142	3.24	3.27	3.27	3.28	3.29
	14°F (-10.0°C)	24601	24109	23988	23892	23677	3.24	3.27	3.28	3.28	3.30
	17°F (-8.3°C)	25132	24630	24506	24408	24189	3.25	3.27	3.28	3.28	3.30
	22°F (-5.6°C)	25064	24562	24440	24342	24123	3.05	3.08	3.08	3.09	3.10
	27°F (-2.8°C)	24995	24495	24373	24275	24057	2.86	2.88	2.89	2.89	2.90
	32°F (0.0°C)	24926	24428	24306	24209	23991	2.67	2.69	2.69	2.70	2.71
	35°F (1.7°C)	24885	24388	24266	24169	23951	2.55	2.57	2.57	2.58	2.59
	37°F (2.8°C)	25853	25336	25210	25109	24883	2.57	2.59	2.60	2.60	2.61
	42°F (5.6°C)	28274	27708	27570	27460	27212	2.62	2.64	2.65	2.65	2.66
	44.6°F (7.0°C)	29242	28657	28514	28400	28144	2.64	2.66	2.67	2.67	2.68
	47°F (8.3°C)	30694	30080	29930	29810	29542	2.67	2.69	2.70	2.71	2.72
	52°F (11.1°C)	28549	27978	27838	27726	27477	2.57	2.59	2.60	2.60	2.61
	57F (13.9°C)	26403	25875	25745	25642	25412	2.47	2.49	2.49	2.50	2.51
	59°F (15.0°C)	25545	25034	24909	24809	24586	2.42	2.44	2.45	2.45	2.46
	62°F (16.7°C)	24257	23772	23653	23559	23347	2.36	2.38	2.39	2.39	2.40
	64.4°F (18.0°C)	23227	22763	22649	22558	22355	2.31	2.33	2.34	2.34	2.35
	69.8°F (21.0°C)	20910	20492	20389	20308	20125	2.20	2.22	2.22	2.23	2.24
	75.2°F (24.0°C)	18592	18221	18130	18057	17894	2.09	2.11	2.11	2.11	2.12

Table 13 – 30K Heating — D5CURA + D5FUAA

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
712	-13°F (-25.0°C)	10130	9927	9877	9763	9675	2.39	2.41	2.41	2.42	2.43
	-4°F (-20.0°C)	12882	12625	12561	12416	12304	2.33	2.35	2.35	2.36	2.37
	0°F (-17.8°C)	14297	14011	13941	13780	13656	2.34	2.36	2.36	2.37	2.38
	5°F (-15.0°C)	16065	15744	15665	15484	15345	2.35	2.37	2.38	2.38	2.39
	14°F (-10.0°C)	17144	16801	16717	16524	16375	2.30	2.32	2.33	2.33	2.34
	17°F (-8.3°C)	17504	17154	17068	16870	16719	2.29	2.30	2.31	2.31	2.32
	22°F (-5.6°C)	17793	17437	17349	17149	16994	2.24	2.25	2.26	2.26	2.27
	27°F (-2.8°C)	18081	17720	17631	17427	17270	2.19	2.20	2.21	2.21	2.22
	32°F (0.0°C)	18370	18003	17913	17705	17546	2.14	2.15	2.16	2.16	2.17
	35°F (1.7°C)	18543	18172	18081	17872	17711	2.11	2.12	2.13	2.13	2.14
	37°F (2.8°C)	19901	19503	19405	19181	19008	2.12	2.13	2.14	2.14	2.15
	42°F (5.6°C)	23296	22830	22716	22453	22251	2.14	2.16	2.16	2.17	2.18
	44.6°F (7.0°C)	24654	24161	24040	23762	23548	2.15	2.17	2.17	2.18	2.18
	47°F (8.3°C)	26690	26157	26026	25725	25493	2.16	2.18	2.19	2.19	2.20
	52°F (11.1°C)	24390	23902	23782	23507	23295	1.99	2.01	2.01	2.02	2.02
	57°F (13.9°C)	22089	21647	21539	21289	21098	1.82	1.83	1.84	1.84	1.85
	59°F (15.0°C)	21168	20745	20641	20402	20219	1.75	1.76	1.77	1.77	1.78
	62°F (16.7°C)	19788	19392	19295	19072	18900	1.65	1.66	1.66	1.67	1.67
	64.4°F (18.0°C)	18683	18310	18218	18007	17845	1.56	1.58	1.58	1.58	1.59
	69.8°F (21.0°C)	16198	15874	15795	15612	15472	1.38	1.39	1.39	1.39	1.40
	75.2°F (24.0°C)	13713	13439	13372	13217	13098	1.19	1.20	1.20	1.20	1.21
806	-13°F (-25.0°C)	10870	10652	10599	10517	10422	2.51	2.53	2.54	2.54	2.55
	-4°F (-20.0°C)	13824	13547	13479	13374	13254	2.45	2.47	2.47	2.48	2.49
	0°F (-17.8°C)	15342	15035	14960	14843	14709	2.46	2.48	2.49	2.49	2.50
	5°F (-15.0°C)	17239	16894	16810	16679	16529	2.48	2.50	2.50	2.51	2.52
	14°F (-10.0°C)	18397	18029	17939	17799	17639	2.42	2.44	2.45	2.45	2.46
	17°F (-8.3°C)	18783	18407	18315	18172	18009	2.41	2.43	2.43	2.44	2.45
	22°F (-5.6°C)	19093	18711	18617	18472	18306	2.35	2.37	2.38	2.38	2.39
	27°F (-2.8°C)	19402	19014	18919	18772	18603	2.30	2.32	2.32	2.33	2.34
	32°F (0.0°C)	19712	19318	19221	19072	18900	2.25	2.27	2.27	2.28	2.29
	35°F (1.7°C)	19898	19500	19403	19251	19078	2.22	2.24	2.24	2.24	2.25
	37°F (2.8°C)	21355	20928	20823	20661	20475	2.23	2.25	2.25	2.25	2.26
	42°F (5.6°C)	24998	24498	24376	24186	23968	2.25	2.27	2.28	2.28	2.29
	44.6°F (7.0°C)	26455	25926	25796	25595	25365	2.26	2.28	2.29	2.29	2.30
	47°F (8.3°C)	28641	28068	27928	27710	27461	2.28	2.30	2.30	2.31	2.32
	52°F (11.1°C)	26172	25648	25520	25321	25093	2.10	2.11	2.12	2.12	2.13
	57°F (13.9°C)	23703	23229	23112	22932	22726	1.91	1.93	1.93	1.94	1.95
	59°F (15.0°C)	22715	22261	22149	21977	21779	1.84	1.86	1.86	1.86	1.87
	62°F (16.7°C)	21234	20809	20705	20544	20359	1.73	1.75	1.75	1.75	1.76
	64.4°F (18.0°C)	20049	19648	19549	19397	19222	1.65	1.66	1.66	1.67	1.67
	69.8°F (21.0°C)	17382	17034	16949	16817	16666	1.45	1.46	1.46	1.47	1.47
	75.2°F (24.0°C)	14715	14421	14349	14237	14109	1.25	1.26	1.27	1.27	1.27

Table 13 – 30K Heating — D5CURA + D5FUAA (Continued)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
894	-13°F (-25.0°C)	11664	11431	11374	11328	11226	2.64	2.67	2.67	2.68	2.69
	-4°F (-20.0°C)	14834	14537	14464	14406	14277	2.58	2.60	2.60	2.61	2.62
	0°F (-17.8°C)	16463	16133	16053	15988	15845	2.59	2.61	2.62	2.62	2.63
	5°F (-15.0°C)	18499	18129	18038	17966	17804	2.61	2.63	2.64	2.64	2.65
	14°F (-10.0°C)	19741	19346	19250	19173	19000	2.55	2.57	2.58	2.58	2.59
	17°F (-8.3°C)	20155	19752	19653	19575	19399	2.53	2.55	2.56	2.56	2.57
	22°F (-5.6°C)	20488	20078	19978	19898	19719	2.48	2.50	2.50	2.51	2.52
	27°F (-2.8°C)	20820	20404	20302	20221	20039	2.42	2.44	2.45	2.45	2.46
	32°F (0.0°C)	21153	20730	20626	20543	20359	2.37	2.39	2.39	2.40	2.41
	35°F (1.7°C)	21352	20925	20820	20737	20550	2.33	2.35	2.36	2.36	2.37
	37°F (2.8°C)	22916	22457	22345	22256	22055	2.34	2.36	2.37	2.37	2.38
	42°F (5.6°C)	26825	26288	26157	26052	25818	2.37	2.39	2.40	2.40	2.41
	44.6°F (7.0°C)	28388	27820	27681	27571	27322	2.38	2.40	2.41	2.41	2.42
	47°F (8.3°C)	30734	30119	29968	29848	29580	2.40	2.42	2.42	2.43	2.44
	52°F (11.1°C)	28084	27522	27385	27275	27030	2.21	2.22	2.23	2.23	2.24
	57F (13.9°C)	25435	24926	24801	24702	24480	2.02	2.03	2.04	2.04	2.05
	59°F (15.0°C)	24375	23887	23768	23673	23460	1.94	1.95	1.96	1.96	1.97
	62°F (16.7°C)	22785	22330	22218	22129	21930	1.82	1.84	1.84	1.85	1.85
	64.4°F (18.0°C)	21513	21083	20978	20894	20706	1.73	1.75	1.75	1.75	1.76
	69.8°F (21.0°C)	18652	18279	18188	18115	17952	1.53	1.54	1.54	1.54	1.55
	75.2°F (24.0°C)	15791	15475	15397	15336	15198	1.32	1.33	1.33	1.33	1.34
988	-13°F (-25.0°C)	12516	12266	12205	12156	12047	2.78	2.81	2.81	2.82	2.83
	-4°F (-20.0°C)	15918	15599	15521	15459	15320	2.71	2.74	2.74	2.75	2.76
	0°F (-17.8°C)	17666	17312	17226	17157	17002	2.73	2.75	2.76	2.76	2.77
	5°F (-15.0°C)	19851	19454	19356	19279	19105	2.75	2.77	2.77	2.78	2.79
	14°F (-10.0°C)	21184	20760	20656	20574	20388	2.69	2.71	2.71	2.72	2.73
	17°F (-8.3°C)	21628	21196	21090	21005	20816	2.67	2.69	2.69	2.70	2.71
	22°F (-5.6°C)	21985	21545	21437	21352	21159	2.61	2.63	2.63	2.64	2.65
	27°F (-2.8°C)	22342	21895	21785	21698	21503	2.55	2.57	2.58	2.58	2.59
	32°F (0.0°C)	22698	22244	22133	22045	21846	2.49	2.51	2.52	2.52	2.53
	35°F (1.7°C)	22912	22454	22342	22252	22052	2.46	2.48	2.48	2.49	2.50
	37°F (2.8°C)	24590	24098	23978	23882	23667	2.47	2.49	2.49	2.50	2.51
	42°F (5.6°C)	28785	28209	28068	27956	27704	2.50	2.52	2.52	2.53	2.54
	44.6°F (7.0°C)	30463	29853	29704	29585	29319	2.51	2.53	2.53	2.54	2.55
	47°F (8.3°C)	32979	32320	32158	32029	31741	2.52	2.54	2.55	2.56	2.57
	52°F (11.1°C)	30136	29534	29386	29268	29005	2.32	2.34	2.35	2.35	2.36
	57F (13.9°C)	27293	26747	26614	26507	26269	2.12	2.14	2.14	2.15	2.16
	59°F (15.0°C)	26156	25633	25505	25403	25174	2.04	2.06	2.06	2.07	2.07
	62°F (16.7°C)	24450	23961	23841	23746	23532	1.92	1.94	1.94	1.94	1.95
	64.4°F (18.0°C)	23085	22624	22511	22421	22219	1.82	1.84	1.84	1.85	1.85
	69.8°F (21.0°C)	20015	19615	19517	19439	19264	1.61	1.62	1.62	1.63	1.63
	75.2°F (24.0°C)	16945	16606	16523	16457	16308	1.39	1.40	1.40	1.40	1.41

Table 14 – 36K Heating — D5CURA + D5FUAA

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
865	-13°F (-25.0°C)	15315	15009	14934	14445	14315	3.19	3.22	3.22	3.23	3.24
	-4°F (-20.0°C)	19313	18926	18832	18215	18051	3.49	3.52	3.52	3.53	3.55
	0°F (-17.8°C)	20727	20312	20210	19549	19373	3.59	3.62	3.63	3.64	3.65
	5°F (-15.0°C)	22494	22044	21934	21216	21025	3.72	3.75	3.76	3.77	3.78
	14°F (-10.0°C)	22244	21799	21690	20980	20791	3.45	3.48	3.49	3.50	3.51
	17°F (-8.3°C)	22161	21718	21609	20902	20714	3.36	3.39	3.40	3.41	3.42
	22°F (-5.6°C)	22701	22247	22135	21411	21218	3.30	3.33	3.34	3.34	3.36
	27°F (-2.8°C)	23240	22775	22661	21920	21722	3.24	3.27	3.27	3.28	3.29
	32°F (0.0°C)	23780	23304	23187	22428	22227	3.18	3.20	3.21	3.22	3.23
	35°F (1.7°C)	24103	23621	23503	22734	22529	3.14	3.16	3.17	3.18	3.19
	37°F (2.8°C)	25924	25405	25278	24450	24230	3.18	3.21	3.22	3.22	3.24
	42°F (5.6°C)	30474	29865	29715	28742	28484	3.30	3.32	3.33	3.33	3.35
	44.6°F (7.0°C)	32294	31648	31490	30459	30185	3.34	3.37	3.37	3.38	3.39
	47°F (8.3°C)	35025	34324	34152	33034	32737	3.41	3.43	3.44	3.45	3.46
	52°F (11.1°C)	34026	33346	33179	32093	31804	3.17	3.20	3.20	3.21	3.22
	57°F (13.9°C)	33028	32368	32206	31152	30871	2.94	2.96	2.97	2.97	2.99
	59°F (15.0°C)	32629	31976	31817	30775	30498	2.85	2.87	2.87	2.88	2.89
	62°F (16.7°C)	32030	31390	31233	30210	29938	2.71	2.73	2.73	2.74	2.75
	64.4°F (18.0°C)	31551	30920	30765	29758	29490	2.59	2.61	2.62	2.63	2.64
	69.8°F (21.0°C)	30473	29864	29714	28742	28483	2.34	2.36	2.37	2.37	2.38
	75.2°F (24.0°C)	29395	28807	28663	27725	27475	2.09	2.11	2.11	2.11	2.12
970	-13°F (-25.0°C)	16315	15989	15909	15615	15474	3.22	3.25	3.25	3.26	3.27
	-4°F (-20.0°C)	20573	20162	20061	19690	19513	3.52	3.55	3.56	3.57	3.58
	0°F (-17.8°C)	22079	21638	21530	21132	20942	3.63	3.66	3.67	3.67	3.69
	5°F (-15.0°C)	23962	23483	23365	22934	22727	3.76	3.79	3.80	3.81	3.82
	14°F (-10.0°C)	23696	23222	23106	22679	22475	3.49	3.52	3.52	3.53	3.55
	17°F (-8.3°C)	23607	23135	23020	22594	22391	3.40	3.43	3.43	3.44	3.45
	22°F (-5.6°C)	24182	23698	23580	23144	22936	3.34	3.36	3.37	3.38	3.39
	27°F (-2.8°C)	24757	24262	24140	23694	23481	3.27	3.30	3.31	3.31	3.33
	32°F (0.0°C)	25332	24825	24701	24244	24026	3.21	3.23	3.24	3.25	3.26
	35°F (1.7°C)	25676	25163	25037	24575	24353	3.17	3.20	3.20	3.21	3.22
	37°F (2.8°C)	27615	27063	26928	26430	26192	3.22	3.24	3.25	3.25	3.27
	42°F (5.6°C)	32463	31814	31655	31070	30790	3.33	3.36	3.36	3.37	3.38
	44.6°F (7.0°C)	34402	33714	33545	32926	32629	3.37	3.40	3.41	3.41	3.43
	47°F (8.3°C)	37310	36564	36381	35709	35388	3.44	3.47	3.48	3.48	3.50
	52°F (11.1°C)	36247	35522	35345	34692	34379	3.20	3.23	3.24	3.24	3.26
	57°F (13.9°C)	35184	34480	34308	33674	33371	2.97	2.99	3.00	3.00	3.02
	59°F (15.0°C)	34759	34063	33893	33267	32968	2.87	2.90	2.90	2.91	2.92
	62°F (16.7°C)	34121	33438	33271	32656	32362	2.73	2.76	2.76	2.77	2.78
	64.4°F (18.0°C)	33610	32938	32773	32168	31878	2.62	2.64	2.65	2.65	2.66
	69.8°F (21.0°C)	32462	31813	31654	31069	30789	2.37	2.38	2.39	2.39	2.40
	75.2°F (24.0°C)	31314	30687	30534	29970	29700	2.11	2.13	2.13	2.14	2.14

Table 14 – 36K Heating — D5CURA + D5FUAA (Continued)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
1080	-13°F (-25.0°C)	17380	17032	16947	16879	16727	3.25	3.28	3.29	3.29	3.31
	-4°F (-20.0°C)	21916	21478	21370	21285	21093	3.56	3.59	3.60	3.60	3.62
	0°F (-17.8°C)	23520	23050	22935	22843	22637	3.67	3.70	3.70	3.71	3.73
	5°F (-15.0°C)	25526	25015	24890	24791	24568	3.80	3.83	3.84	3.85	3.86
	14°F (-10.0°C)	25242	24738	24614	24515	24295	3.52	3.55	3.56	3.57	3.58
	17°F (-8.3°C)	25148	24645	24522	24424	24204	3.43	3.46	3.47	3.47	3.49
	22°F (-5.6°C)	25760	25245	25119	25018	24793	3.37	3.40	3.40	3.41	3.42
	27°F (-2.8°C)	26373	25845	25716	25613	25382	3.31	3.33	3.34	3.35	3.36
	32°F (0.0°C)	26985	26445	26313	26208	25972	3.24	3.27	3.27	3.28	3.29
	35°F (1.7°C)	27352	26805	26671	26564	26325	3.20	3.23	3.24	3.24	3.25
	37°F (2.8°C)	29418	28829	28685	28570	28313	3.25	3.27	3.28	3.29	3.30
	42°F (5.6°C)	34582	33890	33721	33586	33283	3.36	3.39	3.40	3.40	3.42
	44.6°F (7.0°C)	36647	35914	35735	35592	35271	3.41	3.43	3.44	3.45	3.46
	47°F (8.3°C)	39745	38951	38756	38601	38253	3.48	3.50	3.51	3.52	3.53
	52°F (11.1°C)	38613	37841	37651	37501	37163	3.24	3.26	3.27	3.28	3.29
	57°F (13.9°C)	37480	36731	36547	36401	36073	3.00	3.02	3.03	3.04	3.05
	59°F (15.0°C)	37027	36287	36105	35961	35637	2.90	2.93	2.93	2.94	2.95
	62°F (16.7°C)	36347	35621	35442	35301	34983	2.76	2.78	2.79	2.79	2.81
	64.4°F (18.0°C)	35804	35088	34912	34773	34460	2.65	2.67	2.67	2.68	2.69
	69.8°F (21.0°C)	34581	33889	33719	33585	33282	2.39	2.41	2.41	2.42	2.43
	75.2°F (24.0°C)	33357	32690	32527	32397	32105	2.13	2.15	2.15	2.16	2.17
1185	-13°F (-25.0°C)	18514	18144	18053	17981	17819	3.29	3.31	3.32	3.33	3.34
	-4°F (-20.0°C)	23346	22879	22765	22674	22470	3.60	3.62	3.63	3.64	3.65
	0°F (-17.8°C)	25055	24554	24431	24334	24115	3.70	3.73	3.74	3.75	3.76
	5°F (-15.0°C)	27192	26648	26515	26409	26171	3.84	3.87	3.88	3.88	3.90
	14°F (-10.0°C)	26890	26352	26220	26115	25880	3.56	3.59	3.60	3.60	3.62
	17°F (-8.3°C)	26789	26254	26122	26018	25784	3.47	3.50	3.50	3.51	3.52
	22°F (-5.6°C)	27442	26893	26758	26651	26411	3.40	3.43	3.44	3.44	3.46
	27°F (-2.8°C)	28094	27532	27394	27285	27039	3.34	3.37	3.37	3.38	3.39
	32°F (0.0°C)	28746	28171	28030	27918	27667	3.27	3.30	3.31	3.31	3.33
	35°F (1.7°C)	29137	28554	28412	28298	28043	3.24	3.26	3.27	3.27	3.29
	37°F (2.8°C)	31338	30711	30557	30435	30161	3.28	3.31	3.31	3.32	3.33
	42°F (5.6°C)	36839	36102	35921	35778	35456	3.40	3.42	3.43	3.44	3.45
	44.6°F (7.0°C)	39039	38258	38067	37915	37573	3.44	3.47	3.48	3.48	3.50
	47°F (8.3°C)	42339	41493	41285	41120	40750	3.51	3.54	3.55	3.55	3.57
	52°F (11.1°C)	41133	40310	40109	39948	39589	3.27	3.30	3.30	3.31	3.32
	57°F (13.9°C)	39926	39128	38932	38776	38427	3.03	3.05	3.06	3.07	3.08
	59°F (15.0°C)	39444	38655	38461	38308	37963	2.93	2.96	2.96	2.97	2.98
	62°F (16.7°C)	38720	37945	37756	37605	37266	2.79	2.81	2.82	2.82	2.83
	64.4°F (18.0°C)	38140	37378	37191	37042	36709	2.67	2.69	2.70	2.71	2.72
	69.8°F (21.0°C)	36837	36101	35920	35776	35454	2.41	2.43	2.44	2.44	2.45
	75.2°F (24.0°C)	35534	34824	34649	34511	34200	2.15	2.17	2.17	2.18	2.19

Table 15 – 48K Heating — D5CURA + D5FUAA

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
1094	-13°F (-25.0°C)	28305	27739	27600	24743	24521	5.62	5.66	5.67	5.69	5.71
	-4°F (-20.0°C)	31244	30619	30466	27313	27067	5.67	5.71	5.72	5.74	5.76
	0°F (-17.8°C)	34045	33364	33197	29762	29494	5.79	5.84	5.85	5.86	5.89
	5°F (-15.0°C)	37547	36796	36612	32822	32527	5.95	6.00	6.01	6.02	6.05
	14°F (-10.0°C)	35910	35192	35016	31392	31109	5.58	5.62	5.64	5.65	5.67
	17°F (-8.3°C)	35365	34657	34484	30915	30637	5.46	5.50	5.51	5.52	5.54
	22°F (-5.6°C)	33018	32358	32196	28864	28604	5.06	5.10	5.11	5.12	5.14
	27°F (-2.8°C)	30672	30059	29909	26813	26572	4.66	4.69	4.70	4.71	4.73
	32°F (0.0°C)	28326	27760	27621	24762	24539	4.26	4.29	4.30	4.31	4.33
	35°F (1.7°C)	26918	26380	26248	23531	23320	4.02	4.05	4.06	4.06	4.08
	37°F (2.8°C)	29611	29018	28873	25885	25652	4.09	4.12	4.13	4.14	4.16
	42°F (5.6°C)	36341	35614	35436	31769	31483	4.28	4.31	4.32	4.33	4.35
	44.6°F (7.0°C)	39033	38253	38061	34122	33815	4.35	4.39	4.40	4.41	4.42
	47°F (8.3°C)	43072	42210	41999	37652	37313	4.47	4.50	4.51	4.52	4.54
	52°F (11.1°C)	42076	41235	41028	36782	36451	4.03	4.06	4.07	4.08	4.09
	57°F (13.9°C)	41081	40259	40058	35912	35588	3.59	3.62	3.63	3.63	3.65
	59°F (15.0°C)	40682	39869	39669	35564	35243	3.41	3.44	3.45	3.46	3.47
	62°F (16.7°C)	40085	39283	39087	35041	34726	3.15	3.18	3.18	3.19	3.20
	64.4°F (18.0°C)	39607	38815	38621	34624	34312	2.94	2.97	2.97	2.98	2.99
	69.8°F (21.0°C)	38532	37761	37572	33684	33381	2.47	2.49	2.49	2.50	2.51
	75.2°F (24.0°C)	37457	36708	36524	32744	32449	2.00	2.01	2.02	2.02	2.03
1282	-13°F (-25.0°C)	29899	29301	29154	27549	27301	5.67	5.72	5.73	5.74	5.77
	-4°F (-20.0°C)	33003	32343	32182	30410	30136	5.72	5.77	5.78	5.79	5.82
	0°F (-17.8°C)	35962	35243	35067	33136	32838	5.85	5.90	5.91	5.92	5.95
	5°F (-15.0°C)	39661	38868	38673	36544	36215	6.01	6.06	6.07	6.08	6.11
	14°F (-10.0°C)	37932	37174	36988	34951	34637	5.64	5.68	5.69	5.70	5.73
	17°F (-8.3°C)	37356	36609	36426	34420	34111	5.51	5.56	5.57	5.58	5.60
	22°F (-5.6°C)	34878	34180	34009	32137	31848	5.11	5.15	5.16	5.17	5.19
	27°F (-2.8°C)	32399	31751	31593	29853	29585	4.70	4.74	4.75	4.76	4.78
	32°F (0.0°C)	29921	29323	29176	27570	27322	4.30	4.33	4.34	4.35	4.37
	35°F (1.7°C)	28434	27865	27726	26200	25964	4.06	4.09	4.10	4.11	4.12
	37°F (2.8°C)	31278	30652	30499	28820	28561	4.13	4.17	4.17	4.18	4.20
	42°F (5.6°C)	38388	37620	37432	35371	35052	4.32	4.36	4.37	4.37	4.39
	44.6°F (7.0°C)	41231	40407	40205	37991	37649	4.40	4.43	4.44	4.45	4.47
	47°F (8.3°C)	45497	44587	44364	41922	41544	4.51	4.55	4.56	4.57	4.58
	52°F (11.1°C)	44445	43557	43339	40953	40584	4.07	4.10	4.11	4.12	4.13
	57°F (13.9°C)	43394	42526	42313	39984	39624	3.63	3.66	3.66	3.67	3.68
	59°F (15.0°C)	42973	42114	41903	39596	39240	3.45	3.48	3.48	3.49	3.50
	62°F (16.7°C)	42342	41495	41288	39015	38663	3.18	3.21	3.22	3.22	3.23
	64.4°F (18.0°C)	41837	41001	40796	38550	38203	2.97	3.00	3.00	3.01	3.02
	69.8°F (21.0°C)	40702	39888	39688	37503	37165	2.49	2.51	2.52	2.52	2.53
	75.2°F (24.0°C)	39566	38775	38581	36456	36128	2.02	2.03	2.04	2.04	2.05

Table 15 – 48K Heating — D5CURA + D5FUAA (Continued)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
1471	-13°F (-25.0°C)	31582	30951	30796	30673	30397	5.73	5.78	5.79	5.80	5.82
	-4°F (-20.0°C)	34862	34165	33994	33858	33553	5.78	5.83	5.84	5.85	5.88
	0°F (-17.8°C)	37987	37228	37041	36893	36561	5.91	5.96	5.97	5.98	6.01
	5°F (-15.0°C)	41894	41056	40851	40688	40322	6.07	6.12	6.13	6.14	6.17
	14°F (-10.0°C)	40068	39267	39071	38914	38564	5.69	5.74	5.75	5.76	5.79
	17°F (-8.3°C)	39460	38670	38477	38323	37978	5.57	5.61	5.62	5.63	5.66
	22°F (-5.6°C)	36842	36105	35924	35781	35459	5.16	5.20	5.21	5.22	5.24
	27°F (-2.8°C)	34224	33539	33372	33238	32939	4.75	4.79	4.80	4.81	4.83
	32°F (0.0°C)	31606	30974	30819	30696	30419	4.34	4.38	4.39	4.40	4.41
	35°F (1.7°C)	30035	29435	29287	29170	28908	4.10	4.13	4.14	4.15	4.16
	37°F (2.8°C)	33039	32378	32217	32088	31799	4.17	4.21	4.22	4.22	4.24
	42°F (5.6°C)	40549	39738	39540	39381	39027	4.37	4.40	4.41	4.42	4.44
	44.6°F (7.0°C)	43553	42682	42469	42299	41918	4.44	4.48	4.49	4.50	4.51
	47°F (8.3°C)	48059	47098	46862	46675	46255	4.56	4.59	4.60	4.61	4.63
	52°F (11.1°C)	46948	46009	45779	45596	45186	4.11	4.14	4.15	4.16	4.18
	57°F (13.9°C)	45837	44921	44696	44517	44117	3.66	3.69	3.70	3.71	3.72
	59°F (15.0°C)	45393	44485	44263	44086	43689	3.48	3.51	3.52	3.53	3.54
	62°F (16.7°C)	44727	43832	43613	43438	43047	3.22	3.24	3.25	3.25	3.27
	64.4°F (18.0°C)	44193	43309	43093	42921	42534	3.00	3.03	3.03	3.04	3.05
	69.8°F (21.0°C)	42994	42134	41923	41755	41380	2.52	2.54	2.54	2.55	2.56
	75.2°F (24.0°C)	41794	40958	40753	40590	40225	2.04	2.05	2.06	2.06	2.07
1600	-13°F (-25.0°C)	33361	32693	32530	32400	32108	5.79	5.84	5.85	5.86	5.88
	-4°F (-20.0°C)	36825	36088	35908	35764	35442	5.84	5.89	5.90	5.91	5.94
	0°F (-17.8°C)	40126	39324	39127	38971	38620	5.97	6.02	6.03	6.04	6.07
	5°F (-15.0°C)	44253	43368	43152	42979	42592	6.13	6.18	6.19	6.21	6.23
	14°F (-10.0°C)	42325	41478	41271	41106	40736	5.75	5.80	5.81	5.82	5.84
	17°F (-8.3°C)	41682	40848	40644	40481	40117	5.62	5.67	5.68	5.69	5.71
	22°F (-5.6°C)	38916	38138	37947	37796	37455	5.21	5.25	5.26	5.27	5.30
	27°F (-2.8°C)	36151	35428	35251	35110	34794	4.80	4.84	4.85	4.86	4.88
	32°F (0.0°C)	33386	32718	32554	32424	32132	4.39	4.42	4.43	4.44	4.46
	35°F (1.7°C)	31727	31092	30937	30813	30536	4.14	4.17	4.18	4.19	4.21
	37°F (2.8°C)	34900	34202	34031	33895	33590	4.22	4.25	4.26	4.27	4.28
	42°F (5.6°C)	42833	41976	41766	41599	41225	4.41	4.45	4.45	4.46	4.48
	44.6°F (7.0°C)	46006	45086	44860	44681	44279	4.49	4.52	4.53	4.54	4.56
	47°F (8.3°C)	50765	49750	49501	49303	48860	4.60	4.64	4.65	4.66	4.68
	52°F (11.1°C)	49592	48600	48357	48164	47730	4.15	4.18	4.19	4.20	4.22
	57°F (13.9°C)	48419	47450	47213	47024	46601	3.70	3.73	3.74	3.74	3.76
	59°F (15.0°C)	47949	46990	46755	46568	46149	3.52	3.55	3.55	3.56	3.58
	62°F (16.7°C)	47245	46300	46069	45884	45471	3.25	3.27	3.28	3.29	3.30
	64.4°F (18.0°C)	46682	45748	45519	45337	44929	3.03	3.06	3.06	3.07	3.08
	69.8°F (21.0°C)	45415	44506	44284	44107	43710	2.54	2.56	2.57	2.57	2.58
	75.2°F (24.0°C)	44147	43264	43048	42876	42490	2.06	2.07	2.08	2.08	2.09

Table 16 – 54K Heating — D5CURA + D5FUAA

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
1135	-13°F (-25.0°C)	23207	22743	22629	21648	21453	4.49	4.53	4.54	4.55	4.56
	-4°F (-20.0°C)	26836	26300	26168	25034	24808	4.80	4.84	4.85	4.86	4.88
	0°F (-17.8°C)	28801	28225	28084	26867	26625	4.93	4.97	4.98	4.99	5.01
	5°F (-15.0°C)	31258	30633	30480	29158	28896	5.09	5.14	5.15	5.16	5.18
	14°F (-10.0°C)	33073	32412	32250	30852	30574	5.10	5.15	5.16	5.17	5.19
	17°F (-8.3°C)	33678	33005	32840	31416	31133	5.11	5.15	5.16	5.17	5.19
	22°F (-5.6°C)	33083	32422	32260	30861	30583	4.93	4.97	4.98	4.99	5.01
	27°F (-2.8°C)	32488	31838	31679	30306	30033	4.75	4.79	4.80	4.81	4.83
	32°F (0.0°C)	31893	31255	31099	29750	29483	4.58	4.61	4.62	4.63	4.65
	35°F (1.7°C)	31536	30905	30751	29417	29153	4.47	4.51	4.52	4.52	4.54
	37°F (2.8°C)	33364	32697	32533	31123	30843	4.38	4.42	4.43	4.44	4.46
	42°F (5.6°C)	37935	37177	36991	35387	35069	4.17	4.20	4.21	4.22	4.24
	44.6°F (7.0°C)	39764	38969	38774	37093	36759	4.09	4.12	4.13	4.14	4.15
	47°F (8.3°C)	42506	41656	41448	39651	39294	3.96	3.99	4.00	4.01	4.02
	52°F (11.1°C)	42637	41785	41576	39773	39415	3.69	3.72	3.73	3.74	3.75
	57F (13.9°C)	42768	41913	41703	39895	39536	3.42	3.45	3.46	3.46	3.48
	59°F (15.0°C)	42820	41964	41754	39944	39584	3.32	3.34	3.35	3.36	3.37
	62°F (16.7°C)	42899	42041	41831	40017	39657	3.16	3.18	3.19	3.19	3.21
	64.4°F (18.0°C)	42962	42102	41892	40076	39715	3.03	3.05	3.06	3.06	3.08
	69.8°F (21.0°C)	43103	42241	42030	40208	39846	2.74	2.76	2.77	2.77	2.78
75.2°F (24.0°C)	43244	42379	42168	40339	39976	2.45	2.47	2.48	2.48	2.49	
1359	-13°F (-25.0°C)	25714	25199	25073	24475	24255	4.78	4.82	4.83	4.84	4.86
	-4°F (-20.0°C)	29735	29141	28995	28303	28048	5.11	5.15	5.16	5.17	5.19
	0°F (-17.8°C)	31913	31274	31118	30375	30102	5.25	5.29	5.30	5.31	5.33
	5°F (-15.0°C)	34635	33942	33772	32966	32669	5.42	5.46	5.47	5.48	5.51
	14°F (-10.0°C)	36646	35913	35734	34880	34566	5.43	5.47	5.48	5.50	5.52
	17°F (-8.3°C)	37317	36570	36387	35519	35199	5.43	5.48	5.49	5.50	5.52
	22°F (-5.6°C)	36657	35924	35744	34891	34577	5.24	5.29	5.30	5.31	5.33
	27°F (-2.8°C)	35998	35278	35101	34263	33955	5.06	5.10	5.11	5.12	5.14
	32°F (0.0°C)	35338	34631	34458	33635	33333	4.87	4.91	4.92	4.93	4.95
	35°F (1.7°C)	34942	34244	34072	33259	32959	4.76	4.79	4.80	4.81	4.83
	37°F (2.8°C)	36968	36229	36048	35187	34870	4.66	4.70	4.71	4.72	4.74
	42°F (5.6°C)	42033	41193	40987	40008	39648	4.44	4.47	4.48	4.49	4.51
	44.6°F (7.0°C)	44059	43178	42962	41936	41559	4.35	4.38	4.39	4.40	4.42
	47°F (8.3°C)	47098	46156	45925	44829	44425	4.21	4.24	4.25	4.26	4.28
	52°F (11.1°C)	47243	46298	46067	44967	44562	3.93	3.96	3.97	3.97	3.99
	57F (13.9°C)	47388	46440	46208	45105	44699	3.64	3.67	3.68	3.69	3.70
	59°F (15.0°C)	47446	46497	46265	45160	44754	3.53	3.56	3.56	3.57	3.59
	62°F (16.7°C)	47533	46582	46349	45243	44836	3.36	3.38	3.39	3.40	3.41
	64.4°F (18.0°C)	47603	46651	46417	45309	44901	3.22	3.25	3.25	3.26	3.27
	69.8°F (21.0°C)	47759	46804	46570	45458	45049	2.91	2.94	2.94	2.95	2.96
75.2°F (24.0°C)	47916	46957	46723	45607	45197	2.61	2.63	2.63	2.64	2.65	

Table 16 – 54K Heating — D5CURA + D5FUA (Continued)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
1582	-13°F (-25.0°C)	28491	27922	27782	27671	27422	5.08	5.12	5.14	5.15	5.17
	-4°F (-20.0°C)	32947	32288	32127	31998	31710	5.43	5.48	5.49	5.50	5.52
	0°F (-17.8°C)	35360	34653	34480	34342	34033	5.58	5.63	5.64	5.65	5.67
	5°F (-15.0°C)	38376	37608	37420	37271	36935	5.77	5.81	5.82	5.83	5.86
	14°F (-10.0°C)	40605	39793	39594	39435	39080	5.78	5.82	5.83	5.85	5.87
	17°F (-8.3°C)	41348	40521	40318	40157	39795	5.78	5.83	5.84	5.85	5.87
	22°F (-5.6°C)	40617	39805	39606	39447	39092	5.58	5.62	5.64	5.65	5.67
	27°F (-2.8°C)	39886	39088	38893	38737	38389	5.38	5.42	5.43	5.44	5.47
	32°F (0.0°C)	39155	38372	38180	38028	37685	5.18	5.22	5.23	5.24	5.26
	35°F (1.7°C)	38717	37943	37753	37602	37263	5.06	5.10	5.11	5.12	5.14
	37°F (2.8°C)	40962	40143	39942	39782	39424	4.96	5.00	5.01	5.02	5.04
	42°F (5.6°C)	46574	45642	45414	45232	44825	4.72	4.76	4.77	4.78	4.80
	44.6°F (7.0°C)	48819	47842	47603	47413	46986	4.62	4.66	4.67	4.68	4.70
	47°F (8.3°C)	52186	51142	50886	50683	50227	4.48	4.52	4.52	4.53	4.55
	52°F (11.1°C)	52346	51300	51043	50839	50381	4.18	4.21	4.22	4.23	4.24
	57°F (13.9°C)	52507	51457	51200	50995	50536	3.87	3.91	3.91	3.92	3.94
	59°F (15.0°C)	52571	51520	51262	51057	50598	3.75	3.78	3.79	3.80	3.81
	62°F (16.7°C)	52668	51614	51356	51151	50690	3.57	3.60	3.61	3.61	3.63
	64.4°F (18.0°C)	52745	51690	51431	51226	50765	3.43	3.45	3.46	3.47	3.48
	69.8°F (21.0°C)	52918	51860	51601	51394	50932	3.10	3.12	3.13	3.14	3.15
	75.2°F (24.0°C)	53092	52030	51770	51563	51099	2.77	2.80	2.80	2.81	2.82
1806	-13°F (-25.0°C)	31569	30938	30783	30660	30384	5.41	5.45	5.46	5.47	5.50
	-4°F (-20.0°C)	36506	35776	35597	35455	35136	5.78	5.83	5.84	5.85	5.87
	0°F (-17.8°C)	39180	38396	38204	38051	37709	5.94	5.98	6.00	6.01	6.03
	5°F (-15.0°C)	42521	41671	41463	41297	40925	6.13	6.18	6.20	6.21	6.23
	14°F (-10.0°C)	44991	44091	43871	43695	43302	6.14	6.19	6.21	6.22	6.24
	17°F (-8.3°C)	45814	44898	44673	44495	44094	6.15	6.20	6.21	6.22	6.25
	22°F (-5.6°C)	45004	44104	43884	43708	43315	5.94	5.98	6.00	6.01	6.03
	27°F (-2.8°C)	44195	43311	43094	42922	42536	5.72	5.77	5.78	5.79	5.82
	32°F (0.0°C)	43385	42517	42305	42136	41756	5.51	5.55	5.57	5.58	5.60
	35°F (1.7°C)	42899	42041	41831	41664	41289	5.38	5.43	5.44	5.45	5.47
	37°F (2.8°C)	45387	44479	44256	44079	43683	5.28	5.32	5.33	5.34	5.36
	42°F (5.6°C)	51605	50573	50320	50119	49668	5.02	5.06	5.07	5.08	5.10
	44.6°F (7.0°C)	54092	53010	52745	52534	52061	4.92	4.96	4.97	4.98	5.00
	47°F (8.3°C)	57823	56667	56383	56158	55652	4.76	4.80	4.81	4.82	4.84
	52°F (11.1°C)	58001	56841	56557	56331	55824	4.44	4.48	4.49	4.50	4.52
	57°F (13.9°C)	58179	57015	56730	56503	55995	4.12	4.15	4.16	4.17	4.19
	59°F (15.0°C)	58250	57085	56800	56573	56063	3.99	4.02	4.03	4.04	4.06
	62°F (16.7°C)	58357	57190	56904	56676	56166	3.80	3.83	3.84	3.85	3.86
	64.4°F (18.0°C)	58442	57274	56987	56759	56248	3.65	3.67	3.68	3.69	3.70
	69.8°F (21.0°C)	58635	57462	57175	56946	56433	3.30	3.32	3.33	3.34	3.35
	75.2°F (24.0°C)	58827	57650	57362	57133	56618	2.95	2.97	2.98	2.99	3.00

COOLING PERFORMANCE - D5CURA + D5FULA

For the following tables:

TC = Total Cooling Capacity (BTU/hr)

S/T = Sensible Cooling Capacity Ratio

PI = Power Input (kW)

Extrapolated Data: The highlighted data is tested; other data is simulated and for reference.

Table 18 – 18K Cooling — D5CURA + D5FULA (24B) (Continued)

Airflow CFM	Out- door DB °F	ID WB °F	60.8°F (16.0°C)					64.4°F (16.0°C)					67.0°F (19.4°C)					71.6°F (22.0°C)				
		ID DB °F	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C
		TC	17022	17015	17257	17329	17806	17760	17746	17734	17733	17718	18291	18268	18251	18248	18231	19294	19289	19249	19242	19201
617	-13°F 25°C	S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.85	0.86	0.97	0.55	0.65	0.74	0.76	0.86	0.39	0.47	0.56	0.57	0.67
		PI	0.92	0.92	0.92	0.92	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.92	0.92	0.92	0.92	0.92
		TC	18332	18323	18585	18662	19175	19126	19111	19099	19097	19081	19698	19674	19655	19652	19633	20778	20772	20730	20722	20678
	-4°F 20°C	S/T	0.80	0.92	1.00	1.00	1.00	0.65	0.76	0.85	0.87	0.98	0.55	0.65	0.74	0.76	0.86	0.39	0.48	0.56	0.57	0.67
		PI	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.94	0.94	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
		TC	18940	18929	19280	19361	19892	19752	19731	19715	19713	19911	20333	20304	20279	20276	20266	21427	21421	21420	21423	21436
	0°F 17.8°C	S/T	0.81	0.93	1.00	1.00	1.00	0.66	0.77	0.86	0.88	1.00	0.55	0.66	0.75	0.77	0.87	0.39	0.48	0.57	0.58	0.68
		PI	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.97	0.97	0.97	0.97	0.97
		TC	19483	19550	19997	20089	20708	20397	20402	20403	20424	20729	21049	21055	21059	21059	21087	22284	22277	22289	22291	22301
	5°F 15°C	S/T	0.82	0.94	1.00	1.00	1.00	0.66	0.77	0.87	0.88	1.00	0.56	0.67	0.76	0.78	0.88	0.39	0.48	0.57	0.59	0.69
		PI	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.98	0.98	0.98	0.98	0.98	1.00	1.00	1.00	1.00	1.00
		TC	19839	19829	20234	20329	20959	20824	20806	20792	20789	20984	21538	21511	21489	21485	21464	22901	22894	22850	22842	22794
	14°F 10°C	S/T	0.81	0.93	1.00	1.00	1.00	0.65	0.76	0.86	0.87	1.00	0.55	0.66	0.75	0.76	0.87	0.39	0.48	0.56	0.57	0.67
		PI	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
		TC	19911	19976	20437	20537	21204	20902	20911	20914	20932	21227	21615	21623	21632	21633	21660	22988	22982	22979	22983	23002
	17°F 10°C	S/T	0.82	0.93	1.00	1.00	1.00	0.66	0.77	0.87	0.88	1.00	0.55	0.66	0.76	0.77	0.87	0.39	0.48	0.57	0.58	0.68
		PI	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.81	0.81	0.81	0.81	0.81
		TC	20362	20449	20978	21082	21777	21393	21399	21401	21430	21800	22131	22138	22144	22144	22180	23531	23524	23541	23544	23558
	23°F 5°C	S/T	0.83	0.95	1.00	1.00	1.00	0.66	0.78	0.88	0.89	1.00	0.56	0.67	0.76	0.78	0.89	0.39	0.48	0.57	0.59	0.69
		PI	0.82	0.82	0.82	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.85	0.85	0.85	0.85	0.85
		TC	21461	21462	21588	21649	22347	22465	22464	22466	22466	22526	23168	23166	23167	23168	23170	24472	24467	24465	24464	24466
	35°F 1.7°C	S/T	0.78	0.88	0.97	0.99	1.00	0.63	0.73	0.82	0.83	0.93	0.54	0.63	0.72	0.73	0.83	0.39	0.46	0.54	0.56	0.65
		PI	0.80	0.80	0.81	0.81	0.85	0.85	0.85	0.85	0.85	0.86	0.89	0.89	0.89	0.89	0.89	0.97	0.97	0.97	0.97	0.97
		TC	20556	20556	20720	20864	21481	21512	21512	21513	21513	21589	22183	22182	22183	22183	22185	23428	23422	23421	23420	23422
	41°F 5°C	S/T	0.78	0.89	0.98	1.00	1.00	0.64	0.74	0.83	0.84	0.94	0.54	0.64	0.72	0.74	0.84	0.39	0.47	0.55	0.56	0.66
		PI	0.87	0.87	0.88	0.89	0.93	0.93	0.93	0.93	0.93	0.93	0.97	0.97	0.97	0.97	0.97	1.06	1.06	1.06	1.06	1.06
		TC	19650	19663	19926	20015	20608	20561	20560	20561	20560	20655	21199	21197	21199	21198	21198	22386	22380	22378	22378	22380
	47°F 8.3°C	S/T	0.79	0.90	1.00	1.00	1.00	0.64	0.75	0.84	0.85	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.67
		PI	0.94	0.94	0.96	0.97	1.01	1.00	1.00	1.00	1.00	1.01	1.05	1.05	1.05	1.05	1.05	1.14	1.14	1.14	1.14	1.14
		TC	19161	19688	20353	20470	21264	20242	20254	20394	20458	21284	21032	21059	21070	21072	21274	22482	22541	22599	22606	22634
	50°F 10°C	S/T	0.90	1.00	1.00	1.00	1.00	0.71	0.85	0.96	0.99	1.00	0.59	0.72	0.83	0.85	0.99	0.40	0.50	0.60	0.62	0.74
		PI	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.06	1.06	1.06
		TC	18751	19409	20097	20220	21043	19839	19866	20092	20241	21063	20658	20679	20686	20716	21081	22182	22227	22271	22276	22294
	59°F 15°C	S/T	0.92	1.00	1.00	1.00	1.00	0.73	0.86	1.00	1.00	1.00	0.60	0.73	0.85	0.86	1.00	0.40	0.51	0.61	0.63	0.76
		PI	1.11	1.11	1.11	1.11	1.12	1.11	1.11	1.11	1.11	1.12	1.12	1.12	1.11	1.12	1.12	1.12	1.12	1.12	1.12	1.12
		TC	18335	19117	19826	19952	20799	19410	19454	19848	19974	20819	20249	20264	20301	20319	20837	21819	21859	21893	21897	21908
	68°F 20°C	S/T	0.95	1.00	1.00	1.00	1.00	0.74	0.89	1.00	1.00	1.00	0.61	0.75	0.87	0.89	1.00	0.40	0.51	0.63	0.65	0.78
		PI	1.15	1.15	1.16	1.16	1.17	1.16	1.16	1.16	1.16	1.17	1.16	1.16	1.16	1.16	1.17	1.18	1.18	1.18	1.18	1.18
		TC	17907	18769	19503	19633	20510	18983	19043	19525	19655	20531	19843	19865	19916	19938	20548	21431	21496	21546	21551	21571
	77°F 25°C	S/T	0.97	1.00	1.00	1.00	1.00	0.75	0.90	1.00	1.00	1.00	0.61	0.76	0.88	0.90	1.00	0.40	0.52	0.63	0.65	0.79
		PI	1.20	1.20	1.21	1.21	1.22	1.21	1.21	1.21	1.21	1.22	1.21	1.21	1.21	1.21	1.22	1.23	1.23	1.22	1.22	1.22
		TC	17991	18909	19672	19805	20712	19065	19138	19689	19827	20734	19951	19977	20039	20063	20752	21572	21653	21709	21715	21739
	82°F 27.8°C	S/T	0.99	1.00	1.00	1.00	1.00	0.76	0.91	1.00	1.00	1.00	0.62	0.77	0.89	0.92	1.00	0.40	0.52	0.64	0.66	0.80
		PI	1.31	1.32	1.33	1.33	1.33	1.32	1.32	1.32	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.34	1.34	1.34	1.34	1.34
		TC	18526	19451	20246	20387	21337	19537	19627	20269	20411	21359	20463	20486	20562	20591	21377	22153	22239	22292	22297	22318
	86°F 30°C	S/T	1.00	1.00	1.00	1.00	1.00	0.77	0.93	1.00	1.00	1.00	0.62	0.78	0.91	0.93	1.00	0.40	0.52	0.64	0.66	0.81
		PI	1.51	1.52	1.53	1.53	1.54	1.52	1.52	1.53	1.53	1.54	1.53	1.53	1.53	1.53	1.54	1.55	1.55	1.55	1.55	1.54
		TC	19596	19702	20338	20459	21267	20826	20838	20845	20870	21294	21720	21724	21738	21740	21776	23404	23395	23400	23407	23438
	95°F 35°C	S/T	0.83	0.95	1.00	1.00	1.00	0.66	0.78	0.88	0.89	1.00	0.56	0.67	0.76	0.78	0.88	0.39	0.48	0.57	0.58	0.68
		PI	1.88	1.89	1.92	1.92	1.96	1.94	1.94	1.94	1.94	1.96	1.98	1.98	1.98	1.98	1.99	2.07	2.07	2.07	2.07	2.07
		TC	16523	16674	17302	17406	18100	17564	17574	17605	17624	18122	18313	18321	18330	18331	18383	19739	19731	19740	19747	19768
	104°F 40°C	S/T	0.85	0.98	1.00	1.00	1.00	0.68	0.80	0.90	0.92	1.00	0.56	0.68	0							

Table 20 – 24K Cooling — D5CURA + D5FULA (24B)

Airflow CFM	Out- door DB °F	ID WB °F	60.8°F (16.0°C)					64.4°F (16.0°C)					67.0°F (19.4°C)					71.6°F (22.0°C)				
		ID DB °F	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C
529	-13°F 25°C	TC	16758	16753	16748	16845	17341	17496	17487	17479	17478	17465	18019	18009	17997	17995	17983	19007	19002	18988	18984	18955
		S/T	0.77	0.88	0.97	1.00	1.00	0.63	0.73	0.81	0.83	0.93	0.54	0.63	0.71	0.73	0.83	0.39	0.46	0.54	0.56	0.65
		PI	1.36	1.36	1.36	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.34	1.34	1.34	1.34	1.34	1.35	1.35	1.35	1.35	1.35
	-4°F 20°C	TC	18048	18041	18036	18141	18675	18842	18832	18823	18822	18809	19405	19395	19382	19379	19366	20469	20464	20449	20444	20413
		S/T	0.78	0.88	0.97	1.00	1.00	0.63	0.73	0.82	0.83	0.93	0.54	0.64	0.72	0.73	0.83	0.39	0.47	0.55	0.56	0.65
		PI	1.40	1.40	1.40	1.40	1.40	1.39	1.39	1.40	1.40	1.40	1.39	1.39	1.39	1.39	1.39	1.40	1.40	1.40	1.40	1.40
	0°F 17.8°C	TC	18643	18635	18707	18850	19372	19456	19441	19430	19428	19425	20027	20015	19997	19994	19976	21106	21100	21101	21103	21119
		S/T	0.78	0.89	0.99	1.00	1.00	0.64	0.74	0.83	0.84	0.95	0.54	0.64	0.73	0.74	0.84	0.39	0.47	0.55	0.57	0.66
		PI	1.42	1.42	1.42	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.43	1.43	1.43	1.43	1.43
	5°F 15°C	TC	19192	19209	19468	19557	20155	20104	20108	20111	20111	20210	20762	20760	20766	20767	20769	22003	21996	21996	21998	22010
		S/T	0.79	0.90	1.00	1.00	1.00	0.64	0.75	0.84	0.85	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.66
		PI	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.44	1.44	1.44	1.44	1.44	1.47	1.47	1.47	1.47	1.47
	14°F 10°C	TC	19321	19313	19393	19563	20170	20290	20279	20269	20267	20257	20992	20982	20966	20963	20945	22312	22305	22289	22284	22249
		S/T	0.78	0.89	0.99	1.00	1.00	0.64	0.74	0.82	0.84	0.94	0.54	0.64	0.72	0.74	0.83	0.39	0.47	0.55	0.56	0.65
		PI	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.37	1.37	1.37	1.37	1.37	1.38	1.38	1.38	1.38	1.38
	17°F 10°C	TC	19388	19393	19630	19743	20379	20361	20363	20367	20368	20464	21010	21018	21032	21033	21038	22408	22401	22403	22408	22428
		S/T	0.79	0.89	1.00	1.00	1.00	0.64	0.74	0.83	0.85	0.95	0.55	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.66
		PI	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.36	1.36	1.36	1.36	1.36
	23°F 5°C	TC	19273	19299	19613	19710	20354	20262	20267	20270	20270	20390	20976	20975	20982	20983	20986	22328	22322	22323	22325	22341
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.84	0.86	0.97	0.54	0.65	0.74	0.75	0.85	0.39	0.47	0.56	0.57	0.66
		PI	1.42	1.42	1.42	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.44	1.44	1.44	1.44	1.44	1.46	1.46	1.46	1.46	1.47
	35°F 1.7°C	TC	19309	19309	19347	19368	19866	20235	20233	20233	20234	20234	20886	20884	20882	20882	20884	22095	22090	22085	22088	22084
		S/T	0.75	0.85	0.93	0.94	1.00	0.62	0.71	0.79	0.80	0.89	0.53	0.62	0.69	0.71	0.80	0.39	0.46	0.53	0.54	0.63
		PI	1.46	1.46	1.47	1.47	1.51	1.55	1.55	1.55	1.55	1.55	1.62	1.62	1.62	1.62	1.62	1.76	1.76	1.76	1.76	1.76
	41°F 5°C	TC	17810	17810	17859	17883	18391	18660	18658	18658	18659	18675	19257	19255	19253	19254	19256	20366	20361	20356	20359	20356
		S/T	0.76	0.86	0.94	0.96	1.00	0.62	0.72	0.80	0.81	0.90	0.53	0.62	0.70	0.71	0.81	0.39	0.46	0.53	0.55	0.64
		PI	1.18	1.18	1.18	1.18	1.22	1.25	1.25	1.25	1.25	1.25	1.31	1.31	1.30	1.30	1.31	1.42	1.42	1.42	1.42	1.42
	47°F 8.3°C	TC	16308	16308	16371	16399	16904	17084	17081	17082	17082	17108	17628	17626	17625	17625	17626	18639	18635	18633	18633	18630
		S/T	0.77	0.87	0.95	0.97	1.00	0.63	0.72	0.81	0.82	0.91	0.53	0.63	0.71	0.72	0.82	0.39	0.46	0.54	0.55	0.64
		PI	0.89	0.89	0.90	0.90	0.94	0.95	0.95	0.95	0.95	0.95	0.99	0.99	0.99	0.99	0.99	1.08	1.08	1.08	1.08	1.08
	50°F 10°C	TC	15944	16205	16746	16842	17487	16881	16891	16946	16968	17508	17546	17569	17579	17580	17659	18810	18819	18865	18870	18895
		S/T	0.87	1.00	1.00	1.00	1.00	0.69	0.81	0.92	0.94	1.00	0.57	0.69	0.80	0.81	0.93	0.39	0.49	0.58	0.60	0.71
		PI	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	59°F 15°C	TC	15760	16139	16707	16808	17484	16722	16729	16812	16844	17504	17416	17434	17442	17442	17558	18746	18751	18788	18792	18810
		S/T	0.88	1.00	1.00	1.00	1.00	0.70	0.83	0.94	0.97	1.00	0.58	0.71	0.81	0.83	0.96	0.39	0.50	0.59	0.61	0.73
		PI	1.02	1.02	1.02	1.02	1.03	1.02	1.02	1.02	1.02	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
	68°F 20°C	TC	15590	16093	16685	16790	17496	16564	16570	16699	16808	17516	17285	17300	17304	17305	17502	18664	18671	18701	18704	18717
		S/T	0.91	1.00	1.00	1.00	1.00	0.72	0.85	0.97	1.00	1.00	0.59	0.72	0.84	0.86	0.99	0.40	0.50	0.61	0.62	0.75
		PI	1.03	1.04	1.04	1.04	1.05	1.04	1.04	1.04	1.04	1.05	1.05	1.05	1.05	1.05	1.05	1.06	1.06	1.06	1.06	1.06
	77°F 25°C	TC	15391	15980	16600	16710	17449	16391	16399	16587	16730	17469	17140	17159	17167	17187	17485	18563	18580	18621	18626	18646
		S/T	0.92	1.00	1.00	1.00	1.00	0.72	0.87	0.99	1.00	1.00	0.59	0.73	0.85	0.86	1.00	0.40	0.51	0.61	0.63	0.76
		PI	1.06	1.06	1.07	1.07	1.08	1.07	1.07	1.07	1.07	1.08	1.07	1.07	1.07	1.07	1.08	1.09	1.09	1.08	1.08	1.08
	82°F 27.8°C	TC	15803	16473	17129	17246	18030	16846	16873	17150	17267	18050	17634	17657	17666	17694	18067	19127	19151	19199	19205	19227
		S/T	0.94	1.00	1.00	1.00	1.00	0.73	0.87	1.00	1.00	1.00	0.60	0.74	0.86	0.87	1.00	0.40	0.51	0.62	0.63	0.76
		PI	1.22	1.22	1.23	1.23	1.24	1.23	1.23	1.23	1.23	1.24	1.23	1.23	1.23	1.23	1.24	1.25	1.25	1.25	1.25	1.24
	86°F 30°C	TC	16778	17555	18267	18393	19251	17886	17923	18289	18415	19266	18739	18761	18791	18808	19284	20350	20379	20427	20432	20453
		S/T	0.95	1.00	1.00	1.00	1.00	0.74	0.88	1.00	1.00	1.00	0.60	0.75	0.86	0.88	1.00	0.40	0.51	0.62	0.64	0.77
		PI	1.52	1.53	1.54	1.54	1.55	1.54	1.54	1.54	1.54	1.55	1.55	1.55	1.55	1.55	1.55	1.57	1.56	1.56	1.56	1.56
	95°F 35°C	TC	19199	19233	19646	19761	20536	20427	20432	20439	20440	20578	21309	21311	21322	21323	21333	23003	22995	22997	22996	23013
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.84	0.86	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.56	0.66
		PI	2.13	2.14	2.16	2.16	2.21	2.20	2.20	2.20	2.20	2.21	2.25	2.25	2.25	2.25	2.25	2.34	2.34	2.34	2.34	2.34
	104°F 40°C	TC	17169	17230	17727	17831	18538	18267	18274	18278	18279	18520	19057	19060	19070	19072	19078	20571	20564	20568	20564	20584
		S/T	0.82																			

Table 21 – 30K Cooling — D5CURA + D5FULA (36A)

Airflow CFM	Out- door DB °F	ID WB °F	60.8°F (16.0°C)					64.4°F (16.0°C)					67.0°F (19.4°C)					71.6°F (22.0°C)				
		ID DB °F	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C
507	-13°F 25°C	TC	16758	16753	16748	16845	17341	17496	17487	17479	17478	17465	18019	18009	17997	17995	17983	19007	19002	18988	18984	18955
		S/T	0.77	0.88	0.97	1.00	1.00	0.63	0.73	0.81	0.83	0.93	0.54	0.63	0.71	0.73	0.83	0.39	0.46	0.54	0.56	0.65
		PI	1.36	1.36	1.36	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.34	1.34	1.34	1.34	1.34	1.35	1.35	1.35	1.35	1.35
	-4°F 20°C	TC	18048	18041	18036	18141	18675	18842	18832	18823	18822	18809	19405	19395	19382	19379	19366	20469	20464	20449	20444	20413
		S/T	0.78	0.88	0.97	1.00	1.00	0.63	0.73	0.82	0.83	0.93	0.54	0.64	0.72	0.73	0.83	0.39	0.47	0.55	0.56	0.65
		PI	1.40	1.40	1.40	1.40	1.40	1.39	1.39	1.40	1.40	1.40	1.39	1.39	1.39	1.39	1.39	1.40	1.40	1.40	1.40	1.40
	0°F 17.8°C	TC	18643	18635	18707	18850	19372	19456	19441	19430	19428	19425	20027	20015	19997	19994	19976	21106	21100	21101	21103	21119
		S/T	0.78	0.89	0.99	1.00	1.00	0.64	0.74	0.83	0.84	0.95	0.54	0.64	0.73	0.74	0.84	0.39	0.47	0.55	0.57	0.66
		PI	1.42	1.42	1.42	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.43	1.43	1.43	1.43	1.43
	5°F 15°C	TC	19192	19209	19468	19557	20155	20104	20108	20111	20111	20210	20762	20760	20766	20767	20769	22003	21996	21996	21998	22010
		S/T	0.79	0.90	1.00	1.00	1.00	0.64	0.75	0.84	0.85	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.66
		PI	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.44	1.44	1.44	1.44	1.44	1.47	1.47	1.47	1.47	1.47
	14°F 10°C	TC	19321	19313	19393	19563	20170	20290	20279	20269	20267	20257	20992	20982	20966	20963	20945	22312	22305	22289	22284	22249
		S/T	0.78	0.89	0.99	1.00	1.00	0.64	0.74	0.82	0.84	0.94	0.54	0.64	0.72	0.74	0.83	0.39	0.47	0.55	0.56	0.65
		PI	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.37	1.37	1.37	1.37	1.37	1.38	1.38	1.38	1.38	1.38
	17°F 10°C	TC	19388	19393	19630	19743	20379	20361	20363	20367	20368	20464	21010	21018	21032	21033	21038	22408	22401	22403	22408	22428
		S/T	0.79	0.89	1.00	1.00	1.00	0.64	0.74	0.83	0.85	0.95	0.55	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.66
		PI	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.36	1.36	1.36	1.36	1.36
	23°F 5°C	TC	19273	19299	19613	19710	20354	20262	20267	20270	20270	20390	20976	20975	20982	20983	20986	22328	22322	22323	22325	22341
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.84	0.86	0.97	0.54	0.65	0.74	0.75	0.85	0.39	0.47	0.56	0.57	0.66
		PI	1.42	1.42	1.42	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.44	1.44	1.44	1.44	1.44	1.46	1.46	1.46	1.46	1.47
	35°F 1.7°C	TC	19309	19309	19347	19368	19866	20235	20233	20233	20234	20234	20886	20884	20882	20882	20884	22095	22090	22085	22088	22084
		S/T	0.75	0.85	0.93	0.94	1.00	0.62	0.71	0.79	0.80	0.89	0.53	0.62	0.69	0.71	0.80	0.39	0.46	0.53	0.54	0.63
		PI	1.46	1.46	1.47	1.47	1.51	1.55	1.55	1.55	1.55	1.55	1.62	1.62	1.62	1.62	1.62	1.76	1.76	1.76	1.76	1.76
	41°F 5°C	TC	17810	17810	17859	17883	18391	18660	18658	18658	18659	18675	19257	19255	19253	19254	19256	20366	20361	20356	20359	20356
		S/T	0.76	0.86	0.94	0.96	1.00	0.62	0.72	0.80	0.81	0.90	0.53	0.62	0.70	0.71	0.81	0.39	0.46	0.53	0.55	0.64
		PI	1.18	1.18	1.18	1.18	1.22	1.25	1.25	1.25	1.25	1.25	1.31	1.31	1.30	1.30	1.31	1.42	1.42	1.42	1.42	1.42
	47°F 8.3°C	TC	16308	16308	16371	16399	16904	17084	17081	17082	17082	17108	17628	17626	17625	17625	17626	18639	18635	18633	18633	18630
		S/T	0.77	0.87	0.95	0.97	1.00	0.63	0.72	0.81	0.82	0.91	0.53	0.63	0.71	0.72	0.82	0.39	0.46	0.54	0.55	0.64
		PI	0.89	0.89	0.90	0.90	0.94	0.95	0.95	0.95	0.95	0.95	0.99	0.99	0.99	0.99	0.99	1.08	1.08	1.08	1.08	1.08
	50°F 10°C	TC	15944	16205	16746	16842	17487	16881	16891	16946	16968	17508	17546	17569	17579	17580	17659	18810	18819	18865	18870	18895
		S/T	0.87	1.00	1.00	1.00	1.00	0.69	0.81	0.92	0.94	1.00	0.57	0.69	0.80	0.81	0.93	0.39	0.49	0.58	0.60	0.71
		PI	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	59°F 15°C	TC	15760	16139	16707	16808	17484	16722	16729	16812	16844	17504	17416	17434	17442	17442	17558	18746	18751	18788	18792	18810
		S/T	0.88	1.00	1.00	1.00	1.00	0.70	0.83	0.94	0.97	1.00	0.58	0.71	0.81	0.83	0.96	0.39	0.50	0.59	0.61	0.73
		PI	1.02	1.02	1.02	1.02	1.03	1.02	1.02	1.02	1.02	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
	68°F 20°C	TC	15590	16093	16685	16790	17496	16564	16570	16699	16808	17516	17285	17300	17304	17305	17502	18664	18671	18701	18704	18717
		S/T	0.91	1.00	1.00	1.00	1.00	0.72	0.85	0.97	1.00	1.00	0.59	0.72	0.84	0.86	0.99	0.40	0.50	0.61	0.62	0.75
		PI	1.03	1.04	1.04	1.04	1.05	1.04	1.04	1.04	1.04	1.05	1.05	1.05	1.05	1.05	1.05	1.06	1.06	1.06	1.06	1.06
	77°F 25°C	TC	15391	15980	16600	16710	17449	16391	16399	16587	16730	17469	17140	17159	17167	17187	17485	18563	18580	18621	18626	18646
		S/T	0.92	1.00	1.00	1.00	1.00	0.72	0.87	0.99	1.00	1.00	0.59	0.73	0.85	0.86	1.00	0.40	0.51	0.61	0.63	0.76
		PI	1.06	1.06	1.07	1.07	1.08	1.07	1.07	1.07	1.07	1.08	1.07	1.07	1.07	1.07	1.08	1.09	1.09	1.08	1.08	1.08
	82°F 27.8°C	TC	15803	16473	17129	17246	18030	16846	16873	17150	17267	18050	17634	17657	17666	17694	18067	19127	19151	19199	19205	19227
		S/T	0.94	1.00	1.00	1.00	1.00	0.73	0.87	1.00	1.00	1.00	0.60	0.74	0.86	0.87	1.00	0.40	0.51	0.62	0.63	0.76
		PI	1.22	1.22	1.23	1.23	1.24	1.23	1.23	1.23	1.23	1.24	1.23	1.23	1.23	1.23	1.24	1.25	1.25	1.25	1.25	1.24
	86°F 30°C	TC	16778	17555	18267	18393	19251	17886	17923	18289	18415	19266	18739	18761	18791	18808	19284	20350	20379	20427	20432	20453
		S/T	0.95	1.00	1.00	1.00	1.00	0.74	0.88	1.00	1.00	1.00	0.60	0.75	0.86	0.88	1.00	0.40	0.51	0.62	0.64	0.77
		PI	1.52	1.53	1.54	1.54	1.55	1.54	1.54	1.54	1.54	1.55	1.55	1.55	1.55	1.55	1.55	1.57	1.56	1.56	1.56	1.56
	95°F 35°C	TC	19199	19233	19646	19761	20536	20427	20432	20439	20440	20578	21309	21311	21322	21323	21333	23003	22995	22997	22996	23013
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.84	0.86	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.56	0.66
		PI	2.13	2.14	2.16	2.16	2.21	2.20	2.20	2.20	2.20	2.21	2.25	2.25	2.25	2.25	2.25	2.34	2.34	2.34	2.34	2.34
	104°F 40°C	TC	17169	17230	17727	17831	18538	18267	18274	18278	18279	18520	19057	19060	19070	19072	19078	20571	20564	20568	20564	20584
		S/T	0.82																			

Table 26 – 36K Cooling — D5CURA + D5FULA (36C) (Continued)

Airflow CFM	Out- door DB °F	ID WB °F	60.8°F (16.0°C)					64.4°F (16.0°C)					67.0°F (19.4°C)					71.6°F (22.0°C)				
		ID DB °F	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C
912	-13°F 25°C	TC	34828	34812	35308	35455	36430	36337	36308	36285	36281	36251	37424	37377	37341	37336	37301	39475	39464	39383	39369	39285
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.85	0.86	0.97	0.55	0.65	0.74	0.76	0.86	0.39	0.47	0.56	0.57	0.67
		PI	2.63	2.63	2.63	2.63	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.63	2.63	2.63	2.63	2.63
	-4°F 20°C	TC	37507	37489	38024	38182	39233	39133	39100	39076	39072	39040	40303	40252	40214	40208	40170	42512	42500	42413	42397	42307
		S/T	0.80	0.92	1.00	1.00	1.00	0.65	0.76	0.85	0.87	0.98	0.55	0.65	0.74	0.76	0.86	0.39	0.48	0.56	0.57	0.67
		PI	2.73	2.73	2.72	2.72	2.71	2.71	2.71	2.72	2.72	2.72	2.71	2.71	2.71	2.71	2.71	2.73	2.73	2.73	2.73	2.73
	0°F 17.8°C	TC	38751	38728	39447	39612	40700	40413	40369	40337	40333	40738	41601	41542	41491	41484	41465	43839	43828	43825	43831	43859
		S/T	0.81	0.93	1.00	1.00	1.00	0.66	0.77	0.86	0.88	1.00	0.55	0.66	0.75	0.77	0.87	0.39	0.48	0.57	0.58	0.68
		PI	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.78	2.78	2.78	2.78	2.78
	5°F 15°C	TC	39862	40000	40914	41103	42369	41732	41742	41745	41788	42411	43066	43077	43086	43087	43145	45593	45579	45602	45607	45627
		S/T	0.82	0.94	1.00	1.00	1.00	0.66	0.78	0.87	0.88	1.00	0.56	0.67	0.76	0.78	0.88	0.39	0.48	0.57	0.59	0.69
		PI	2.77	2.77	2.78	2.78	2.79	2.79	2.79	2.79	2.79	2.80	2.80	2.80	2.80	2.81	2.81	2.87	2.87	2.87	2.87	2.87
	14°F 10°C	TC	40529	40508	41335	41529	42817	42541	42503	42474	42470	42867	43998	43943	43899	43892	43847	46784	46770	46680	46664	46564
		S/T	0.81	0.93	1.00	1.00	1.00	0.65	0.76	0.86	0.87	1.00	0.55	0.66	0.75	0.76	0.87	0.39	0.48	0.56	0.57	0.67
		PI	2.56	2.56	2.56	2.56	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.56	2.56	2.56	2.56	2.56
	17°F 10°C	TC	40655	40788	41730	41934	43296	42679	42696	42704	42740	43342	44135	44152	44169	44171	44226	46939	46926	46919	46927	46967
		S/T	0.82	0.93	1.00	1.00	1.00	0.66	0.77	0.87	0.88	1.00	0.55	0.66	0.76	0.77	0.87	0.39	0.48	0.57	0.58	0.68
		PI	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.47	2.47	2.47	2.47	2.47	2.49	2.49	2.49	2.49	2.49
	23°F 5°C	TC	40395	40569	41618	41824	43202	42441	42453	42458	42514	43249	43904	43920	43931	43932	44003	46684	46669	46702	46709	46736
		S/T	0.83	0.95	1.00	1.00	1.00	0.66	0.78	0.88	0.89	1.00	0.56	0.67	0.76	0.78	0.89	0.39	0.48	0.57	0.59	0.69
		PI	2.41	2.41	2.42	2.42	2.44	2.43	2.43	2.43	2.43	2.44	2.45	2.45	2.45	2.45	2.45	2.49	2.49	2.49	2.49	2.49
	35°F 1.7°C	TC	40254	40256	40492	40605	41915	42136	42134	42138	42138	42250	43455	43452	43454	43455	43460	45902	45891	45889	45887	45890
		S/T	0.78	0.88	0.97	0.99	1.00	0.63	0.73	0.82	0.83	0.93	0.54	0.63	0.72	0.73	0.83	0.39	0.46	0.54	0.56	0.65
		PI	2.17	2.18	2.19	2.20	2.29	2.31	2.31	2.31	2.31	2.31	2.41	2.41	2.41	2.41	2.41	2.62	2.62	2.62	2.62	2.62
	41°F 5°C	TC	39617	39618	39933	40211	41400	41460	41459	41461	41461	41607	42753	42751	42753	42754	42756	45152	45141	45138	45136	45141
		S/T	0.78	0.89	0.98	1.00	1.00	0.64	0.74	0.83	0.84	0.94	0.54	0.64	0.72	0.74	0.84	0.39	0.47	0.55	0.56	0.66
		PI	2.33	2.33	2.36	2.38	2.47	2.48	2.48	2.48	2.48	2.49	2.59	2.59	2.59	2.59	2.59	2.82	2.82	2.82	2.82	2.82
	47°F 8.3°C	TC	38979	39005	39528	39704	40879	40786	40785	40786	40785	40974	42053	42049	42052	42051	42051	44407	44396	44392	44390	44395
		S/T	0.79	0.90	1.00	1.00	1.00	0.64	0.75	0.84	0.85	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.67
		PI	2.49	2.49	2.54	2.56	2.66	2.65	2.65	2.65	2.65	2.67	2.78	2.78	2.78	2.78	2.78	3.03	3.03	3.03	3.03	3.03
	50°F 10°C	TC	37452	38483	39782	40013	41564	39567	39588	39862	39988	41603	41110	41164	41185	41188	41584	43944	44060	44173	44186	44242
		S/T	0.90	1.00	1.00	1.00	1.00	0.71	0.85	0.96	0.99	1.00	0.59	0.72	0.83	0.85	0.99	0.40	0.50	0.60	0.62	0.74
		PI	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.71	2.71	2.71	2.71	2.71	2.71
	59°F 15°C	TC	34976	36203	37488	37716	39251	37007	37057	37478	37757	39290	38533	38572	38586	38642	39322	41377	41460	41542	41552	41586
		S/T	0.92	1.00	1.00	1.00	1.00	0.73	0.86	1.00	1.00	1.00	0.60	0.73	0.85	0.86	1.00	0.40	0.51	0.61	0.63	0.76
		PI	2.51	2.52	2.52	2.52	2.53	2.52	2.52	2.52	2.52	2.53	2.53	2.53	2.53	2.53	2.53	2.55	2.54	2.54	2.54	2.54
	68°F 20°C	TC	32500	33888	35144	35368	36868	34407	34484	35182	35406	36905	35894	35921	35986	36017	36935	38676	38748	38809	38815	38835
		S/T	0.95	1.00	1.00	1.00	1.00	0.74	0.89	1.00	1.00	1.00	0.61	0.75	0.87	0.89	1.00	0.40	0.51	0.63	0.65	0.78
		PI	2.30	2.32	2.33	2.33	2.35	2.32	2.32	2.33	2.33	2.35	2.34	2.34	2.34	2.34	2.35	2.37	2.37	2.37	2.37	2.37
	77°F 25°C	TC	30017	31463	32694	32912	34382	31822	31923	32730	32949	34417	33264	33301	33386	33423	34446	35926	36035	36118	36127	36161
		S/T	0.97	1.00	1.00	1.00	1.00	0.75	0.90	1.00	1.00	1.00	0.61	0.76	0.88	0.90	1.00	0.40	0.52	0.63	0.65	0.79
		PI	2.12	2.14	2.15	2.15	2.16	2.14	2.14	2.15	2.15	2.16	2.15	2.15	2.15	2.15	2.16	2.18	2.18	2.17	2.17	2.17
	82°F 27.8°C	TC	29956	31486	32756	32978	34488	31744	31867	32784	33015	34524	33221	33263	33366	33408	34554	35919	36054	36148	36158	36197
		S/T	0.99	1.00	1.00	1.00	1.00	0.76	0.91	1.00	1.00	1.00	0.62	0.77	0.89	0.92	1.00	0.40	0.52	0.64	0.66	0.80
		PI	2.32	2.33	2.34	2.34	2.36	2.34	2.34	2.34	2.35	2.36	2.35	2.35	2.35	2.35	2.36	2.38	2.37	2.37	2.37	2.37
	86°F 30°C	TC	31669	33250	34610	34851	36474	33398	33551	34648	34891	36512	34980	35020	35149	35199	36543	37870	38016	38106	38116	38151
		S/T	1.00	1.00	1.00	1.00	1.00	0.77	0.93	1.00	1.00	1.00	0.62	0.78	0.91	0.93	1.00	0.40	0.52	0.64	0.66	0.81
		PI	2.85	2.87	2.88	2.88	2.90	2.87	2.87	2.88	2.88	2.90	2.89	2.89	2.89	2.89	2.90	2.93	2.92	2.92	2.92	2.92
	95°F 35°C	TC	35300	35491	36638	36855	38312	37517	37538	37550	37595	38360	39127	39135	39159	39162	39227	42161	42145	42153	42165	42222
		S/T	0.83	0.95	1.00	1.00	1.00	0.66	0.78	0.88	0.89	1.00	0.56	0.67	0.76	0.78	0.88	0.39	0.			

Table 27 – 48K Cooling — D5CURA + D5FULA (60C)

Airflow CFM	Out- door DB °F	ID WB °F	60.8°F (16.0°C)					64.4°F (16.0°C)					67.0°F (19.4°C)					71.6°F (22.0°C)				
		ID DB °F	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C
790	-13°F 25°C	TC	29987	29977	29968	30143	31030	31308	31290	31276	31274	31252	32242	32225	32204	32200	32178	34011	34002	33977	33969	33918
		S/T	0.77	0.88	0.97	1.00	1.00	0.63	0.73	0.81	0.83	0.93	0.54	0.63	0.71	0.73	0.83	0.39	0.46	0.54	0.56	0.65
		PI	1.41	1.41	1.41	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.39	1.39	1.39	1.39	1.39	1.40	1.40	1.40	1.40	1.40
	-4°F 20°C	TC	32294	32283	32274	32461	33417	33716	33697	33682	33680	33656	34722	34704	34681	34677	34653	36628	36618	36591	36582	36527
		S/T	0.78	0.88	0.97	1.00	1.00	0.63	0.73	0.82	0.83	0.93	0.54	0.64	0.72	0.73	0.83	0.39	0.47	0.55	0.56	0.65
		PI	1.46	1.46	1.46	1.45	1.45	1.44	1.45	1.45	1.45	1.45	1.44	1.44	1.44	1.44	1.44	1.45	1.45	1.45	1.45	1.45
	0°F 17.8°C	TC	33360	33345	33474	33730	34664	34814	34788	34768	34765	34759	35835	35815	35782	35777	35745	37767	37756	37757	37762	37790
		S/T	0.78	0.89	0.99	1.00	1.00	0.64	0.74	0.83	0.84	0.95	0.54	0.64	0.73	0.74	0.84	0.39	0.47	0.55	0.57	0.66
		PI	1.47	1.47	1.47	1.47	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.47	1.47	1.48	1.48	1.48	1.48	1.48
	5°F 15°C	TC	34341	34372	34835	34995	36065	35974	35982	35985	35986	36163	37151	37148	37158	37159	37164	39371	39360	39360	39363	39385
		S/T	0.79	0.90	1.00	1.00	1.00	0.64	0.75	0.84	0.85	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.66
		PI	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.49	1.49	1.49	1.49	1.49	1.49	1.52	1.52	1.52	1.52	1.52
	14°F 10°C	TC	34416	34404	34546	34848	35930	36144	36123	36106	36103	36084	37393	37375	37347	37342	37310	39744	39732	39703	39695	39634
		S/T	0.78	0.89	0.99	1.00	1.00	0.64	0.74	0.82	0.84	0.94	0.54	0.64	0.72	0.74	0.83	0.39	0.47	0.55	0.56	0.65
		PI	1.48	1.48	1.48	1.48	1.48	1.47	1.47	1.47	1.47	1.48	1.47	1.47	1.47	1.47	1.47	1.48	1.48	1.48	1.48	1.48
	17°F 10°C	TC	34484	34493	34916	35117	36248	36216	36219	36227	36228	36399	37371	37385	37409	37411	37421	39856	39844	39848	39856	39893
		S/T	0.79	0.89	1.00	1.00	1.00	0.64	0.74	0.83	0.85	0.95	0.55	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.66
		PI	1.47	1.47	1.47	1.47	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.47	1.47	1.47	1.47	1.48
	23°F 5°C	TC	33917	33964	34517	34686	35820	35658	35667	35672	35672	35883	36915	36914	36925	36927	36933	39295	39283	39285	39290	39317
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.84	0.86	0.97	0.54	0.65	0.74	0.75	0.85	0.39	0.47	0.56	0.57	0.66
		PI	1.61	1.61	1.61	1.61	1.62	1.62	1.62	1.62	1.62	1.62	1.63	1.63	1.63	1.63	1.63	1.66	1.66	1.66	1.66	1.66
	35°F 1.7°C	TC	33249	33250	33314	33351	34208	34844	34839	34840	34842	34842	35964	35961	35957	35957	35961	38047	38038	38030	38035	38028
		S/T	0.75	0.85	0.93	0.94	1.00	0.62	0.71	0.79	0.80	0.89	0.53	0.62	0.69	0.71	0.80	0.39	0.46	0.53	0.54	0.63
		PI	1.77	1.77	1.78	1.78	1.84	1.88	1.88	1.88	1.88	1.88	1.96	1.96	1.96	1.96	1.96	2.13	2.13	2.13	2.13	2.13
	41°F 5°C	TC	37008	37008	37111	37161	38216	38774	38770	38771	38772	38806	40015	40011	40007	40008	40012	42319	42309	42300	42304	42298
		S/T	0.76	0.86	0.94	0.96	1.00	0.62	0.72	0.80	0.81	0.90	0.53	0.62	0.70	0.71	0.81	0.39	0.46	0.53	0.55	0.64
		PI	2.10	2.10	2.11	2.11	2.19	2.23	2.23	2.23	2.23	2.23	2.33	2.33	2.33	2.33	2.33	2.54	2.54	2.54	2.54	2.54
	47°F 8.3°C	TC	40766	40766	40923	40994	42255	42705	42699	42701	42701	42765	44065	44061	44057	44058	44060	46594	46582	46579	46578	46571
		S/T	0.77	0.87	0.95	0.97	1.00	0.63	0.72	0.81	0.82	0.91	0.53	0.63	0.71	0.72	0.82	0.39	0.46	0.54	0.55	0.64
		PI	2.42	2.42	2.43	2.44	2.54	2.58	2.58	2.58	2.58	2.59	2.70	2.70	2.70	2.70	2.70	2.95	2.95	2.95	2.95	2.94
	50°F 10°C	TC	39755	40404	41754	41993	43602	42091	42116	42252	42306	43653	43748	43804	43830	43833	44030	46900	46923	47036	47049	47112
		S/T	0.87	1.00	1.00	1.00	1.00	0.69	0.81	0.92	0.94	1.00	0.57	0.69	0.80	0.81	0.93	0.39	0.49	0.58	0.60	0.71
		PI	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.77	2.78	2.77	2.77	2.77	2.77	2.77	2.77	2.77
	59°F 15°C	TC	38987	39926	41331	41580	43253	41366	41384	41590	41670	43302	43084	43130	43148	43149	43434	46374	46386	46477	46488	46533
		S/T	0.88	1.00	1.00	1.00	1.00	0.70	0.83	0.94	0.97	1.00	0.58	0.71	0.81	0.83	0.96	0.39	0.50	0.59	0.61	0.73
		PI	2.97	2.98	2.99	2.99	3.00	2.99	2.99	2.99	2.99	3.00	3.00	3.00	3.00	3.00	3.00	3.02	3.02	3.02	3.02	3.01
	68°F 20°C	TC	38258	39492	40945	41204	42936	40649	40662	40980	41248	42984	42418	42453	42465	42466	42950	45803	45818	45891	45900	45933
		S/T	0.91	1.00	1.00	1.00	1.00	0.72	0.85	0.97	1.00	1.00	0.59	0.72	0.84	0.86	0.99	0.40	0.50	0.61	0.62	0.75
		PI	3.17	3.19	3.20	3.21	3.22	3.20	3.20	3.20	3.21	3.23	3.22	3.22	3.22	3.22	3.23	3.26	3.26	3.26	3.26	3.26
	77°F 25°C	TC	37459	38894	40402	40670	42468	39895	39913	40372	40718	42518	41716	41764	41783	41831	42556	45180	45221	45323	45334	45383
		S/T	0.92	1.00	1.00	1.00	1.00	0.72	0.87	0.99	1.00	1.00	0.59	0.73	0.85	0.86	1.00	0.40	0.51	0.61	0.63	0.76
		PI	3.40	3.41	3.43	3.43	3.45	3.43	3.42	3.43	3.43	3.45	3.44	3.44	3.44	3.44	3.45	3.48	3.48	3.48	3.48	3.48
	82°F 27.8°C	TC	36758	38317	39844	40115	41939	39184	39248	39892	40164	41987	41018	41072	41093	41157	42025	44491	44548	44659	44671	44724
		S/T	0.94	1.00	1.00	1.00	1.00	0.73	0.87	1.00	1.00	1.00	0.60	0.74	0.86	0.87	1.00	0.40	0.51	0.62	0.63	0.76
		PI	3.53	3.55	3.57	3.57	3.58	3.56	3.56	3.57	3.57	3.59	3.58	3.58	3.58	3.58	3.59	3.62	3.62	3.61	3.61	3.61
	86°F 30°C	TC	35847	37507	39029	39298	41130	38214	38294	39076	39345	41162	40037	40084	40148	40184	41200	43479	43541	43643	43655	43700
		S/T	0.95	1.00	1.00	1.00	1.00	0.74	0.88	1.00	1.00	1.00	0.60	0.75	0.86	0.88	1.00	0.40	0.51	0.62	0.64	0.77
		PI	3.65	3.67	3.69	3.69	3.72	3.68	3.68	3.69	3.69	3.71	3.70	3.70	3.70	3.70	3.71	3.75	3.75	3.74	3.74	3.74
	95°F 35°C	TC	34235	34296	35033	35239	36621	36425	36434	36446	36448	36695	37998	38002	38021	38024	38041	41020	41005	41009	41007	41038
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.84	0.86	0.96	0.54	0.65	0.73	0.75	0.85	0.39				

Table 27 – 48K Cooling — D5CURA + D5FULA (60C) (Continued)

Airflow CFM	Out- door DB °F	ID WB °F	60.8°F (16.0°C)					64.4°F (16.0°C)					67.0°F (19.4°C)					71.6°F (22.0°C)				
		ID DB °F	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C
1050	-13°F 25°C	TC	38758	38741	39293	39456	40542	40439	40405	40380	40376	40343	41648	41595	41556	41550	41511	43930	43919	43828	43812	43719
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.85	0.86	0.97	0.55	0.65	0.74	0.76	0.86	0.39	0.47	0.56	0.57	0.67
		PI	1.79	1.79	1.79	1.79	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.79	1.79	1.79	1.79	1.79
	-4°F 20°C	TC	41740	41721	42316	42491	43661	43549	43514	43486	43482	43446	44852	44795	44753	44746	44704	47310	47297	47200	47182	47082
		S/T	0.80	0.92	1.00	1.00	1.00	0.65	0.76	0.85	0.87	0.98	0.55	0.65	0.74	0.76	0.86	0.39	0.48	0.56	0.57	0.67
		PI	1.85	1.86	1.85	1.85	1.85	1.84	1.85	1.85	1.85	1.85	1.84	1.84	1.84	1.84	1.84	1.85	1.85	1.85	1.85	1.85
	0°F 17.8°C	TC	43125	43100	43899	44083	45293	44975	44925	44890	44885	45336	46297	46231	46173	46167	46145	48786	48775	48771	48778	48809
		S/T	0.81	0.93	1.00	1.00	1.00	0.66	0.77	0.86	0.88	1.00	0.55	0.66	0.75	0.77	0.87	0.39	0.48	0.57	0.58	0.68
		PI	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.89	1.89	1.89	1.89	1.89
	5°F 15°C	TC	44362	44514	45532	45742	47151	46442	46454	46457	46505	47198	47927	47939	47949	47951	48014	50738	50723	50749	50755	50777
		S/T	0.82	0.94	1.00	1.00	1.00	0.66	0.78	0.87	0.88	1.00	0.56	0.67	0.76	0.78	0.88	0.39	0.48	0.57	0.59	0.69
		PI	1.89	1.89	1.89	1.89	1.90	1.89	1.89	1.89	1.89	1.90	1.91	1.91	1.91	1.91	1.91	1.95	1.95	1.95	1.95	1.95
	14°F 10°C	TC	44493	44470	45378	45591	47005	46702	46661	46629	46624	47060	48302	48241	48192	48185	48136	51360	51344	51246	51228	51119
		S/T	0.81	0.93	1.00	1.00	1.00	0.65	0.76	0.86	0.87	1.00	0.55	0.66	0.75	0.76	0.87	0.39	0.48	0.56	0.57	0.67
		PI	1.89	1.89	1.89	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.89	1.89	1.89	1.89	1.89
	17°F 10°C	TC	44432	44577	45607	45830	47318	46644	46663	46672	46711	47369	48236	48254	48273	48275	48335	51300	51286	51278	51288	51330
		S/T	0.82	0.93	1.00	1.00	1.00	0.66	0.77	0.87	0.88	1.00	0.55	0.66	0.76	0.77	0.87	0.39	0.48	0.57	0.58	0.68
		PI	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.89	1.89	1.89	1.89	1.89
	23°F 5°C	TC	43814	44002	45140	45363	46858	46032	46046	46051	46111	46908	47620	47636	47649	47650	47727	50634	50619	50655	50662	50691
		S/T	0.83	0.95	1.00	1.00	1.00	0.66	0.78	0.88	0.89	1.00	0.56	0.67	0.76	0.78	0.89	0.39	0.48	0.57	0.59	0.69
		PI	2.05	2.05	2.06	2.06	2.08	2.07	2.07	2.07	2.07	2.08	2.08	2.08	2.08	2.08	2.08	2.12	2.12	2.12	2.12	2.12
	35°F 1.7°C	TC	42983	42984	43237	43357	44756	44992	44990	44994	44994	45114	46400	46397	46399	46401	46405	49013	49001	48999	48997	49001
		S/T	0.78	0.88	0.97	0.99	1.00	0.63	0.73	0.82	0.83	0.93	0.54	0.63	0.72	0.73	0.83	0.39	0.46	0.54	0.56	0.65
		PI	2.26	2.26	2.28	2.29	2.38	2.40	2.40	2.40	2.40	2.41	2.51	2.51	2.51	2.51	2.51	2.72	2.72	2.72	2.72	2.72
	41°F 5°C	TC	47839	47840	48221	48556	49991	50064	50063	50066	50066	50242	51626	51623	51626	51626	51630	54523	54509	54506	54503	54509
		S/T	0.78	0.89	0.98	1.00	1.00	0.64	0.74	0.83	0.84	0.94	0.54	0.64	0.72	0.74	0.84	0.39	0.47	0.55	0.56	0.66
		PI	2.68	2.68	2.71	2.73	2.84	2.85	2.85	2.85	2.85	2.86	2.98	2.98	2.98	2.98	2.98	3.24	3.24	3.24	3.24	3.24
	47°F 8.3°C	TC	52697	52732	53439	53678	55266	55140	55138	55140	55139	55395	56853	56848	56852	56851	56851	60036	60021	60015	60013	60019
		S/T	0.79	0.90	1.00	1.00	1.00	0.64	0.75	0.84	0.85	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.67
		PI	3.10	3.10	3.15	3.18	3.31	3.30	3.30	3.30	3.30	3.32	3.45	3.45	3.45	3.45	3.45	3.76	3.76	3.76	3.76	3.76
	50°F 10°C	TC	51432	52848	54631	54948	57078	54335	54365	54741	54913	57132	56455	56528	56558	56561	57105	60346	60505	60661	60679	60756
		S/T	0.90	1.00	1.00	1.00	1.00	0.71	0.85	0.96	0.99	1.00	0.59	0.72	0.83	0.85	0.99	0.40	0.50	0.60	0.62	0.74
		PI	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.54	3.54	3.54	3.54	3.54
	59°F 15°C	TC	50470	52240	54095	54424	56638	53399	53472	54079	54482	56694	55602	55659	55678	55759	56741	59706	59825	59945	59958	60008
		S/T	0.92	1.00	1.00	1.00	1.00	0.73	0.86	1.00	1.00	1.00	0.60	0.73	0.85	0.86	1.00	0.40	0.51	0.61	0.63	0.76
		PI	3.80	3.81	3.82	3.82	3.83	3.82	3.82	3.82	3.82	3.84	3.83	3.83	3.83	3.83	3.84	3.86	3.86	3.85	3.85	3.85
	68°F 20°C	TC	49490	51602	53516	53856	56141	52393	52511	53574	53915	56197	54658	54699	54797	54845	56244	58894	59003	59096	59105	59136
		S/T	0.95	1.00	1.00	1.00	1.00	0.74	0.89	1.00	1.00	1.00	0.61	0.75	0.87	0.89	1.00	0.40	0.51	0.63	0.65	0.78
		PI	4.05	4.08	4.10	4.10	4.13	4.09	4.09	4.10	4.10	4.13	4.12	4.12	4.12	4.12	4.13	4.17	4.17	4.17	4.17	4.16
	77°F 25°C	TC	48477	50811	52800	53151	55526	51392	51555	52857	53211	55582	53719	53780	53917	53977	55629	58019	58195	58330	58344	58398
		S/T	0.97	1.00	1.00	1.00	1.00	0.75	0.90	1.00	1.00	1.00	0.61	0.76	0.88	0.90	1.00	0.40	0.52	0.63	0.65	0.79
		PI	4.34	4.37	4.39	4.39	4.41	4.38	4.38	4.39	4.39	4.41	4.40	4.40	4.40	4.40	4.41	4.45	4.45	4.45	4.44	4.44
	82°F 27.8°C	TC	47607	50037	52055	52408	54808	50448	50643	52101	52467	54866	52795	52862	53026	53092	54914	57083	57297	57447	57462	57524
		S/T	0.99	1.00	1.00	1.00	1.00	0.76	0.91	1.00	1.00	1.00	0.62	0.77	0.89	0.92	1.00	0.40	0.52	0.64	0.66	0.80
		PI	4.52	4.54	4.57	4.57	4.59	4.55	4.55	4.56	4.57	4.59	4.57	4.57	4.57	4.57	4.59	4.63	4.62	4.62	4.62	4.61
	86°F 30°C	TC	46677	49008	51012	51368	53760	49225	49452	51069	51426	53816	51558	51617	51806	51881	53862	55817	56033	56166	56180	56232
		S/T	1.00	1.00	1.00	1.00	1.00	0.77	0.93	1.00	1.00	1.00	0.62	0.78	0.91	0.93	1.00	0.40	0.52	0.64	0.66	0.81
		PI	4.67	4.70	4.72	4.72	4.75	4.70	4.70	4.72	4.72	4.75	4.73	4.73	4.73	4.73	4.75	4.79	4.79	4.78	4.78	4.78
	95°F 35°C	TC	44228	44467	45904	46176	48001	47005	47032	47047	47103	48061	49022	49032	49062	49067	49148	52824	52803	52814	52829	52900
		S/T	0.83	0.95	1.00	1.00	1.00	0.66	0.78	0.88	0.89	1.00	0.56	0.67	0.76	0.78	0.88	0.39	0.			

Table 28 – 48K Cooling — D5CURA + D5FULA (60D)

Airflow CFM	Out- door DB °F	ID WB °F	60.8°F (16.0°C)					64.4°F (16.0°C)					67.0°F (19.4°C)					71.6°F (22.0°C)				
		ID DB °F	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C
790	-13°F 25°C	TC	29987	29977	29968	30143	31030	31308	31290	31276	31274	31252	32242	32225	32204	32200	32178	34011	34002	33977	33969	33918
		S/T	0.77	0.88	0.97	1.00	1.00	0.63	0.73	0.81	0.83	0.93	0.54	0.63	0.71	0.73	0.83	0.39	0.46	0.54	0.56	0.65
		PI	1.41	1.41	1.41	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.39	1.39	1.39	1.39	1.39	1.40	1.40	1.40	1.40	1.40
	-4°F 20°C	TC	32294	32283	32274	32461	33417	33716	33697	33682	33680	33656	34722	34704	34681	34677	34653	36628	36618	36591	36582	36527
		S/T	0.78	0.88	0.97	1.00	1.00	0.63	0.73	0.82	0.83	0.93	0.54	0.64	0.72	0.73	0.83	0.39	0.47	0.55	0.56	0.65
		PI	1.46	1.46	1.46	1.45	1.45	1.44	1.44	1.45	1.45	1.45	1.44	1.44	1.44	1.44	1.44	1.45	1.45	1.45	1.45	1.45
	0°F 17.8°C	TC	33360	33345	33474	33730	34664	34814	34788	34768	34765	34759	35835	35815	35782	35777	35745	37767	37756	37757	37762	37790
		S/T	0.78	0.89	0.99	1.00	1.00	0.64	0.74	0.83	0.84	0.95	0.54	0.64	0.73	0.74	0.84	0.39	0.47	0.55	0.57	0.66
		PI	1.47	1.47	1.47	1.47	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.47	1.47	1.48	1.48	1.48	1.48
	5°F 15°C	TC	34341	34372	34835	34995	36065	35974	35982	35985	35986	36163	37151	37148	37158	37159	37164	39371	39360	39360	39363	39385
		S/T	0.79	0.90	1.00	1.00	1.00	0.64	0.75	0.84	0.85	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.66
		PI	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.49	1.49	1.49	1.49	1.49	1.49	1.52	1.52	1.52	1.52	1.52
	14°F 10°C	TC	34416	34404	34546	34848	35930	36144	36123	36106	36103	36084	37393	37375	37347	37342	37310	39744	39732	39703	39695	39634
		S/T	0.78	0.89	0.99	1.00	1.00	0.64	0.74	0.82	0.84	0.94	0.54	0.64	0.72	0.74	0.83	0.39	0.47	0.55	0.56	0.65
		PI	1.48	1.48	1.48	1.48	1.48	1.47	1.47	1.47	1.47	1.48	1.47	1.47	1.47	1.47	1.47	1.48	1.48	1.48	1.48	1.48
	17°F 10°C	TC	34484	34493	34916	35117	36248	36216	36219	36227	36228	36399	37371	37385	37409	37411	37421	39856	39844	39848	39856	39893
		S/T	0.79	0.89	1.00	1.00	1.00	0.64	0.74	0.83	0.85	0.95	0.55	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.66
		PI	1.47	1.47	1.47	1.47	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.47	1.47	1.47	1.47	1.48
	23°F 5°C	TC	33917	33964	34517	34686	35820	35658	35667	35672	35672	35883	36915	36914	36925	36927	36933	39295	39283	39285	39290	39317
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.84	0.86	0.97	0.54	0.65	0.74	0.75	0.85	0.39	0.47	0.56	0.57	0.66
		PI	1.61	1.61	1.61	1.61	1.62	1.62	1.62	1.62	1.62	1.62	1.63	1.63	1.63	1.63	1.63	1.66	1.66	1.66	1.66	1.66
	35°F 1.7°C	TC	33249	33250	33314	33351	34208	34844	34839	34840	34842	34842	35964	35961	35957	35957	35961	38047	38038	38030	38035	38028
		S/T	0.75	0.85	0.93	0.94	1.00	0.62	0.71	0.79	0.80	0.89	0.53	0.62	0.69	0.71	0.80	0.39	0.46	0.53	0.54	0.63
		PI	1.77	1.77	1.78	1.78	1.84	1.88	1.88	1.88	1.88	1.88	1.96	1.96	1.96	1.96	1.96	2.13	2.13	2.13	2.13	2.13
	41°F 5°C	TC	37008	37008	37111	37161	38216	38774	38770	38771	38772	38806	40015	40011	40007	40008	40012	42319	42309	42300	42304	42298
		S/T	0.76	0.86	0.94	0.96	1.00	0.62	0.72	0.80	0.81	0.90	0.53	0.62	0.70	0.71	0.81	0.39	0.46	0.53	0.55	0.64
		PI	2.10	2.10	2.11	2.11	2.19	2.23	2.23	2.23	2.23	2.23	2.33	2.33	2.33	2.33	2.33	2.54	2.54	2.54	2.54	2.54
	47°F 8.3°C	TC	40766	40766	40923	40994	42255	42705	42699	42701	42701	42765	44065	44061	44057	44058	44060	46594	46582	46579	46578	46571
		S/T	0.77	0.87	0.95	0.97	1.00	0.63	0.72	0.81	0.82	0.91	0.53	0.63	0.71	0.72	0.82	0.39	0.46	0.54	0.55	0.64
		PI	2.42	2.42	2.43	2.44	2.54	2.58	2.58	2.58	2.58	2.59	2.70	2.70	2.70	2.70	2.70	2.95	2.95	2.95	2.95	2.94
	50°F 10°C	TC	39755	40404	41754	41993	43602	42091	42116	42252	42306	43653	43748	43804	43830	43833	44030	46900	46923	47036	47049	47112
		S/T	0.87	1.00	1.00	1.00	1.00	0.69	0.81	0.92	0.94	1.00	0.57	0.69	0.80	0.81	0.93	0.39	0.49	0.58	0.60	0.71
		PI	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.77	2.78	2.77	2.77	2.77	2.77	2.77	2.77	2.77
	59°F 15°C	TC	38987	39926	41331	41580	43253	41366	41384	41590	41670	43302	43084	43130	43148	43149	43434	46374	46386	46477	46488	46533
		S/T	0.88	1.00	1.00	1.00	1.00	0.70	0.83	0.94	0.97	1.00	0.58	0.71	0.81	0.83	0.96	0.39	0.50	0.59	0.61	0.73
		PI	2.97	2.98	2.99	2.99	3.00	2.99	2.99	2.99	2.99	3.00	3.00	3.00	3.00	3.00	3.00	3.02	3.02	3.02	3.02	3.01
	68°F 20°C	TC	38258	39492	40945	41204	42936	40649	40662	40980	41248	42984	42418	42453	42465	42466	42950	45803	45818	45891	45900	45933
		S/T	0.91	1.00	1.00	1.00	1.00	0.72	0.85	0.97	1.00	1.00	0.59	0.72	0.84	0.86	0.99	0.40	0.50	0.61	0.62	0.75
		PI	3.17	3.19	3.20	3.21	3.22	3.20	3.20	3.20	3.21	3.23	3.22	3.22	3.22	3.22	3.23	3.26	3.26	3.26	3.26	3.26
	77°F 25°C	TC	37459	38894	40402	40670	42468	39895	39913	40372	40718	42518	41716	41764	41783	41831	42556	45180	45221	45323	45334	45383
		S/T	0.92	1.00	1.00	1.00	1.00	0.72	0.87	0.99	1.00	1.00	0.59	0.73	0.85	0.86	1.00	0.40	0.51	0.61	0.63	0.76
		PI	3.40	3.41	3.43	3.43	3.45	3.43	3.42	3.43	3.43	3.45	3.44	3.44	3.44	3.44	3.45	3.48	3.48	3.48	3.48	3.48
	82°F 27.8°C	TC	36758	38317	39844	40115	41939	39184	39248	39892	40164	41987	41018	41072	41093	41157	42025	44491	44548	44659	44671	44724
		S/T	0.94	1.00	1.00	1.00	1.00	0.73	0.87	1.00	1.00	1.00	0.60	0.74	0.86	0.87	1.00	0.40	0.51	0.62	0.63	0.76
		PI	3.53	3.55	3.57	3.57	3.58	3.56	3.56	3.57	3.57	3.59	3.58	3.58	3.58	3.58	3.59	3.62	3.62	3.61	3.61	3.61
	86°F 30°C	TC	35847	37507	39029	39298	41130	38214	38294	39076	39345	41162	40037	40084	40148	40184	41200	43479	43541	43643	43655	43700
		S/T	0.95	1.00	1.00	1.00	1.00	0.74	0.88	1.00	1.00	1.00</										

Table 28 – 48K Cooling — D5CURA + D5FULA (60D) (Continued)

Airflow CFM	Out- door DB °F	ID WB °F	60.8°F (16.0°C)					64.4°F (16.0°C)					67.0°F (19.4°C)					71.6°F (22.0°C)				
		ID DB °F	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C
1050	-13°F 25°C	TC	38758	38741	39293	39456	40542	40439	40405	40380	40376	40343	41648	41595	41556	41550	41511	43930	43919	43828	43812	43719
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.85	0.86	0.97	0.55	0.65	0.74	0.76	0.86	0.39	0.47	0.56	0.57	0.67
		PI	1.79	1.79	1.79	1.79	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.79	1.79	1.79	1.79	1.79
	-4°F 20°C	TC	41740	41721	42316	42491	43661	43549	43514	43486	43482	43446	44852	44795	44753	44746	44704	47310	47297	47200	47182	47082
		S/T	0.80	0.92	1.00	1.00	1.00	0.65	0.76	0.85	0.87	0.98	0.55	0.65	0.74	0.76	0.86	0.39	0.48	0.56	0.57	0.67
		PI	1.85	1.86	1.85	1.85	1.85	1.84	1.85	1.85	1.85	1.85	1.84	1.84	1.84	1.84	1.84	1.85	1.85	1.85	1.85	1.85
	0°F 17.8°C	TC	43125	43100	43899	44083	45293	44975	44925	44890	44885	45336	46297	46231	46173	46167	46145	48786	48775	48771	48778	48809
		S/T	0.81	0.93	1.00	1.00	1.00	0.66	0.77	0.86	0.88	1.00	0.55	0.66	0.75	0.77	0.87	0.39	0.48	0.57	0.58	0.68
		PI	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.89	1.89	1.89	1.89	1.89
	5°F 15°C	TC	44362	44514	45532	45742	47151	46442	46454	46457	46505	47198	47927	47939	47949	47951	48014	50738	50723	50749	50755	50777
		S/T	0.82	0.94	1.00	1.00	1.00	0.66	0.78	0.87	0.88	1.00	0.56	0.67	0.76	0.78	0.88	0.39	0.48	0.57	0.59	0.69
		PI	1.89	1.89	1.89	1.89	1.90	1.89	1.89	1.89	1.89	1.90	1.91	1.91	1.91	1.91	1.91	1.95	1.95	1.95	1.95	1.95
	14°F 10°C	TC	44493	44470	45378	45591	47005	46702	46661	46629	46624	47060	48302	48241	48192	48185	48136	51360	51344	51246	51228	51119
		S/T	0.81	0.93	1.00	1.00	1.00	0.65	0.76	0.86	0.87	1.00	0.55	0.66	0.75	0.76	0.87	0.39	0.48	0.56	0.57	0.67
		PI	1.89	1.89	1.89	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.89	1.89	1.89	1.89	1.89
	17°F 10°C	TC	44432	44577	45607	45830	47318	46644	46663	46672	46711	47369	48236	48254	48273	48275	48335	51300	51286	51278	51288	51330
		S/T	0.82	0.93	1.00	1.00	1.00	0.66	0.77	0.87	0.88	1.00	0.55	0.66	0.76	0.77	0.87	0.39	0.48	0.57	0.58	0.68
		PI	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.89	1.89	1.89	1.89	1.89
	23°F 5°C	TC	43814	44002	45140	45363	46858	46032	46046	46051	46111	46908	47620	47636	47649	47650	47727	50634	50619	50655	50662	50691
		S/T	0.83	0.95	1.00	1.00	1.00	0.66	0.78	0.88	0.89	1.00	0.56	0.67	0.76	0.78	0.89	0.39	0.48	0.57	0.59	0.69
		PI	2.05	2.05	2.06	2.06	2.08	2.07	2.07	2.07	2.07	2.08	2.08	2.08	2.08	2.08	2.08	2.12	2.12	2.12	2.12	2.12
	35°F 1.7°C	TC	42983	42984	43237	43357	44756	44992	44990	44994	44994	45114	46400	46397	46399	46401	46405	49013	49001	48999	48997	49001
		S/T	0.78	0.88	0.97	0.99	1.00	0.63	0.73	0.82	0.83	0.93	0.54	0.63	0.72	0.73	0.83	0.39	0.46	0.54	0.56	0.65
		PI	2.26	2.26	2.28	2.29	2.38	2.40	2.40	2.40	2.40	2.41	2.51	2.51	2.51	2.51	2.51	2.72	2.72	2.72	2.72	2.72
	41°F 5°C	TC	47839	47840	48221	48556	49991	50064	50063	50066	50066	50242	51626	51623	51626	51626	51630	54523	54509	54506	54503	54509
		S/T	0.78	0.89	0.98	1.00	1.00	0.64	0.74	0.83	0.84	0.94	0.54	0.64	0.72	0.74	0.84	0.39	0.47	0.55	0.56	0.66
		PI	2.68	2.68	2.71	2.73	2.84	2.85	2.85	2.85	2.85	2.86	2.98	2.98	2.98	2.98	2.98	3.24	3.24	3.24	3.24	3.24
	47°F 8.3°C	TC	52697	52732	53439	53678	55266	55140	55138	55140	55139	55395	56853	56848	56852	56851	56851	60036	60021	60015	60013	60019
		S/T	0.79	0.90	1.00	1.00	1.00	0.64	0.75	0.84	0.85	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.67
		PI	3.10	3.10	3.15	3.18	3.31	3.30	3.30	3.30	3.30	3.32	3.45	3.45	3.45	3.45	3.45	3.76	3.76	3.76	3.76	3.76
	50°F 10°C	TC	51432	52848	54631	54948	57078	54335	54365	54741	54913	57132	56455	56528	56558	56561	57105	60346	60505	60661	60679	60756
		S/T	0.90	1.00	1.00	1.00	1.00	0.71	0.85	0.96	0.99	1.00	0.59	0.72	0.83	0.85	0.99	0.40	0.50	0.60	0.62	0.74
		PI	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.54	3.54	3.54	3.54	3.54
	59°F 15°C	TC	50470	52240	54095	54424	56638	53399	53472	54079	54482	56694	55602	55659	55678	55759	56741	59706	59825	59945	59958	60008
		S/T	0.92	1.00	1.00	1.00	1.00	0.73	0.86	1.00	1.00	1.00	0.60	0.73	0.85	0.86	1.00	0.40	0.51	0.61	0.63	0.76
		PI	3.80	3.81	3.82	3.82	3.83	3.82	3.82	3.82	3.82	3.84	3.83	3.83	3.83	3.83	3.84	3.86	3.86	3.85	3.85	3.85
	68°F 20°C	TC	49490	51602	53516	53856	56141	52393	52511	53574	53915	56197	54658	54699	54797	54845	56244	58894	59003	59096	59105	59136
		S/T	0.95	1.00	1.00	1.00	1.00	0.74	0.89	1.00	1.00	1.00	0.61	0.75	0.87	0.89	1.00	0.40	0.51	0.63	0.65	0.78
		PI	4.05	4.08	4.10	4.10	4.13	4.09	4.09	4.10	4.10	4.13	4.12	4.12	4.12	4.12	4.13	4.17	4.17	4.17	4.17	4.16
	77°F 25°C	TC	48477	50811	52800	53151	55526	51392	51555	52857	53211	55582	53719	53780	53917	53977	55629	58019	58195	58330	58344	58398
		S/T	0.97	1.00	1.00	1.00	1.00	0.75	0.90	1.00	1.00	1.00	0.61	0.76	0.88	0.90	1.00	0.40	0.52	0.63	0.65	0.79
		PI	4.34	4.37	4.39	4.39	4.41	4.38	4.38	4.39	4.39	4.41	4.40	4.40	4.40	4.40	4.41	4.45	4.45	4.45	4.44	4.44
	82°F 27.8°C	TC	47607	50037	52055	52408	54808	50448	50643	52101	52467	54866	52795	52862	53026	53092	54914	57083	57297	57447	57462	57524
		S/T	0.99	1.00	1.00	1.00	1.00	0.76	0.91	1.00	1.00	1.00	0.62	0.77	0.89	0.92	1.00	0.40	0.52	0.64	0.66	0.80
		PI	4.52	4.54	4.57	4.57	4.59	4.55	4.55	4.56	4.57	4.59	4.57	4.57	4.57	4.57	4.59	4.63	4.62	4.62	4.62	4.61
	86°F 30°C	TC	46677	49008	51012	51368	53760	49225	49452	51069	51426	53816	51558	51617	51806	51881	53862	55817	56033	56166	56180	56232
		S/T	1.00	1.00	1.00	1.00	1.00	0.77	0.93	1.												

Table 29 – 54K Cooling — D5CURA + D5FULA (60C)

Airflow CFM	Out- door DB °F	ID WB °F	60.8°F (16.0°C)					64.4°F (16.0°C)					67.0°F (19.4°C)					71.6°F (22.0°C)				
		ID DB °F	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C
785	-13°F 25°C	TC	37474	37461	37450	37668	38777	39124	39102	39085	39082	39055	40292	40271	40244	40239	40212	42503	42491	42460	42449	42386
		S/T	0.77	0.88	0.97	1.00	1.00	0.63	0.73	0.81	0.83	0.93	0.54	0.63	0.71	0.73	0.83	0.39	0.46	0.54	0.56	0.65
		PI	2.10	2.10	2.10	2.09	2.09	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.09	2.09
	-4°F 20°C	TC	40357	40342	40331	40566	41760	42133	42110	42091	42088	42059	43391	43368	43340	43335	43305	45772	45760	45726	45715	45647
		S/T	0.78	0.88	0.97	1.00	1.00	0.63	0.73	0.82	0.83	0.93	0.54	0.64	0.72	0.73	0.83	0.39	0.47	0.55	0.56	0.65
		PI	2.17	2.17	2.17	2.17	2.16	2.16	2.16	2.16	2.16	2.16	2.15	2.15	2.15	2.15	2.15	2.16	2.16	2.16	2.16	2.16
	0°F 17.8°C	TC	41688	41670	41831	42150	43318	43506	43473	43448	43444	43437	44782	44756	44716	44709	44670	47196	47182	47184	47189	47224
		S/T	0.78	0.89	0.99	1.00	1.00	0.64	0.74	0.83	0.84	0.95	0.54	0.64	0.73	0.74	0.84	0.39	0.47	0.55	0.57	0.66
		PI	2.19	2.19	2.19	2.19	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.19	2.20	2.20	2.20	2.20	2.20
	5°F 15°C	TC	42915	42953	43532	43732	45069	44955	44965	44970	44970	45192	46427	46423	46435	46436	46442	49201	49186	49187	49190	49218
		S/T	0.79	0.90	1.00	1.00	1.00	0.64	0.75	0.84	0.85	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.66
		PI	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.22	2.23	2.23	2.23	2.23	2.23	2.27	2.27	2.27	2.27	2.27
	14°F 10°C	TC	42889	42873	43050	43427	44774	45042	45016	44994	44991	44967	46598	46576	46540	46534	46495	49528	49513	49477	49466	49390
		S/T	0.78	0.89	0.99	1.00	1.00	0.64	0.74	0.82	0.84	0.94	0.54	0.64	0.72	0.74	0.83	0.39	0.47	0.55	0.56	0.65
		PI	2.79	2.79	2.79	2.79	2.78	2.78	2.78	2.78	2.78	2.78	2.77	2.77	2.77	2.77	2.77	2.78	2.78	2.78	2.78	2.78
	17°F 10°C	TC	42934	42944	43471	43721	45129	45089	45093	45103	45104	45317	46527	46545	46575	46577	46589	49622	49606	49612	49621	49667
		S/T	0.79	0.89	1.00	1.00	1.00	0.64	0.74	0.83	0.85	0.95	0.55	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.66
		PI	2.96	2.96	2.96	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.97	2.97	2.97	2.97	2.97
	23°F 5°C	TC	42215	42274	42961	43172	44583	44382	44393	44399	44400	44663	45947	45945	45959	45961	45969	48909	48894	48896	48902	48936
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.84	0.86	0.97	0.54	0.65	0.74	0.75	0.85	0.39	0.47	0.56	0.57	0.66
		PI	3.25	3.25	3.25	3.26	3.27	3.27	3.27	3.27	3.27	3.27	3.29	3.29	3.29	3.29	3.29	3.35	3.35	3.35	3.35	3.35
	35°F 1.7°C	TC	41359	41360	41440	41486	42552	43343	43337	43339	43340	43341	44736	44733	44728	44728	44733	47327	47316	47306	47312	47304
		S/T	0.75	0.85	0.93	0.94	1.00	0.62	0.71	0.79	0.80	0.89	0.53	0.62	0.69	0.71	0.80	0.39	0.46	0.53	0.54	0.63
		PI	3.59	3.59	3.60	3.60	3.71	3.80	3.80	3.80	3.80	3.80	3.96	3.96	3.96	3.96	3.97	4.31	4.31	4.31	4.31	4.31
	41°F 5°C	TC	39964	39965	40076	40130	41269	41872	41867	41869	41869	41906	43212	43207	43204	43204	43209	45700	45689	45679	45684	45678
		S/T	0.76	0.86	0.94	0.96	1.00	0.62	0.72	0.80	0.81	0.90	0.53	0.62	0.70	0.71	0.81	0.39	0.46	0.53	0.55	0.64
		PI	2.85	2.85	2.86	2.87	2.97	3.03	3.03	3.03	3.03	3.03	3.17	3.17	3.17	3.16	3.17	3.45	3.45	3.45	3.45	3.45
	47°F 8.3°C	TC	38565	38566	38714	38781	39975	40400	40395	40396	40396	40457	41687	41683	41679	41680	41682	44079	44068	44065	44064	44057
		S/T	0.77	0.87	0.95	0.97	1.00	0.63	0.72	0.81	0.82	0.91	0.53	0.63	0.71	0.72	0.82	0.39	0.46	0.54	0.55	0.64
		PI	2.12	2.12	2.13	2.14	2.23	2.26	2.26	2.26	2.26	2.27	2.37	2.37	2.37	2.37	2.37	2.58	2.58	2.58	2.58	2.58
	50°F 10°C	TC	37507	38120	39394	39619	41137	39711	39735	39864	39915	41185	41275	41328	41352	41355	41541	44248	44270	44377	44390	44449
		S/T	0.87	1.00	1.00	1.00	1.00	0.69	0.81	0.92	0.94	1.00	0.57	0.69	0.80	0.81	0.93	0.39	0.49	0.58	0.60	0.71
		PI	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42
	59°F 15°C	TC	36478	37356	38671	38903	40469	38704	38721	38913	38988	40515	40311	40354	40370	40372	40639	43389	43401	43486	43496	43538
		S/T	0.88	1.00	1.00	1.00	1.00	0.70	0.83	0.94	0.97	1.00	0.58	0.71	0.81	0.83	0.96	0.39	0.50	0.59	0.61	0.73
		PI	2.56	2.57	2.57	2.58	2.58	2.58	2.57	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.60	2.60	2.60	2.60	2.60
	68°F 20°C	TC	35487	36631	37979	38219	39826	37704	37716	38011	38259	39870	39345	39378	39389	39390	39838	42485	42499	42567	42575	42605
		S/T	0.91	1.00	1.00	1.00	1.00	0.72	0.85	0.97	1.00	1.00	0.59	0.72	0.84	0.86	0.99	0.40	0.50	0.61	0.62	0.75
		PI	2.70	2.72	2.73	2.73	2.75	2.73	2.73	2.73	2.73	2.75	2.75	2.75	2.75	2.75	2.75	2.78	2.78	2.78	2.78	2.78
	77°F 25°C	TC	34432	35751	37138	37384	39037	36671	36689	37110	37429	39083	38345	38389	38407	38452	39118	41530	41568	41661	41671	41716
		S/T	0.92	1.00	1.00	1.00	1.00	0.72	0.87	0.99	1.00	1.00	0.59	0.73	0.85	0.86	1.00	0.40	0.51	0.61	0.63	0.76
		PI	2.87	2.88	2.90	2.90	2.91	2.89	2.89	2.90	2.90	2.91	2.91	2.91	2.91	2.91	2.91	2.94	2.94	2.94	2.94	2.94
	82°F 27.8°C	TC	34120	35567	36984	37236	38929	36372	36431	37029	37281	38973	38074	38124	38143	38203	39009	41298	41350	41454	41465	41515
		S/T	0.94	1.00	1.00	1.00	1.00	0.73	0.87	1.00	1.00	1.00	0.60	0.74	0.86	0.87	1.00	0.40	0.51	0.62	0.63	0.76
		PI	3.16	3.17	3.19	3.19	3.20	3.18	3.18	3.19	3.19	3.20	3.20	3.20	3.20	3.20	3.20	3.23	3.23	3.23	3.23	3.23

Table 29 – 54K Cooling — D5CURA + D5FULA (60C) (Continued)

Airflow CFM	Out- door DB °F	ID WB °F	60.8°F (16.0°C)					64.4°F (16.0°C)					67.0°F (19.4°C)					71.6°F (22.0°C)				
		ID DB °F	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C	73.4°F 23.0°C	77.0°F 25.0°C	80.0°F 26.7°C	80.6°F 27.0°C	84.2°F 29.0°C
1047	-13°F 25°C	TC	48604	48582	49275	49479	50841	50711	50669	50637	50633	50591	52227	52162	52112	52105	52055	55090	55075	54962	54941	54825
		S/T	0.80	0.91	1.00	1.00	1.00	0.65	0.75	0.85	0.86	0.97	0.55	0.65	0.74	0.76	0.86	0.39	0.47	0.56	0.57	0.67
		PI	2.68	2.68	2.68	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.66	2.66	2.66	2.66	2.67	2.68	2.68	2.68	2.68	2.68
	-4°F 20°C	TC	52343	52319	53065	53285	54752	54612	54567	54533	54528	54482	56245	56174	56121	56113	56059	59328	59311	59190	59168	59042
		S/T	0.80	0.92	1.00	1.00	1.00	0.65	0.76	0.85	0.87	0.98	0.55	0.65	0.74	0.76	0.86	0.39	0.48	0.56	0.57	0.67
		PI	2.78	2.78	2.77	2.77	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.77	2.77	2.78	2.78	2.78
	0°F 17.8°C	TC	54080	54048	55051	55281	56799	56400	56337	56293	56287	56853	58057	57975	57903	57894	57866	61179	61165	61160	61168	61208
		S/T	0.81	0.93	1.00	1.00	1.00	0.66	0.77	0.86	0.88	1.00	0.55	0.66	0.75	0.77	0.87	0.39	0.48	0.57	0.58	0.68
		PI	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.83	2.83	2.83	2.83	2.83
	5°F 15°C	TC	55630	55822	57098	57361	59129	58240	58254	58258	58318	59187	60102	60117	60130	60131	60211	63627	63608	63641	63648	63676
		S/T	0.82	0.94	1.00	1.00	1.00	0.66	0.78	0.87	0.88	1.00	0.56	0.67	0.76	0.78	0.88	0.39	0.48	0.57	0.59	0.69
		PI	2.82	2.82	2.83	2.83	2.84	2.83	2.83	2.84	2.84	2.84	2.85	2.85	2.86	2.86	2.86	2.92	2.92	2.92	2.92	2.92
	14°F 10°C	TC	55639	55611	56746	57012	58780	58402	58350	58310	58304	58850	60402	60327	60265	60256	60195	64227	64207	64084	64062	63925
		S/T	0.81	0.93	1.00	1.00	1.00	0.65	0.76	0.86	0.87	1.00	0.55	0.66	0.75	0.76	0.87	0.39	0.48	0.56	0.57	0.67
		PI	3.57	3.57	3.56	3.56	3.56	3.55	3.56	3.56	3.56	3.56	3.55	3.55	3.55	3.55	3.55	3.57	3.57	3.57	3.57	3.57
	17°F 10°C	TC	55512	55693	56980	57258	59118	58275	58299	58310	58359	59181	60264	60287	60311	60313	60388	64092	64074	64065	64077	64130
		S/T	0.82	0.93	1.00	1.00	1.00	0.66	0.77	0.87	0.88	1.00	0.55	0.66	0.76	0.77	0.87	0.39	0.48	0.57	0.58	0.68
		PI	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.79	3.79	3.79	3.82	3.82	3.82	3.82	3.82
	23°F 5°C	TC	54723	54959	56380	56659	58526	57494	57512	57518	57593	58589	59477	59498	59513	59515	59611	63243	63223	63268	63276	63313
		S/T	0.83	0.95	1.00	1.00	1.00	0.66	0.78	0.88	0.89	1.00	0.56	0.67	0.76	0.78	0.89	0.39	0.48	0.57	0.59	0.69
		PI	4.16	4.16	4.18	4.18	4.20	4.19	4.19	4.19	4.19	4.20	4.22	4.22	4.22	4.22	4.22	4.30	4.30	4.30	4.30	4.30
	35°F 1.7°C	TC	53654	53655	53971	54121	55867	56162	56159	56164	56164	56314	57920	57916	57919	57920	57926	61181	61166	61163	61161	61166
		S/T	0.78	0.88	0.97	0.99	1.00	0.63	0.73	0.82	0.83	0.93	0.54	0.63	0.72	0.73	0.83	0.39	0.46	0.54	0.56	0.65
		PI	4.60	4.60	4.63	4.64	4.84	4.87	4.87	4.87	4.87	4.89	5.08	5.08	5.08	5.08	5.08	5.53	5.53	5.53	5.52	5.53
	41°F 5°C	TC	51842	51843	52255	52618	54174	54253	54252	54254	54255	54445	55945	55942	55945	55946	55949	59084	59070	59066	59063	59070
		S/T	0.78	0.89	0.98	1.00	1.00	0.64	0.74	0.83	0.84	0.94	0.54	0.64	0.72	0.74	0.84	0.39	0.47	0.55	0.56	0.66
		PI	3.65	3.65	3.69	3.72	3.87	3.88	3.88	3.88	3.88	3.90	4.06	4.06	4.06	4.06	4.06	4.42	4.42	4.42	4.42	4.42
	47°F 8.3°C	TC	50027	50060	50731	50958	52466	52346	52345	52346	52345	52588	53972	53967	53971	53970	53970	56994	56979	56975	56972	56978
		S/T	0.79	0.90	1.00	1.00	1.00	0.64	0.75	0.84	0.85	0.96	0.54	0.65	0.73	0.75	0.85	0.39	0.47	0.55	0.57	0.67
		PI	2.72	2.72	2.77	2.79	2.91	2.90	2.90	2.90	2.90	2.92	3.03	3.03	3.03	3.03	3.03	3.31	3.31	3.31	3.31	3.31
	50°F 10°C	TC	48694	50034	51723	52022	54039	51443	51471	51827	51990	54091	53450	53519	53547	53551	54065	57134	57285	57432	57449	57521
		S/T	0.90	1.00	1.00	1.00	1.00	0.71	0.85	0.96	0.99	1.00	0.59	0.72	0.83	0.85	0.99	0.40	0.50	0.60	0.62	0.74
		PI	3.11	3.11	3.11	3.11	3.10	3.11	3.11	3.11	3.11	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10
	59°F 15°C	TC	47386	49049	50790	51099	53178	50137	50205	50775	51153	53231	52205	52258	52276	52352	53274	56058	56170	56282	56295	56342
		S/T	0.92	1.00	1.00	1.00	1.00	0.73	0.86	1.00	1.00	1.00	0.60	0.73	0.85	0.86	1.00	0.40	0.51	0.61	0.63	0.76
		PI	3.29	3.30	3.31	3.31	3.32	3.30	3.30	3.31	3.31	3.32	3.31	3.31	3.31	3.31	3.32	3.34	3.33	3.33	3.33	3.33
	68°F 20°C	TC	46065	48031	49812	50129	52256	48767	48877	49866	50183	52308	50875	50914	51005	51050	52351	54818	54920	55006	55015	55044
		S/T	0.95	1.00	1.00	1.00	1.00	0.74	0.89	1.00	1.00	1.00	0.61	0.75	0.87	0.89	1.00	0.40	0.51	0.63	0.65	0.78
		PI	3.47	3.49	3.51	3.51	3.53	3.50	3.50	3.51	3.51	3.53	3.52	3.52	3.52	3.52	3.53	3.57	3.57	3.57	3.57	3.56
	77°F 25°C	TC	44716	46869	48703	49028	51218	47405	47555	48757	49082	51270	49552	49607	49734	49790	51313	53518	53680	53804	53818	53868
		S/T	0.97	1.00	1.00	1.00	1.00	0.75	0.90	1.00	1.00	1.00	0.61	0.76	0.88	0.90	1.00	0.40	0.52	0.63	0.65	0.79
		PI	3.68	3.70	3.72	3.72	3.74	3.71	3.71	3.72	3.72	3.74	3.73	3.73	3.73	3.73	3.74	3.78	3.77	3.77	3.77	3.77
	82°F 27.8°C	TC	44344	46608	48488	48817	51052	46991	47173	48530	48871	51106	49177	49239	49392	49453	51151	53171	53371	53510	53524	53582
		S/T	0.99	1.00	1.00	1.00	1.00	0.76	0.91	1.00	1.00	1.00	0.62</									

HEATING PERFORMANCE - D5CURA + D5FULA

Extrapolated Data: The highlighted data is tested; other data is simulated and for reference.

Table 31 – 18K Heating — D5CURA + D5FULA (24A)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
441	-13°F (-25.0°C)	21790	21354	21248	21163	20972	3.85	3.88	3.89	3.90	3.92
	-4°F (-20.0°C)	28725	28150	28010	27897	27646	4.53	4.56	4.57	4.58	4.60
	0°F (-17.8°C)	31967	31327	31171	31046	30767	4.61	4.65	4.66	4.67	4.69
	5°F (-15.0°C)	36019	35299	35122	34982	34667	4.72	4.76	4.77	4.78	4.80
	14°F (-10.0°C)	36761	36026	35846	35702	35381	4.49	4.53	4.54	4.55	4.57
	17°F (-8.3°C)	37008	36268	36087	35942	35619	4.42	4.45	4.46	4.47	4.49
	22°F (-5.6°C)	36786	36051	35870	35727	35405	4.25	4.29	4.30	4.31	4.32
	27°F (-2.8°C)	36564	35833	35654	35511	35192	4.09	4.13	4.13	4.14	4.16
	32°F (0.0°C)	36343	35616	35438	35296	34978	3.93	3.96	3.97	3.98	3.99
	35°F (1.7°C)	36209	35485	35308	35167	34850	3.83	3.86	3.87	3.88	3.89
	37°F (2.8°C)	40230	39425	39228	39071	38719	3.96	3.99	4.00	4.01	4.03
	42°F (5.6°C)	50281	49275	49029	48833	48393	4.28	4.32	4.33	4.34	4.35
	44.6°F (7.0°C)	54301	53215	52949	52737	52262	4.41	4.45	4.46	4.47	4.48
	47°F (8.3°C)	60332	59125	58829	58594	58067	4.61	4.64	4.65	4.66	4.68
	52°F (11.1°C)	58887	57709	57421	57191	56676	4.31	4.34	4.35	4.36	4.38
	57F (13.9°C)	57443	56294	56012	55788	55286	4.01	4.04	4.05	4.06	4.07
	59°F (15.0°C)	56865	55728	55449	55227	54730	3.89	3.92	3.93	3.93	3.95
	62°F (16.7°C)	55998	54878	54604	54385	53896	3.71	3.74	3.75	3.75	3.77
	64.4°F (18.0°C)	55305	54199	53928	53712	53229	3.56	3.59	3.60	3.61	3.62
	69.8°F (21.0°C)	58377	57210	56924	56696	56186	3.24	3.27	3.27	3.28	3.29
	75.2°F (24.0°C)	52232	51188	50932	50728	50272	2.92	2.94	2.95	2.95	2.96
617	-13°F (-25.0°C)	8919	8741	8697	8662	8584	1.58	1.59	1.59	1.60	1.60
	-4°F (-20.0°C)	10522	10311	10260	10219	10127	1.64	1.65	1.66	1.66	1.67
	0°F (-17.8°C)	11352	11125	11070	11025	10926	1.68	1.69	1.69	1.70	1.70
	5°F (-15.0°C)	12390	12143	12082	12034	11925	1.72	1.74	1.74	1.74	1.75
	14°F (-10.0°C)	14157	13873	13804	13749	13625	1.74	1.75	1.76	1.76	1.77
	17°F (-8.3°C)	14745	14450	14378	14321	14192	1.74	1.76	1.76	1.76	1.77
	22°F (-5.6°C)	15088	14787	14713	14654	14522	1.75	1.76	1.77	1.77	1.78
	27°F (-2.8°C)	15432	15123	15047	14987	14852	1.76	1.77	1.78	1.78	1.79
	32°F (0.0°C)	15775	15459	15382	15320	15182	1.76	1.78	1.78	1.79	1.79
	35°F (1.7°C)	15981	15661	15583	15520	15381	1.77	1.78	1.79	1.79	1.80
	37°F (2.8°C)	16815	16479	16396	16331	16184	1.76	1.77	1.78	1.78	1.79
	42°F (5.6°C)	18901	18523	18431	18357	18192	1.74	1.75	1.76	1.76	1.77
	44.6°F (7.0°C)	19736	19341	19245	19168	18995	1.73	1.74	1.75	1.75	1.76
	47°F (8.3°C)	20988	20568	20465	20383	20200	1.72	1.73	1.73	1.74	1.74
	52°F (11.1°C)	19632	19240	19144	19067	18895	1.61	1.62	1.63	1.63	1.64
	57F (13.9°C)	18277	17911	17822	17751	17591	1.50	1.52	1.52	1.52	1.53
	59°F (15.0°C)	17735	17380	17293	17224	17069	1.46	1.47	1.48	1.48	1.48
	62°F (16.7°C)	16922	16583	16500	16434	16286	1.40	1.41	1.41	1.41	1.42
	64.4°F (18.0°C)	16271	15946	15866	15802	15660	1.35	1.36	1.36	1.36	1.37
	69.8°F (21.0°C)	14807	14511	14438	14381	14251	1.23	1.24	1.24	1.25	1.25
	75.2°F (24.0°C)	13343	13076	13011	12959	12842	1.11	1.12	1.13	1.13	1.13

Table 32 – 18K Heating — D5CURA + D5FULA (24B)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
441	-13°F (-25.0°C)	21790	21354	21248	21163	20972	3.85	3.88	3.89	3.90	3.92
	-4°F (-20.0°C)	28725	28150	28010	27897	27646	4.53	4.56	4.57	4.58	4.60
	0°F (-17.8°C)	31967	31327	31171	31046	30767	4.61	4.65	4.66	4.67	4.69
	5°F (-15.0°C)	36019	35299	35122	34982	34667	4.72	4.76	4.77	4.78	4.80
	14°F (-10.0°C)	36761	36026	35846	35702	35381	4.49	4.53	4.54	4.55	4.57
	17°F (-8.3°C)	37008	36268	36087	35942	35619	4.42	4.45	4.46	4.47	4.49
	22°F (-5.6°C)	36786	36051	35870	35727	35405	4.25	4.29	4.30	4.31	4.32
	27°F (-2.8°C)	36564	35833	35654	35511	35192	4.09	4.13	4.13	4.14	4.16
	32°F (0.0°C)	36343	35616	35438	35296	34978	3.93	3.96	3.97	3.98	3.99
	35°F (1.7°C)	36209	35485	35308	35167	34850	3.83	3.86	3.87	3.88	3.89
	37°F (2.8°C)	40230	39425	39228	39071	38719	3.96	3.99	4.00	4.01	4.03
	42°F (5.6°C)	50281	49275	49029	48833	48393	4.28	4.32	4.33	4.34	4.35
	44.6°F (7.0°C)	54301	53215	52949	52737	52262	4.41	4.45	4.46	4.47	4.48
	47°F (8.3°C)	60332	59125	58829	58594	58067	4.61	4.64	4.65	4.66	4.68
	52°F (11.1°C)	58887	57709	57421	57191	56676	4.31	4.34	4.35	4.36	4.38
	57°F (13.9°C)	57443	56294	56012	55788	55286	4.01	4.04	4.05	4.06	4.07
	59°F (15.0°C)	56865	55728	55449	55227	54730	3.89	3.92	3.93	3.93	3.95
	62°F (16.7°C)	55998	54878	54604	54385	53896	3.71	3.74	3.75	3.75	3.77
	64.4°F (18.0°C)	55305	54199	53928	53712	53229	3.56	3.59	3.60	3.61	3.62
	69.8°F (21.0°C)	58377	57210	56924	56696	56186	3.24	3.27	3.27	3.28	3.29
	75.2°F (24.0°C)	52232	51188	50932	50728	50272	2.92	2.94	2.95	2.95	2.96
617	-13°F (-25.0°C)	8919	8741	8697	8662	8584	1.58	1.59	1.59	1.60	1.60
	-4°F (-20.0°C)	10522	10311	10260	10219	10127	1.64	1.65	1.66	1.66	1.67
	0°F (-17.8°C)	11352	11125	11070	11025	10926	1.68	1.69	1.69	1.70	1.70
	5°F (-15.0°C)	12390	12143	12082	12034	11925	1.72	1.74	1.74	1.74	1.75
	14°F (-10.0°C)	14157	13873	13804	13749	13625	1.74	1.75	1.76	1.76	1.77
	17°F (-8.3°C)	14745	14450	14378	14321	14192	1.74	1.76	1.76	1.76	1.77
	22°F (-5.6°C)	15088	14787	14713	14654	14522	1.75	1.76	1.77	1.77	1.78
	27°F (-2.8°C)	15432	15123	15047	14987	14852	1.76	1.77	1.78	1.78	1.79
	32°F (0.0°C)	15775	15459	15382	15320	15182	1.76	1.78	1.78	1.79	1.79
	35°F (1.7°C)	15981	15661	15583	15520	15381	1.77	1.78	1.79	1.79	1.80
	37°F (2.8°C)	16815	16479	16396	16331	16184	1.76	1.77	1.78	1.78	1.79
	42°F (5.6°C)	18901	18523	18431	18357	18192	1.74	1.75	1.76	1.76	1.77
	44.6°F (7.0°C)	19736	19341	19245	19168	18995	1.73	1.74	1.75	1.75	1.76
	47°F (8.3°C)	20988	20568	20465	20383	20200	1.72	1.73	1.73	1.74	1.74
	52°F (11.1°C)	19632	19240	19144	19067	18895	1.61	1.62	1.63	1.63	1.64
	57°F (13.9°C)	18277	17911	17822	17751	17591	1.50	1.52	1.52	1.52	1.53
	59°F (15.0°C)	17735	17380	17293	17224	17069	1.46	1.47	1.48	1.48	1.48
	62°F (16.7°C)	16922	16583	16500	16434	16286	1.40	1.41	1.41	1.41	1.42
	64.4°F (18.0°C)	16271	15946	15866	15802	15660	1.35	1.36	1.36	1.36	1.37
	69.8°F (21.0°C)	14807	14511	14438	14381	14251	1.23	1.24	1.24	1.25	1.25
	75.2°F (24.0°C)	13343	13076	13011	12959	12842	1.11	1.12	1.13	1.13	1.13

Table 33 – 24K Heating — D5CURA + D5FULA (24A)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
529	-13°F (-25.0°C)	21790	21354	21248	21163	20972	3.85	3.88	3.89	3.90	3.92
	-4°F (-20.0°C)	28725	28150	28010	27897	27646	4.53	4.56	4.57	4.58	4.60
	0°F (-17.8°C)	31967	31327	31171	31046	30767	4.61	4.65	4.66	4.67	4.69
	5°F (-15.0°C)	36019	35299	35122	34982	34667	4.72	4.76	4.77	4.78	4.80
	14°F (-10.0°C)	36761	36026	35846	35702	35381	4.49	4.53	4.54	4.55	4.57
	17°F (-8.3°C)	37008	36268	36087	35942	35619	4.42	4.45	4.46	4.47	4.49
	22°F (-5.6°C)	36786	36051	35870	35727	35405	4.25	4.29	4.30	4.31	4.32
	27°F (-2.8°C)	36564	35833	35654	35511	35192	4.09	4.13	4.13	4.14	4.16
	32°F (0.0°C)	36343	35616	35438	35296	34978	3.93	3.96	3.97	3.98	3.99
	35°F (1.7°C)	36209	35485	35308	35167	34850	3.83	3.86	3.87	3.88	3.89
	37°F (2.8°C)	40230	39425	39228	39071	38719	3.96	3.99	4.00	4.01	4.03
	42°F (5.6°C)	50281	49275	49029	48833	48393	4.28	4.32	4.33	4.34	4.35
	44.6°F (7.0°C)	54301	53215	52949	52737	52262	4.41	4.45	4.46	4.47	4.48
	47°F (8.3°C)	60332	59125	58829	58594	58067	4.61	4.64	4.65	4.66	4.68
	52°F (11.1°C)	58887	57709	57421	57191	56676	4.31	4.34	4.35	4.36	4.38
	57F (13.9°C)	57443	56294	56012	55788	55286	4.01	4.04	4.05	4.06	4.07
	59°F (15.0°C)	56865	55728	55449	55227	54730	3.89	3.92	3.93	3.93	3.95
	62°F (16.7°C)	55998	54878	54604	54385	53896	3.71	3.74	3.75	3.75	3.77
	64.4°F (18.0°C)	55305	54199	53928	53712	53229	3.56	3.59	3.60	3.61	3.62
	69.8°F (21.0°C)	58377	57210	56924	56696	56186	3.24	3.27	3.27	3.28	3.29
	75.2°F (24.0°C)	52232	51188	50932	50728	50272	2.92	2.94	2.95	2.95	2.96
706	-13°F (-25.0°C)	16379	16052	15972	15908	15765	2.84	2.86	2.86	2.87	2.88
	-4°F (-20.0°C)	19452	19063	18967	18891	18721	2.91	2.94	2.94	2.95	2.96
	0°F (-17.8°C)	20760	20344	20243	20162	19980	2.74	2.77	2.77	2.78	2.79
	5°F (-15.0°C)	22394	21947	21837	21749	21554	2.53	2.55	2.56	2.56	2.57
	14°F (-10.0°C)	23499	23029	22914	22822	22617	2.97	2.99	3.00	3.01	3.02
	17°F (-8.3°C)	23868	23390	23273	23180	22972	3.12	3.14	3.15	3.15	3.17
	22°F (-5.6°C)	23912	23434	23317	23224	23015	2.98	3.00	3.01	3.02	3.03
	27°F (-2.8°C)	23957	23478	23360	23267	23058	2.84	2.87	2.87	2.88	2.89
	32°F (0.0°C)	24002	23522	23404	23310	23101	2.71	2.73	2.74	2.74	2.75
	35°F (1.7°C)	24029	23548	23430	23336	23126	2.63	2.65	2.65	2.66	2.67
	37°F (2.8°C)	25179	24675	24552	24453	24233	2.66	2.68	2.68	2.69	2.70
	42°F (5.6°C)	28054	27493	27355	27246	27001	2.74	2.76	2.76	2.77	2.78
	44.6°F (7.0°C)	29204	28620	28477	28363	28107	2.77	2.79	2.80	2.80	2.81
	47°F (8.3°C)	30929	30310	30159	30038	29768	2.82	2.84	2.84	2.85	2.86
	52°F (11.1°C)	29438	28849	28705	28590	28333	2.68	2.70	2.70	2.71	2.72
	57F (13.9°C)	27946	27388	27251	27142	26897	2.54	2.56	2.56	2.57	2.58
	59°F (15.0°C)	27350	26803	26669	26562	26323	2.48	2.50	2.50	2.51	2.52
	62°F (16.7°C)	26455	25926	25797	25693	25462	2.39	2.41	2.42	2.42	2.43
	64.4°F (18.0°C)	25740	25225	25099	24998	24773	2.33	2.35	2.35	2.36	2.37
	69.8°F (21.0°C)	24129	23647	23528	23434	23223	2.18	2.19	2.20	2.20	2.21
	75.2°F (24.0°C)	22519	22068	21958	21870	21673	2.02	2.04	2.05	2.05	2.06

Table 34 – 24K Heating — D5CURA + D5FULA (24B)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
529	-13°F (-25.0°C)	21790	21354	21248	21163	20972	3.85	3.88	3.89	3.90	3.92
	-4°F (-20.0°C)	28725	28150	28010	27897	27646	4.53	4.56	4.57	4.58	4.60
	0°F (-17.8°C)	31967	31327	31171	31046	30767	4.61	4.65	4.66	4.67	4.69
	5°F (-15.0°C)	36019	35299	35122	34982	34667	4.72	4.76	4.77	4.78	4.80
	14°F (-10.0°C)	36761	36026	35846	35702	35381	4.49	4.53	4.54	4.55	4.57
	17°F (-8.3°C)	37008	36268	36087	35942	35619	4.42	4.45	4.46	4.47	4.49
	22°F (-5.6°C)	36786	36051	35870	35727	35405	4.25	4.29	4.30	4.31	4.32
	27°F (-2.8°C)	36564	35833	35654	35511	35192	4.09	4.13	4.13	4.14	4.16
	32°F (0.0°C)	36343	35616	35438	35296	34978	3.93	3.96	3.97	3.98	3.99
	35°F (1.7°C)	36209	35485	35308	35167	34850	3.83	3.86	3.87	3.88	3.89
	37°F (2.8°C)	40230	39425	39228	39071	38719	3.96	3.99	4.00	4.01	4.03
	42°F (5.6°C)	50281	49275	49029	48833	48393	4.28	4.32	4.33	4.34	4.35
	44.6°F (7.0°C)	54301	53215	52949	52737	52262	4.41	4.45	4.46	4.47	4.48
	47°F (8.3°C)	60332	59125	58829	58594	58067	4.61	4.64	4.65	4.66	4.68
	52°F (11.1°C)	58887	57709	57421	57191	56676	4.31	4.34	4.35	4.36	4.38
	57°F (13.9°C)	57443	56294	56012	55788	55286	4.01	4.04	4.05	4.06	4.07
	59°F (15.0°C)	56865	55728	55449	55227	54730	3.89	3.92	3.93	3.93	3.95
	62°F (16.7°C)	55998	54878	54604	54385	53896	3.71	3.74	3.75	3.75	3.77
	64.4°F (18.0°C)	55305	54199	53928	53712	53229	3.56	3.59	3.60	3.61	3.62
	69.8°F (21.0°C)	58377	57210	56924	56696	56186	3.24	3.27	3.27	3.28	3.29
	75.2°F (24.0°C)	52232	51188	50932	50728	50272	2.92	2.94	2.95	2.95	2.96
706	-13°F (-25.0°C)	16379	16052	15972	15908	15765	2.84	2.86	2.86	2.87	2.88
	-4°F (-20.0°C)	19452	19063	18967	18891	18721	2.91	2.94	2.94	2.95	2.96
	0°F (-17.8°C)	20760	20344	20243	20162	19980	2.74	2.77	2.77	2.78	2.79
	5°F (-15.0°C)	22394	21947	21837	21749	21554	2.53	2.55	2.56	2.56	2.57
	14°F (-10.0°C)	23499	23029	22914	22822	22617	2.97	2.99	3.00	3.01	3.02
	17°F (-8.3°C)	23868	23390	23273	23180	22972	3.12	3.14	3.15	3.15	3.17
	22°F (-5.6°C)	23912	23434	23317	23224	23015	2.98	3.00	3.01	3.02	3.03
	27°F (-2.8°C)	23957	23478	23360	23267	23058	2.84	2.87	2.87	2.88	2.89
	32°F (0.0°C)	24002	23522	23404	23310	23101	2.71	2.73	2.74	2.74	2.75
	35°F (1.7°C)	24029	23548	23430	23336	23126	2.63	2.65	2.65	2.66	2.67
	37°F (2.8°C)	25179	24675	24552	24453	24233	2.66	2.68	2.68	2.69	2.70
	42°F (5.6°C)	28054	27493	27355	27246	27001	2.74	2.76	2.76	2.77	2.78
	44.6°F (7.0°C)	29204	28620	28477	28363	28107	2.77	2.79	2.80	2.80	2.81
	47°F (8.3°C)	30929	30310	30159	30038	29768	2.82	2.84	2.84	2.85	2.86
	52°F (11.1°C)	29438	28849	28705	28590	28333	2.68	2.70	2.70	2.71	2.72
	57°F (13.9°C)	27946	27388	27251	27142	26897	2.54	2.56	2.56	2.57	2.58
	59°F (15.0°C)	27350	26803	26669	26562	26323	2.48	2.50	2.50	2.51	2.52
	62°F (16.7°C)	26455	25926	25797	25693	25462	2.39	2.41	2.42	2.42	2.43
	64.4°F (18.0°C)	25740	25225	25099	24998	24773	2.33	2.35	2.35	2.36	2.37
	69.8°F (21.0°C)	24129	23647	23528	23434	23223	2.18	2.19	2.20	2.20	2.21
	75.2°F (24.0°C)	22519	22068	21958	21870	21673	2.02	2.04	2.05	2.05	2.06

Table 35 – 30K Heating — D5CURA + D5FULA (36A)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
507	-13°F (-25.0°C)	21790	21354	21248	21163	20972	3.85	3.88	3.89	3.90	3.92
	-4°F (-20.0°C)	28725	28150	28010	27897	27646	4.53	4.56	4.57	4.58	4.60
	0°F (-17.8°C)	31967	31327	31171	31046	30767	4.61	4.65	4.66	4.67	4.69
	5°F (-15.0°C)	36019	35299	35122	34982	34667	4.72	4.76	4.77	4.78	4.80
	14°F (-10.0°C)	36761	36026	35846	35702	35381	4.49	4.53	4.54	4.55	4.57
	17°F (-8.3°C)	37008	36268	36087	35942	35619	4.42	4.45	4.46	4.47	4.49
	22°F (-5.6°C)	36786	36051	35870	35727	35405	4.25	4.29	4.30	4.31	4.32
	27°F (-2.8°C)	36564	35833	35654	35511	35192	4.09	4.13	4.13	4.14	4.16
	32°F (0.0°C)	36343	35616	35438	35296	34978	3.93	3.96	3.97	3.98	3.99
	35°F (1.7°C)	36209	35485	35308	35167	34850	3.83	3.86	3.87	3.88	3.89
	37°F (2.8°C)	40230	39425	39228	39071	38719	3.96	3.99	4.00	4.01	4.03
	42°F (5.6°C)	50281	49275	49029	48833	48393	4.28	4.32	4.33	4.34	4.35
	44.6°F (7.0°C)	54301	53215	52949	52737	52262	4.41	4.45	4.46	4.47	4.48
	47°F (8.3°C)	60332	59125	58829	58594	58067	4.61	4.64	4.65	4.66	4.68
	52°F (11.1°C)	58887	57709	57421	57191	56676	4.31	4.34	4.35	4.36	4.38
	57°F (13.9°C)	57443	56294	56012	55788	55286	4.01	4.04	4.05	4.06	4.07
	59°F (15.0°C)	56865	55728	55449	55227	54730	3.89	3.92	3.93	3.93	3.95
	62°F (16.7°C)	55998	54878	54604	54385	53896	3.71	3.74	3.75	3.75	3.77
	64.4°F (18.0°C)	55305	54199	53928	53712	53229	3.56	3.59	3.60	3.61	3.62
	69.8°F (21.0°C)	58377	57210	56924	56696	56186	3.24	3.27	3.27	3.28	3.29
	75.2°F (24.0°C)	52232	51188	50932	50728	50272	2.92	2.94	2.95	2.95	2.96
676	-13°F (-25.0°C)	14231	13946	13877	13821	13697	2.86	2.88	2.88	2.89	2.90
	-4°F (-20.0°C)	15802	15486	15409	15347	15209	2.83	2.85	2.86	2.86	2.87
	0°F (-17.8°C)	17799	17443	17356	17286	17131	2.89	2.91	2.92	2.92	2.93
	5°F (-15.0°C)	20295	19889	19790	19710	19533	2.97	2.99	3.00	3.00	3.01
	14°F (-10.0°C)	20578	20167	20066	19986	19806	2.85	2.87	2.87	2.88	2.89
	17°F (-8.3°C)	20673	20259	20158	20077	19897	2.81	2.83	2.83	2.84	2.85
	22°F (-5.6°C)	21088	20666	20563	20481	20296	2.79	2.81	2.81	2.82	2.83
	27°F (-2.8°C)	21503	21073	20967	20884	20696	2.77	2.79	2.79	2.80	2.81
	32°F (0.0°C)	21918	21480	21372	21287	21095	2.75	2.77	2.77	2.78	2.79
	35°F (1.7°C)	22167	21724	21615	21529	21335	2.74	2.76	2.76	2.77	2.78
	37°F (2.8°C)	23445	22976	22862	22770	22565	2.74	2.76	2.77	2.77	2.79
	42°F (5.6°C)	26641	26108	25978	25874	25641	2.76	2.78	2.78	2.79	2.80
	44.6°F (7.0°C)	27920	27361	27224	27115	26871	2.76	2.79	2.79	2.80	2.81
	47°F (8.3°C)	29837	29240	29094	28978	28717	2.77	2.79	2.80	2.81	2.82
	52°F (11.1°C)	28274	27708	27570	27459	27212	2.51	2.53	2.54	2.54	2.55
	57°F (13.9°C)	26710	26176	26045	25941	25707	2.25	2.27	2.27	2.28	2.29
	59°F (15.0°C)	26085	25563	25435	25333	25105	2.14	2.16	2.17	2.17	2.18
	62°F (16.7°C)	25146	24643	24520	24422	24202	1.99	2.00	2.01	2.01	2.02
	64.4°F (18.0°C)	24396	23908	23788	23693	23480	1.86	1.88	1.88	1.88	1.89
	69.8°F (21.0°C)	24525	24035	23915	23819	23605	1.58	1.59	1.60	1.60	1.61
	75.2°F (24.0°C)	21866	21429	21322	21236	21045	1.30	1.31	1.31	1.31	1.32

Table 36 – 30K Heating — D5CURA + D5FULA (36B)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
662	-13°F (-25.0°C)	21790	21354	21248	21163	20972	3.85	3.88	3.89	3.90	3.92
	-4°F (-20.0°C)	28725	28150	28010	27897	27646	4.53	4.56	4.57	4.58	4.60
	0°F (-17.8°C)	31967	31327	31171	31046	30767	4.61	4.65	4.66	4.67	4.69
	5°F (-15.0°C)	36019	35299	35122	34982	34667	4.72	4.76	4.77	4.78	4.80
	14°F (-10.0°C)	36761	36026	35846	35702	35381	4.49	4.53	4.54	4.55	4.57
	17°F (-8.3°C)	37008	36268	36087	35942	35619	4.42	4.45	4.46	4.47	4.49
	22°F (-5.6°C)	36786	36051	35870	35727	35405	4.25	4.29	4.30	4.31	4.32
	27°F (-2.8°C)	36564	35833	35654	35511	35192	4.09	4.13	4.13	4.14	4.16
	32°F (0.0°C)	36343	35616	35438	35296	34978	3.93	3.96	3.97	3.98	3.99
	35°F (1.7°C)	36209	35485	35308	35167	34850	3.83	3.86	3.87	3.88	3.89
	37°F (2.8°C)	40230	39425	39228	39071	38719	3.96	3.99	4.00	4.01	4.03
	42°F (5.6°C)	50281	49275	49029	48833	48393	4.28	4.32	4.33	4.34	4.35
	44.6°F (7.0°C)	54301	53215	52949	52737	52262	4.41	4.45	4.46	4.47	4.48
	47°F (8.3°C)	60332	59125	58829	58594	58067	4.61	4.64	4.65	4.66	4.68
	52°F (11.1°C)	58887	57709	57421	57191	56676	4.31	4.34	4.35	4.36	4.38
	57°F (13.9°C)	57443	56294	56012	55788	55286	4.01	4.04	4.05	4.06	4.07
	59°F (15.0°C)	56865	55728	55449	55227	54730	3.89	3.92	3.93	3.93	3.95
	62°F (16.7°C)	55998	54878	54604	54385	53896	3.71	3.74	3.75	3.75	3.77
	64.4°F (18.0°C)	55305	54199	53928	53712	53229	3.56	3.59	3.60	3.61	3.62
	69.8°F (21.0°C)	58377	57210	56924	56696	56186	3.24	3.27	3.27	3.28	3.29
	75.2°F (24.0°C)	52232	51188	50932	50728	50272	2.92	2.94	2.95	2.95	2.96
882	-13°F (-25.0°C)	15921	15603	15525	15463	15323	2.85	2.88	2.88	2.89	2.90
	-4°F (-20.0°C)	18468	18099	18009	17937	17775	2.83	2.85	2.86	2.87	2.88
	0°F (-17.8°C)	19747	19352	19255	19178	19005	2.94	2.96	2.97	2.97	2.99
	5°F (-15.0°C)	21345	20918	20813	20730	20543	3.07	3.10	3.11	3.11	3.12
	14°F (-10.0°C)	24237	23752	23633	23539	23327	2.94	2.97	2.97	2.98	2.99
	17°F (-8.3°C)	25201	24697	24573	24475	24255	2.90	2.92	2.93	2.93	2.94
	22°F (-5.6°C)	25035	24534	24411	24314	24095	2.90	2.92	2.93	2.93	2.94
	27°F (-2.8°C)	24868	24371	24249	24152	23935	2.89	2.92	2.92	2.93	2.94
	32°F (0.0°C)	24702	24208	24087	23991	23775	2.89	2.92	2.92	2.93	2.94
	35°F (1.7°C)	24602	24110	23990	23894	23679	2.89	2.92	2.92	2.93	2.94
	37°F (2.8°C)	26041	25520	25392	25291	25063	2.87	2.89	2.89	2.90	2.91
	42°F (5.6°C)	29636	29043	28898	28782	28523	2.80	2.82	2.83	2.83	2.84
	44.6°F (7.0°C)	31074	30453	30300	30179	29907	2.77	2.79	2.80	2.80	2.81
	47°F (8.3°C)	33231	32567	32404	32274	31984	2.73	2.75	2.76	2.76	2.77
	52°F (11.1°C)	30167	29564	29416	29299	29035	2.47	2.49	2.49	2.50	2.51
	57°F (13.9°C)	27104	26562	26429	26323	26086	2.20	2.22	2.23	2.23	2.24
	59°F (15.0°C)	25878	25361	25234	25133	24907	2.10	2.12	2.12	2.12	2.13
	62°F (16.7°C)	24040	23559	23441	23348	23137	1.94	1.96	1.96	1.96	1.97
	64.4°F (18.0°C)	22569	22118	22007	21919	21722	1.81	1.83	1.83	1.84	1.84
	69.8°F (21.0°C)	22800	22344	22233	22144	21944	1.53	1.54	1.55	1.55	1.56
	75.2°F (24.0°C)	24098	23617	23498	23404	23194	1.25	1.26	1.26	1.26	1.27

Table 37 – 30K Heating — D5CURA + D5FULA (36C)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
662	-13°F (-25.0°C)	21790	21354	21248	21163	20972	3.85	3.88	3.89	3.90	3.92
	-4°F (-20.0°C)	28725	28150	28010	27897	27646	4.53	4.56	4.57	4.58	4.60
	0°F (-17.8°C)	31967	31327	31171	31046	30767	4.61	4.65	4.66	4.67	4.69
	5°F (-15.0°C)	36019	35299	35122	34982	34667	4.72	4.76	4.77	4.78	4.80
	14°F (-10.0°C)	36761	36026	35846	35702	35381	4.49	4.53	4.54	4.55	4.57
	17°F (-8.3°C)	37008	36268	36087	35942	35619	4.42	4.45	4.46	4.47	4.49
	22°F (-5.6°C)	36786	36051	35870	35727	35405	4.25	4.29	4.30	4.31	4.32
	27°F (-2.8°C)	36564	35833	35654	35511	35192	4.09	4.13	4.13	4.14	4.16
	32°F (0.0°C)	36343	35616	35438	35296	34978	3.93	3.96	3.97	3.98	3.99
	35°F (1.7°C)	36209	35485	35308	35167	34850	3.83	3.86	3.87	3.88	3.89
	37°F (2.8°C)	40230	39425	39228	39071	38719	3.96	3.99	4.00	4.01	4.03
	42°F (5.6°C)	50281	49275	49029	48833	48393	4.28	4.32	4.33	4.34	4.35
	44.6°F (7.0°C)	54301	53215	52949	52737	52262	4.41	4.45	4.46	4.47	4.48
	47°F (8.3°C)	60332	59125	58829	58594	58067	4.61	4.64	4.65	4.66	4.68
	52°F (11.1°C)	58887	57709	57421	57191	56676	4.31	4.34	4.35	4.36	4.38
	57°F (13.9°C)	57443	56294	56012	55788	55286	4.01	4.04	4.05	4.06	4.07
	59°F (15.0°C)	56865	55728	55449	55227	54730	3.89	3.92	3.93	3.93	3.95
	62°F (16.7°C)	55998	54878	54604	54385	53896	3.71	3.74	3.75	3.75	3.77
	64.4°F (18.0°C)	55305	54199	53928	53712	53229	3.56	3.59	3.60	3.61	3.62
	69.8°F (21.0°C)	58377	57210	56924	56696	56186	3.24	3.27	3.27	3.28	3.29
	75.2°F (24.0°C)	52232	51188	50932	50728	50272	2.92	2.94	2.95	2.95	2.96
882	-13°F (-25.0°C)	15921	15603	15525	15463	15323	2.85	2.88	2.88	2.89	2.90
	-4°F (-20.0°C)	18468	18099	18009	17937	17775	2.83	2.85	2.86	2.87	2.88
	0°F (-17.8°C)	19747	19352	19255	19178	19005	2.94	2.96	2.97	2.97	2.99
	5°F (-15.0°C)	21345	20918	20813	20730	20543	3.07	3.10	3.11	3.11	3.12
	14°F (-10.0°C)	24237	23752	23633	23539	23327	2.94	2.97	2.97	2.98	2.99
	17°F (-8.3°C)	25201	24697	24573	24475	24255	2.90	2.92	2.93	2.93	2.94
	22°F (-5.6°C)	25035	24534	24411	24314	24095	2.90	2.92	2.93	2.93	2.94
	27°F (-2.8°C)	24868	24371	24249	24152	23935	2.89	2.92	2.92	2.93	2.94
	32°F (0.0°C)	24702	24208	24087	23991	23775	2.89	2.92	2.92	2.93	2.94
	35°F (1.7°C)	24602	24110	23990	23894	23679	2.89	2.92	2.92	2.93	2.94
	37°F (2.8°C)	26041	25520	25392	25291	25063	2.87	2.89	2.89	2.90	2.91
	42°F (5.6°C)	29636	29043	28898	28782	28523	2.80	2.82	2.83	2.83	2.84
	44.6°F (7.0°C)	31074	30453	30300	30179	29907	2.77	2.79	2.80	2.80	2.81
	47°F (8.3°C)	33231	32567	32404	32274	31984	2.73	2.75	2.76	2.76	2.77
	52°F (11.1°C)	30167	29564	29416	29299	29035	2.47	2.49	2.49	2.50	2.51
	57°F (13.9°C)	27104	26562	26429	26323	26086	2.20	2.22	2.23	2.23	2.24
	59°F (15.0°C)	25878	25361	25234	25133	24907	2.10	2.12	2.12	2.12	2.13
	62°F (16.7°C)	24040	23559	23441	23348	23137	1.94	1.96	1.96	1.96	1.97
	64.4°F (18.0°C)	22569	22118	22007	21919	21722	1.81	1.83	1.83	1.84	1.84
	69.8°F (21.0°C)	22800	22344	22233	22144	21944	1.53	1.54	1.55	1.55	1.56
	75.2°F (24.0°C)	24098	23617	23498	23404	23194	1.25	1.26	1.26	1.26	1.27

Table 38 – 36K Heating — D5CURA + D5FULA (36A)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
525	-13°F (-25.0°C)	21790	21354	21248	21163	20972	3.85	3.88	3.89	3.90	3.92
	-4°F (-20.0°C)	28725	28150	28010	27897	27646	4.53	4.56	4.57	4.58	4.60
	0°F (-17.8°C)	31967	31327	31171	31046	30767	4.61	4.65	4.66	4.67	4.69
	5°F (-15.0°C)	36019	35299	35122	34982	34667	4.72	4.76	4.77	4.78	4.80
	14°F (-10.0°C)	36761	36026	35846	35702	35381	4.49	4.53	4.54	4.55	4.57
	17°F (-8.3°C)	37008	36268	36087	35942	35619	4.42	4.45	4.46	4.47	4.49
	22°F (-5.6°C)	36786	36051	35870	35727	35405	4.25	4.29	4.30	4.31	4.32
	27°F (-2.8°C)	36564	35833	35654	35511	35192	4.09	4.13	4.13	4.14	4.16
	32°F (0.0°C)	36343	35616	35438	35296	34978	3.93	3.96	3.97	3.98	3.99
	35°F (1.7°C)	36209	35485	35308	35167	34850	3.83	3.86	3.87	3.88	3.89
	37°F (2.8°C)	40230	39425	39228	39071	38719	3.96	3.99	4.00	4.01	4.03
	42°F (5.6°C)	50281	49275	49029	48833	48393	4.28	4.32	4.33	4.34	4.35
	44.6°F (7.0°C)	54301	53215	52949	52737	52262	4.41	4.45	4.46	4.47	4.48
	47°F (8.3°C)	60332	59125	58829	58594	58067	4.61	4.64	4.65	4.66	4.68
	52°F (11.1°C)	58887	57709	57421	57191	56676	4.31	4.34	4.35	4.36	4.38
	57°F (13.9°C)	57443	56294	56012	55788	55286	4.01	4.04	4.05	4.06	4.07
	59°F (15.0°C)	56865	55728	55449	55227	54730	3.89	3.92	3.93	3.93	3.95
	62°F (16.7°C)	55998	54878	54604	54385	53896	3.71	3.74	3.75	3.75	3.77
	64.4°F (18.0°C)	55305	54199	53928	53712	53229	3.56	3.59	3.60	3.61	3.62
	69.8°F (21.0°C)	58377	57210	56924	56696	56186	3.24	3.27	3.27	3.28	3.29
	75.2°F (24.0°C)	52232	51188	50932	50728	50272	2.92	2.94	2.95	2.95	2.96
700	-13°F (-25.0°C)	19293	18907	18813	18738	18569	3.36	3.39	3.40	3.40	3.42
	-4°F (-20.0°C)	23286	22820	22706	22615	22412	3.67	3.70	3.70	3.71	3.73
	0°F (-17.8°C)	26642	26109	25979	25875	25642	4.08	4.12	4.13	4.13	4.15
	5°F (-15.0°C)	30837	30220	30069	29949	29680	4.61	4.65	4.65	4.66	4.68
	14°F (-10.0°C)	33385	32717	32554	32423	32132	4.60	4.63	4.64	4.65	4.67
	17°F (-8.3°C)	34234	33549	33382	33248	32949	4.59	4.63	4.64	4.65	4.67
	22°F (-5.6°C)	31809	31173	31017	30893	30615	4.21	4.25	4.25	4.26	4.28
	27°F (-2.8°C)	29384	28796	28652	28537	28281	3.83	3.86	3.87	3.88	3.89
	32°F (0.0°C)	26958	26419	26287	26182	25946	3.45	3.48	3.49	3.49	3.51
	35°F (1.7°C)	25503	24993	24868	24769	24546	3.22	3.25	3.26	3.26	3.27
	37°F (2.8°C)	27801	27245	27108	27000	26757	3.34	3.37	3.38	3.38	3.40
	42°F (5.6°C)	33544	32874	32709	32578	32285	3.65	3.68	3.69	3.69	3.71
	44.6°F (7.0°C)	35842	35125	34949	34810	34496	3.77	3.80	3.81	3.82	3.83
	47°F (8.3°C)	39288	38502	38310	38157	37813	3.95	3.98	3.99	4.00	4.02
	52°F (11.1°C)	40585	39773	39574	39416	39061	3.79	3.82	3.83	3.84	3.86
	57°F (13.9°C)	41882	41044	40839	40675	40309	3.64	3.67	3.67	3.68	3.70
	59°F (15.0°C)	42400	41552	41344	41179	40808	3.57	3.60	3.61	3.62	3.63
	62°F (16.7°C)	43178	42315	42103	41935	41557	3.48	3.51	3.51	3.52	3.53
	64.4°F (18.0°C)	43801	42925	42710	42539	42156	3.40	3.43	3.44	3.44	3.46
	69.8°F (21.0°C)	43529	42659	42445	42275	41895	3.23	3.26	3.26	3.27	3.28
	75.2°F (24.0°C)	33914	33235	33069	32937	32640	3.06	3.09	3.09	3.10	3.11

Table 39 – 36K Heating — D5CURA + D5FULA (36B)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
684	-13°F (-25.0°C)	21790	21354	21248	21163	20972	3.85	3.88	3.89	3.90	3.92
	-4°F (-20.0°C)	28725	28150	28010	27897	27646	4.53	4.56	4.57	4.58	4.60
	0°F (-17.8°C)	31967	31327	31171	31046	30767	4.61	4.65	4.66	4.67	4.69
	5°F (-15.0°C)	36019	35299	35122	34982	34667	4.72	4.76	4.77	4.78	4.80
	14°F (-10.0°C)	36761	36026	35846	35702	35381	4.49	4.53	4.54	4.55	4.57
	17°F (-8.3°C)	37008	36268	36087	35942	35619	4.42	4.45	4.46	4.47	4.49
	22°F (-5.6°C)	36786	36051	35870	35727	35405	4.25	4.29	4.30	4.31	4.32
	27°F (-2.8°C)	36564	35833	35654	35511	35192	4.09	4.13	4.13	4.14	4.16
	32°F (0.0°C)	36343	35616	35438	35296	34978	3.93	3.96	3.97	3.98	3.99
	35°F (1.7°C)	36209	35485	35308	35167	34850	3.83	3.86	3.87	3.88	3.89
	37°F (2.8°C)	40230	39425	39228	39071	38719	3.96	3.99	4.00	4.01	4.03
	42°F (5.6°C)	50281	49275	49029	48833	48393	4.28	4.32	4.33	4.34	4.35
	44.6°F (7.0°C)	54301	53215	52949	52737	52262	4.41	4.45	4.46	4.47	4.48
	47°F (8.3°C)	60332	59125	58829	58594	58067	4.61	4.64	4.65	4.66	4.68
	52°F (11.1°C)	58887	57709	57421	57191	56676	4.31	4.34	4.35	4.36	4.38
	57F (13.9°C)	57443	56294	56012	55788	55286	4.01	4.04	4.05	4.06	4.07
	59°F (15.0°C)	56865	55728	55449	55227	54730	3.89	3.92	3.93	3.93	3.95
	62°F (16.7°C)	55998	54878	54604	54385	53896	3.71	3.74	3.75	3.75	3.77
	64.4°F (18.0°C)	55305	54199	53928	53712	53229	3.56	3.59	3.60	3.61	3.62
	69.8°F (21.0°C)	58377	57210	56924	56696	56186	3.24	3.27	3.27	3.28	3.29
	75.2°F (24.0°C)	52232	51188	50932	50728	50272	2.92	2.94	2.95	2.95	2.96
912	-13°F (-25.0°C)	21619	21187	21081	20997	20808	3.62	3.65	3.66	3.66	3.68
	-4°F (-20.0°C)	26338	25811	25682	25579	25349	3.82	3.85	3.86	3.87	3.88
	0°F (-17.8°C)	27319	26773	26639	26533	26294	3.89	3.92	3.93	3.93	3.95
	5°F (-15.0°C)	28546	27975	27835	27724	27474	3.97	4.00	4.01	4.02	4.03
	14°F (-10.0°C)	30655	30041	29891	29772	29504	4.06	4.09	4.10	4.10	4.12
	17°F (-8.3°C)	31357	30730	30577	30454	30180	4.08	4.12	4.13	4.13	4.15
	22°F (-5.6°C)	29793	29197	29051	28935	28674	3.76	3.79	3.79	3.80	3.82
	27°F (-2.8°C)	28228	27663	27525	27415	27168	3.43	3.46	3.46	3.47	3.48
	32°F (0.0°C)	26663	26130	25999	25895	25662	3.10	3.12	3.13	3.14	3.15
	35°F (1.7°C)	25725	25210	25084	24984	24759	2.90	2.93	2.93	2.94	2.95
	37°F (2.8°C)	28682	28108	27968	27856	27605	3.04	3.06	3.07	3.07	3.09
	42°F (5.6°C)	36076	35354	35178	35037	34722	3.37	3.40	3.41	3.41	3.43
	44.6°F (7.0°C)	39033	38253	38061	37909	37568	3.51	3.54	3.54	3.55	3.57
	47°F (8.3°C)	43470	42600	42387	42218	41838	3.71	3.74	3.75	3.76	3.77
	52°F (11.1°C)	43565	42693	42480	42310	41929	3.55	3.58	3.59	3.60	3.61
	57F (13.9°C)	43660	42787	42573	42402	42021	3.40	3.42	3.43	3.44	3.45
	59°F (15.0°C)	43698	42824	42610	42439	42057	3.33	3.36	3.37	3.37	3.39
	62°F (16.7°C)	43755	42880	42665	42495	42112	3.24	3.27	3.27	3.28	3.29
	64.4°F (18.0°C)	43801	42925	42710	42539	42156	3.16	3.19	3.20	3.20	3.21
	69.8°F (21.0°C)	45180	44276	44055	43878	43484	2.99	3.02	3.02	3.03	3.04
	75.2°F (24.0°C)	35567	34855	34681	34542	34232	2.82	2.85	2.85	2.86	2.87

Table 40 – 36K Heating — D5CURA + D5FULA (36C)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
684	-13°F (-25.0°C)	21790	21354	21248	21163	20972	3.85	3.88	3.89	3.90	3.92
	-4°F (-20.0°C)	28725	28150	28010	27897	27646	4.53	4.56	4.57	4.58	4.60
	0°F (-17.8°C)	31967	31327	31171	31046	30767	4.61	4.65	4.66	4.67	4.69
	5°F (-15.0°C)	36019	35299	35122	34982	34667	4.72	4.76	4.77	4.78	4.80
	14°F (-10.0°C)	36761	36026	35846	35702	35381	4.49	4.53	4.54	4.55	4.57
	17°F (-8.3°C)	37008	36268	36087	35942	35619	4.42	4.45	4.46	4.47	4.49
	22°F (-5.6°C)	36786	36051	35870	35727	35405	4.25	4.29	4.30	4.31	4.32
	27°F (-2.8°C)	36564	35833	35654	35511	35192	4.09	4.13	4.13	4.14	4.16
	32°F (0.0°C)	36343	35616	35438	35296	34978	3.93	3.96	3.97	3.98	3.99
	35°F (1.7°C)	36209	35485	35308	35167	34850	3.83	3.86	3.87	3.88	3.89
	37°F (2.8°C)	40230	39425	39228	39071	38719	3.96	3.99	4.00	4.01	4.03
	42°F (5.6°C)	50281	49275	49029	48833	48393	4.28	4.32	4.33	4.34	4.35
	44.6°F (7.0°C)	54301	53215	52949	52737	52262	4.41	4.45	4.46	4.47	4.48
	47°F (8.3°C)	60332	59125	58829	58594	58067	4.61	4.64	4.65	4.66	4.68
	52°F (11.1°C)	58887	57709	57421	57191	56676	4.31	4.34	4.35	4.36	4.38
	57°F (13.9°C)	57443	56294	56012	55788	55286	4.01	4.04	4.05	4.06	4.07
	59°F (15.0°C)	56865	55728	55449	55227	54730	3.89	3.92	3.93	3.93	3.95
	62°F (16.7°C)	55998	54878	54604	54385	53896	3.71	3.74	3.75	3.75	3.77
	64.4°F (18.0°C)	55305	54199	53928	53712	53229	3.56	3.59	3.60	3.61	3.62
	69.8°F (21.0°C)	58377	57210	56924	56696	56186	3.24	3.27	3.27	3.28	3.29
	75.2°F (24.0°C)	52232	51188	50932	50728	50272	2.92	2.94	2.95	2.95	2.96
912	-13°F (-25.0°C)	21619	21187	21081	20997	20808	3.62	3.65	3.66	3.66	3.68
	-4°F (-20.0°C)	26338	25811	25682	25579	25349	3.82	3.85	3.86	3.87	3.88
	0°F (-17.8°C)	27319	26773	26639	26533	26294	3.89	3.92	3.93	3.93	3.95
	5°F (-15.0°C)	28546	27975	27835	27724	27474	3.97	4.00	4.01	4.02	4.03
	14°F (-10.0°C)	30655	30041	29891	29772	29504	4.06	4.09	4.10	4.10	4.12
	17°F (-8.3°C)	31357	30730	30577	30454	30180	4.08	4.12	4.13	4.13	4.15
	22°F (-5.6°C)	29793	29197	29051	28935	28674	3.76	3.79	3.79	3.80	3.82
	27°F (-2.8°C)	28228	27663	27525	27415	27168	3.43	3.46	3.46	3.47	3.48
	32°F (0.0°C)	26663	26130	25999	25895	25662	3.10	3.12	3.13	3.14	3.15
	35°F (1.7°C)	25725	25210	25084	24984	24759	2.90	2.93	2.93	2.94	2.95
	37°F (2.8°C)	28682	28108	27968	27856	27605	3.04	3.06	3.07	3.07	3.09
	42°F (5.6°C)	36076	35354	35178	35037	34722	3.37	3.40	3.41	3.41	3.43
	44.6°F (7.0°C)	39033	38253	38061	37909	37568	3.51	3.54	3.54	3.55	3.57
	47°F (8.3°C)	43470	42600	42387	42218	41838	3.71	3.74	3.75	3.76	3.77
	52°F (11.1°C)	43565	42693	42480	42310	41929	3.55	3.58	3.59	3.60	3.61
	57°F (13.9°C)	43660	42787	42573	42402	42021	3.40	3.42	3.43	3.44	3.45
	59°F (15.0°C)	43698	42824	42610	42439	42057	3.33	3.36	3.37	3.37	3.39
	62°F (16.7°C)	43755	42880	42665	42495	42112	3.24	3.27	3.27	3.28	3.29
	64.4°F (18.0°C)	43801	42925	42710	42539	42156	3.16	3.19	3.20	3.20	3.21
	69.8°F (21.0°C)	45180	44276	44055	43878	43484	2.99	3.02	3.02	3.03	3.04
	75.2°F (24.0°C)	35567	34855	34681	34542	34232	2.82	2.85	2.85	2.86	2.87

Table 41 – 48K Heating — D5CURA + D5FULA (60C)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
790	-13°F (-25.0°C)	21790	21354	21248	21163	20972	3.85	3.88	3.89	3.90	3.92
	-4°F (-20.0°C)	28725	28150	28010	27897	27646	4.53	4.56	4.57	4.58	4.60
	0°F (-17.8°C)	31967	31327	31171	31046	30767	4.61	4.65	4.66	4.67	4.69
	5°F (-15.0°C)	36019	35299	35122	34982	34667	4.72	4.76	4.77	4.78	4.80
	14°F (-10.0°C)	36761	36026	35846	35702	35381	4.49	4.53	4.54	4.55	4.57
	17°F (-8.3°C)	37008	36268	36087	35942	35619	4.42	4.45	4.46	4.47	4.49
	22°F (-5.6°C)	36786	36051	35870	35727	35405	4.25	4.29	4.30	4.31	4.32
	27°F (-2.8°C)	36564	35833	35654	35511	35192	4.09	4.13	4.13	4.14	4.16
	32°F (0.0°C)	36343	35616	35438	35296	34978	3.93	3.96	3.97	3.98	3.99
	35°F (1.7°C)	36209	35485	35308	35167	34850	3.83	3.86	3.87	3.88	3.89
	37°F (2.8°C)	40230	39425	39228	39071	38719	3.96	3.99	4.00	4.01	4.03
	42°F (5.6°C)	50281	49275	49029	48833	48393	4.28	4.32	4.33	4.34	4.35
	44.6°F (7.0°C)	54301	53215	52949	52737	52262	4.41	4.45	4.46	4.47	4.48
	47°F (8.3°C)	60332	59125	58829	58594	58067	4.61	4.64	4.65	4.66	4.68
	52°F (11.1°C)	58887	57709	57421	57191	56676	4.31	4.34	4.35	4.36	4.38
	57°F (13.9°C)	57443	56294	56012	55788	55286	4.01	4.04	4.05	4.06	4.07
	59°F (15.0°C)	56865	55728	55449	55227	54730	3.89	3.92	3.93	3.93	3.95
	62°F (16.7°C)	55998	54878	54604	54385	53896	3.71	3.74	3.75	3.75	3.77
	64.4°F (18.0°C)	55305	54199	53928	53712	53229	3.56	3.59	3.60	3.61	3.62
	69.8°F (21.0°C)	58377	57210	56924	56696	56186	3.24	3.27	3.27	3.28	3.29
	75.2°F (24.0°C)	52232	51188	50932	50728	50272	2.92	2.94	2.95	2.95	2.96
1050	-13°F (-25.0°C)	34551	33860	33691	33556	33254	5.71	5.76	5.77	5.78	5.80
	-4°F (-20.0°C)	41201	40377	40175	40014	39654	6.21	6.26	6.27	6.29	6.31
	0°F (-17.8°C)	42595	41743	41534	41368	40996	6.27	6.32	6.34	6.35	6.37
	5°F (-15.0°C)	44337	43450	43233	43060	42672	6.35	6.40	6.41	6.43	6.45
	14°F (-10.0°C)	40214	39409	39212	39056	38704	5.12	5.16	5.18	5.19	5.21
	17°F (-8.3°C)	38839	38063	37872	37721	37381	4.72	4.75	4.76	4.77	4.79
	22°F (-5.6°C)	39011	38230	38039	37887	37546	4.72	4.76	4.77	4.78	4.80
	27°F (-2.8°C)	39182	38398	38206	38054	37711	4.73	4.76	4.77	4.78	4.80
	32°F (0.0°C)	39353	38566	38373	38220	37876	4.73	4.77	4.78	4.79	4.81
	35°F (1.7°C)	39456	38667	38474	38320	37975	4.74	4.77	4.78	4.79	4.81
	37°F (2.8°C)	41628	40795	40591	40429	40065	4.75	4.79	4.80	4.80	4.82
	42°F (5.6°C)	47057	46116	45886	45702	45291	4.77	4.81	4.82	4.83	4.85
	44.6°F (7.0°C)	49229	48245	48003	47811	47381	4.79	4.82	4.83	4.84	4.86
	47°F (8.3°C)	52487	51437	51180	50975	50517	4.80	4.84	4.85	4.86	4.88
	52°F (11.1°C)	50170	49166	48921	48725	48286	4.32	4.35	4.36	4.37	4.39
	57°F (13.9°C)	47853	46896	46661	46475	46056	3.83	3.86	3.87	3.88	3.89
	59°F (15.0°C)	46926	45987	45758	45574	45164	3.63	3.66	3.67	3.68	3.69
	62°F (16.7°C)	45536	44625	44402	44224	43826	3.34	3.37	3.38	3.38	3.40
	64.4°F (18.0°C)	44424	43535	43317	43144	42756	3.11	3.13	3.14	3.15	3.16
	69.8°F (21.0°C)	41921	41083	40877	40714	40347	2.58	2.60	2.61	2.61	2.63
	75.2°F (24.0°C)	39419	38630	38437	38283	37939	2.06	2.07	2.08	2.08	2.09

Table 42 – 48K Heating — D5CURA + D5FULA (60D)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
790	-13°F (-25.0°C)	21790	21354	21248	21163	20972	3.85	3.88	3.89	3.90	3.92
	-4°F (-20.0°C)	28725	28150	28010	27897	27646	4.53	4.56	4.57	4.58	4.60
	0°F (-17.8°C)	31967	31327	31171	31046	30767	4.61	4.65	4.66	4.67	4.69
	5°F (-15.0°C)	36019	35299	35122	34982	34667	4.72	4.76	4.77	4.78	4.80
	14°F (-10.0°C)	36761	36026	35846	35702	35381	4.49	4.53	4.54	4.55	4.57
	17°F (-8.3°C)	37008	36268	36087	35942	35619	4.42	4.45	4.46	4.47	4.49
	22°F (-5.6°C)	36786	36051	35870	35727	35405	4.25	4.29	4.30	4.31	4.32
	27°F (-2.8°C)	36564	35833	35654	35511	35192	4.09	4.13	4.13	4.14	4.16
	32°F (0.0°C)	36343	35616	35438	35296	34978	3.93	3.96	3.97	3.98	3.99
	35°F (1.7°C)	36209	35485	35308	35167	34850	3.83	3.86	3.87	3.88	3.89
	37°F (2.8°C)	40230	39425	39228	39071	38719	3.96	3.99	4.00	4.01	4.03
	42°F (5.6°C)	50281	49275	49029	48833	48393	4.28	4.32	4.33	4.34	4.35
	44.6°F (7.0°C)	54301	53215	52949	52737	52262	4.41	4.45	4.46	4.47	4.48
	47°F (8.3°C)	60332	59125	58829	58594	58067	4.61	4.64	4.65	4.66	4.68
	52°F (11.1°C)	58887	57709	57421	57191	56676	4.31	4.34	4.35	4.36	4.38
	57°F (13.9°C)	57443	56294	56012	55788	55286	4.01	4.04	4.05	4.06	4.07
	59°F (15.0°C)	56865	55728	55449	55227	54730	3.89	3.92	3.93	3.93	3.95
	62°F (16.7°C)	55998	54878	54604	54385	53896	3.71	3.74	3.75	3.75	3.77
	64.4°F (18.0°C)	55305	54199	53928	53712	53229	3.56	3.59	3.60	3.61	3.62
	69.8°F (21.0°C)	58377	57210	56924	56696	56186	3.24	3.27	3.27	3.28	3.29
	75.2°F (24.0°C)	52232	51188	50932	50728	50272	2.92	2.94	2.95	2.95	2.96
1050	-13°F (-25.0°C)	35327	34620	34447	34309	34001	6.08	6.13	6.14	6.15	6.18
	-4°F (-20.0°C)	39295	38509	38316	38163	37819	6.29	6.34	6.35	6.37	6.39
	0°F (-17.8°C)	41597	40765	40561	40399	40036	6.52	6.58	6.59	6.60	6.63
	5°F (-15.0°C)	44476	43586	43368	43195	42806	6.82	6.87	6.88	6.90	6.93
	14°F (-10.0°C)	47961	47002	46767	46580	46160	6.89	6.94	6.96	6.97	7.00
	17°F (-8.3°C)	49123	48140	47900	47708	47279	6.91	6.97	6.98	7.00	7.02
	22°F (-5.6°C)	42860	42002	41792	41625	41251	5.90	5.95	5.96	5.98	6.00
	27°F (-2.8°C)	36596	35864	35685	35542	35223	4.90	4.94	4.95	4.95	4.97
	32°F (0.0°C)	30333	29727	29578	29460	29194	3.89	3.92	3.93	3.93	3.95
	35°F (1.7°C)	26575	26044	25914	25810	25578	3.28	3.31	3.32	3.32	3.34
	37°F (2.8°C)	30858	30241	30090	29969	29700	3.54	3.57	3.58	3.58	3.60
	42°F (5.6°C)	41565	40733	40530	40368	40004	4.18	4.22	4.22	4.23	4.25
	44.6°F (7.0°C)	45847	44930	44706	44527	44126	4.44	4.47	4.48	4.49	4.51
	47°F (8.3°C)	52271	51226	50970	50766	50309	4.82	4.86	4.87	4.88	4.90
	52°F (11.1°C)	50562	49550	49303	49105	48663	4.35	4.38	4.39	4.40	4.42
	57°F (13.9°C)	48852	47875	47635	47445	47018	3.87	3.90	3.91	3.92	3.93
	59°F (15.0°C)	48168	47205	46969	46781	46360	3.68	3.71	3.72	3.73	3.74
	62°F (16.7°C)	47142	46199	45968	45784	45372	3.40	3.42	3.43	3.44	3.45
	64.4°F (18.0°C)	46321	45395	45168	44987	44582	3.17	3.19	3.20	3.21	3.22
	69.8°F (21.0°C)	44475	43585	43368	43194	42805	2.65	2.67	2.68	2.69	2.70
	75.2°F (24.0°C)	42628	41776	41567	41401	41028	2.14	2.16	2.16	2.16	2.17

Table 43 – 54K Heating — D5CURA + D5FULA (60C)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
785	-13°F (-25.0°C)	21790	21354	21248	21163	20972	3.85	3.88	3.89	3.90	3.92
	-4°F (-20.0°C)	28725	28150	28010	27897	27646	4.53	4.56	4.57	4.58	4.60
	0°F (-17.8°C)	31967	31327	31171	31046	30767	4.61	4.65	4.66	4.67	4.69
	5°F (-15.0°C)	36019	35299	35122	34982	34667	4.72	4.76	4.77	4.78	4.80
	14°F (-10.0°C)	36761	36026	35846	35702	35381	4.49	4.53	4.54	4.55	4.57
	17°F (-8.3°C)	37008	36268	36087	35942	35619	4.42	4.45	4.46	4.47	4.49
	22°F (-5.6°C)	36786	36051	35870	35727	35405	4.25	4.29	4.30	4.31	4.32
	27°F (-2.8°C)	36564	35833	35654	35511	35192	4.09	4.13	4.13	4.14	4.16
	32°F (0.0°C)	36343	35616	35438	35296	34978	3.93	3.96	3.97	3.98	3.99
	35°F (1.7°C)	36209	35485	35308	35167	34850	3.83	3.86	3.87	3.88	3.89
	37°F (2.8°C)	40230	39425	39228	39071	38719	3.96	3.99	4.00	4.01	4.03
	42°F (5.6°C)	50281	49275	49029	48833	48393	4.28	4.32	4.33	4.34	4.35
	44.6°F (7.0°C)	54301	53215	52949	52737	52262	4.41	4.45	4.46	4.47	4.48
	47°F (8.3°C)	60332	59125	58829	58594	58067	4.61	4.64	4.65	4.66	4.68
	52°F (11.1°C)	58887	57709	57421	57191	56676	4.31	4.34	4.35	4.36	4.38
	57°F (13.9°C)	57443	56294	56012	55788	55286	4.01	4.04	4.05	4.06	4.07
	59°F (15.0°C)	56865	55728	55449	55227	54730	3.89	3.92	3.93	3.93	3.95
	62°F (16.7°C)	55998	54878	54604	54385	53896	3.71	3.74	3.75	3.75	3.77
	64.4°F (18.0°C)	55305	54199	53928	53712	53229	3.56	3.59	3.60	3.61	3.62
	69.8°F (21.0°C)	58377	57210	56924	56696	56186	3.24	3.27	3.27	3.28	3.29
	75.2°F (24.0°C)	52232	51188	50932	50728	50272	2.92	2.94	2.95	2.95	2.96
1047	-13°F (-25.0°C)	28990	28410	28268	28155	27902	5.43	5.48	5.49	5.50	5.52
	-4°F (-20.0°C)	33896	33218	33052	32920	32624	5.88	5.92	5.94	5.95	5.97
	0°F (-17.8°C)	36411	35683	35504	35362	35044	6.08	6.13	6.15	6.16	6.18
	5°F (-15.0°C)	39554	38763	38570	38415	38070	6.34	6.39	6.41	6.42	6.45
	14°F (-10.0°C)	43055	42194	41983	41815	41439	6.29	6.34	6.35	6.36	6.39
	17°F (-8.3°C)	44222	43338	43121	42948	42562	6.27	6.32	6.33	6.34	6.37
	22°F (-5.6°C)	43222	42357	42146	41977	41599	6.02	6.07	6.08	6.09	6.11
	27°F (-2.8°C)	42222	41377	41170	41006	40637	5.77	5.81	5.82	5.84	5.86
	32°F (0.0°C)	41221	40397	40195	40034	39674	5.51	5.56	5.57	5.58	5.60
	35°F (1.7°C)	40621	39809	39610	39451	39096	5.36	5.41	5.42	5.43	5.45
	37°F (2.8°C)	42468	41619	41411	41245	40874	5.31	5.35	5.36	5.37	5.39
	42°F (5.6°C)	47086	46144	45913	45730	45318	5.16	5.21	5.22	5.23	5.25
	44.6°F (7.0°C)	48933	47954	47714	47523	47096	5.11	5.15	5.16	5.17	5.19
	47°F (8.3°C)	51703	50669	50416	50214	49762	5.02	5.06	5.07	5.08	5.10
	52°F (11.1°C)	51561	50530	50277	50076	49626	4.69	4.73	4.74	4.74	4.76
	57°F (13.9°C)	51420	50391	50139	49939	49489	4.35	4.39	4.40	4.41	4.42
	59°F (15.0°C)	51363	50336	50084	49884	49435	4.22	4.25	4.26	4.27	4.29
	62°F (16.7°C)	51278	50252	50001	49801	49353	4.02	4.05	4.06	4.07	4.08
	64.4°F (18.0°C)	51210	50186	49935	49735	49287	3.86	3.89	3.90	3.91	3.92
	69.8°F (21.0°C)	47903	46945	46710	46523	46105	3.50	3.53	3.53	3.54	3.55
	75.2°F (24.0°C)	42994	42134	41923	41756	41380	3.14	3.16	3.17	3.18	3.19

Table 44 – 54K Heating — D5CURA + D5FULA (60D)

AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE										
	OUTDOOR DB (°F)	TC: Total Heating Capacity (BTU/hr)					PI: Power Input (kW)				
		Indoor Conditions (DB °F)					Indoor Conditions (DB °F)				
		60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)	60.8°F (16.0°C)	68°F (20.0°C)	70°F (21.1°C)	71.6°F (22.0°C)	75.2°F (24.0°C)
785	-13°F (-25.0°C)	21790	21354	21248	21163	20972	3.85	3.88	3.89	3.90	3.92
	-4°F (-20.0°C)	28725	28150	28010	27897	27646	4.53	4.56	4.57	4.58	4.60
	0°F (-17.8°C)	31967	31327	31171	31046	30767	4.61	4.65	4.66	4.67	4.69
	5°F (-15.0°C)	36019	35299	35122	34982	34667	4.72	4.76	4.77	4.78	4.80
	14°F (-10.0°C)	36761	36026	35846	35702	35381	4.49	4.53	4.54	4.55	4.57
	17°F (-8.3°C)	37008	36268	36087	35942	35619	4.42	4.45	4.46	4.47	4.49
	22°F (-5.6°C)	36786	36051	35870	35727	35405	4.25	4.29	4.30	4.31	4.32
	27°F (-2.8°C)	36564	35833	35654	35511	35192	4.09	4.13	4.13	4.14	4.16
	32°F (0.0°C)	36343	35616	35438	35296	34978	3.93	3.96	3.97	3.98	3.99
	35°F (1.7°C)	36209	35485	35308	35167	34850	3.83	3.86	3.87	3.88	3.89
	37°F (2.8°C)	40230	39425	39228	39071	38719	3.96	3.99	4.00	4.01	4.03
	42°F (5.6°C)	50281	49275	49029	48833	48393	4.28	4.32	4.33	4.34	4.35
	44.6°F (7.0°C)	54301	53215	52949	52737	52262	4.41	4.45	4.46	4.47	4.48
	47°F (8.3°C)	60332	59125	58829	58594	58067	4.61	4.64	4.65	4.66	4.68
	52°F (11.1°C)	58887	57709	57421	57191	56676	4.31	4.34	4.35	4.36	4.38
	57F (13.9°C)	57443	56294	56012	55788	55286	4.01	4.04	4.05	4.06	4.07
	59°F (15.0°C)	56865	55728	55449	55227	54730	3.89	3.92	3.93	3.93	3.95
	62°F (16.7°C)	55998	54878	54604	54385	53896	3.71	3.74	3.75	3.75	3.77
	64.4°F (18.0°C)	55305	54199	53928	53712	53229	3.56	3.59	3.60	3.61	3.62
	69.8°F (21.0°C)	58377	57210	56924	56696	56186	3.24	3.27	3.27	3.28	3.29
	75.2°F (24.0°C)	52232	51188	50932	50728	50272	2.92	2.94	2.95	2.95	2.96
1047	-13°F (-25.0°C)	29001	28421	28279	28166	27912	5.48	5.53	5.54	5.55	5.57
	-4°F (-20.0°C)	34816	34120	33949	33814	33509	5.87	5.92	5.93	5.94	5.96
	0°F (-17.8°C)	36445	35716	35537	35395	35077	6.06	6.11	6.12	6.13	6.16
	5°F (-15.0°C)	38481	37711	37523	37373	37036	6.29	6.34	6.36	6.37	6.40
	14°F (-10.0°C)	41115	40293	40091	39931	39571	6.28	6.33	6.34	6.35	6.38
	17°F (-8.3°C)	41993	41153	40947	40784	40417	6.27	6.32	6.33	6.35	6.37
	22°F (-5.6°C)	41873	41035	40830	40667	40301	6.07	6.12	6.13	6.14	6.17
	27°F (-2.8°C)	41752	40917	40712	40550	40185	5.87	5.92	5.93	5.94	5.97
	32°F (0.0°C)	41631	40799	40595	40432	40069	5.67	5.72	5.73	5.74	5.77
	35°F (1.7°C)	41559	40728	40524	40362	39999	5.55	5.60	5.61	5.62	5.64
	37°F (2.8°C)	43319	42452	42240	42071	41692	5.48	5.53	5.54	5.55	5.57
	42°F (5.6°C)	47717	46763	46529	46343	45926	5.31	5.35	5.36	5.37	5.39
	44.6°F (7.0°C)	49477	48487	48245	48052	47619	5.24	5.28	5.29	5.30	5.32
	47°F (8.3°C)	52116	51074	50818	50615	50160	5.13	5.17	5.19	5.20	5.22
	52°F (11.1°C)	50910	49892	49643	49444	48999	4.68	4.72	4.73	4.74	4.75
	57F (13.9°C)	49705	48711	48467	48273	47839	4.22	4.26	4.27	4.28	4.29
	59°F (15.0°C)	49223	48238	47997	47805	47375	4.04	4.08	4.08	4.09	4.11
	62°F (16.7°C)	48499	47529	47292	47102	46679	3.77	3.80	3.81	3.82	3.83
	64.4°F (18.0°C)	47921	46962	46727	46540	46122	3.55	3.58	3.59	3.60	3.61
	69.8°F (21.0°C)	48778	47802	47563	47373	46947	3.06	3.09	3.09	3.10	3.11
	75.2°F (24.0°C)	41199	40375	40173	40012	39652	2.57	2.59	2.60	2.60	2.61

APPLICATION DATA

UNIT SELECTION

Select equipment that either matches or supports slightly more than the anticipated peak load. This provides better humidity control, fewer unit cycles, and less part-load operation.

For units used in spaces with high sensible loads, base equipment selection on unit sensible load, not on total anticipated load. Adjust for anticipated room wet bulb temperature to avoid undersizing the equipment.

UNIT MOUNTING (OUTDOOR)

Refer to the unit's installation instructions for further details.

Unit leveling – For reliable operation, the units should be level in all planes.

Clearance – Minimum clearance (Fig. 6) must be provided for airflow. The condensing units are designed for free-flow application. Air inlets and outlets should not be restricted.

Unit location – A location which is convenient to installation and not exposed to strong winds. A location that can bear the weight of the outdoor unit and where the outdoor unit can be mounted in a level position.

Do not install the indoor or outdoor units in a location with special environmental conditions. For those applications, contact your sales representative.

OPERATING RANGE MIN/MAX °F (MIN/MAX °C)

All High Heat Units:

- **Cooling:** -13/130 (-25/55)
- **Heating:** -13/86 (-25/30)

NOTE: Without intervention, the unit may continue to run at temperatures outside of the specified operating temperatures. However, operation outside of the specified temperature range may result in decreased performance and may cause damage to the unit.

METERING DEVICES

The outdoor unit has an electronic expansion valve to manage the refrigerant flow of the connected fan coil.

DRAIN CONNECTIONS

Install the drains in accordance with the local sanitation codes.

REFRIGERANT LINES

General refrigerant line sizing:

1. The outdoor units are shipped with a full charge of R-454B refrigerant. All charges, line sizing, and capacities are based on runs of 25 ft. (7.6 m). For runs over 25 ft. (7.6 m), review the *Long Line Applications* section for the proper charge adjustments.
2. Refrigerant lines should not be buried in the ground. If it is necessary to bury the lines, do not bury the lines more than 36-in (914 mm). Provide a minimum 6-in (152 mm) vertical rise to the service valves to prevent refrigerant migration.
3. The suction line must be insulated-the liquid line does not require insulation. Use a minimum of 1/2-in. (12.7 mm) thick insulation. Closed-cell insulation is recommended in all long line applications.

4. Special consideration should be given to isolating the interconnecting tubing from the building structure. Isolate the tubing so vibration or noise is not transmitted into the structure.

WIRING

All wires must be sized per NEC (National Electrical Code) or CEC (Canadian Electrical Code) and local codes. Use Electrical Data table MCA (minimum circuit amps) and MOCP (maximum over current protection) to correctly size the wires and the disconnect fuse or breakers respectively.

Power Wiring

1. Remove the electric cover of the outdoor unit.
2. Connect the fork terminal to the terminals.
3. Match the wire labels with the labels on the terminal block.
4. Firmly screw the fork terminal of each wire to its corresponding terminal.
5. Insulate unused wires with electrical tape. Keep them away from any electrical or metal parts.
6. Reinstall the cover of the electric control box.

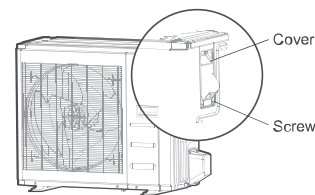


Fig. 8 – Remove Electrical Cover

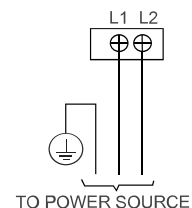


Fig. 9 – Match Fork Terminal to Terminal Labels

Communication Wiring

There are two options available to establish communications between the outdoor unit and approved indoor unit.

Table 45 — Wiring Sizes 36 – 48

Options	Communication Type	Recommended Cable Size
1	Non-Polarity RS485 Communications (S1 - S2)	16 AWG (stranded shielded)
2	24V Communication	18 AWG 8-conductor thermostat wire

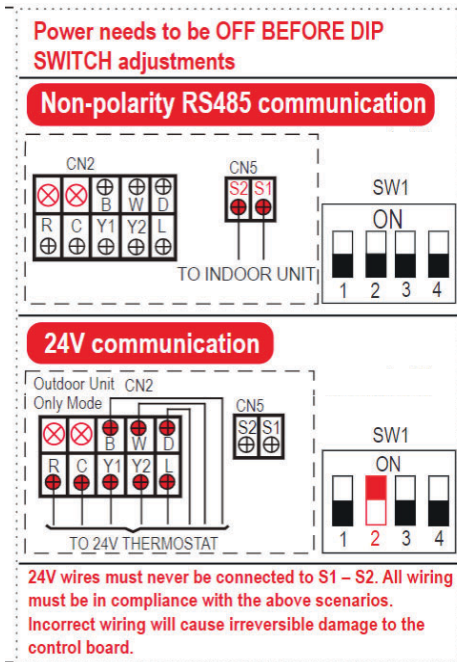


Fig. 10 – Communication Options

Table 46 – Terminal Functions

R	24V Power Connection
C	Common
Y1	Low Demand
Y2	High Demand
B	Heating Reversing Valve
W	Heating Control
D	Defrost (24V Output Signal)
L	System Fault (24V Output Signal)

NOTE: Terminal D will be energized when the outdoor unit goes into defrost mode and can be used to enable electric heat. This feature is not available when the outdoor unit communicates with the indoor unit via non-polarity RS485 Communication S1-S2.

24V WIRING

See [Table 47](#) for jumper usage.

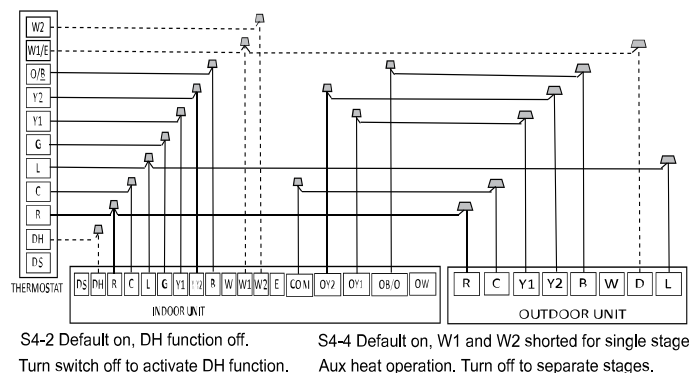


Fig. 11 – Wiring for 4H and 2C Thermostat

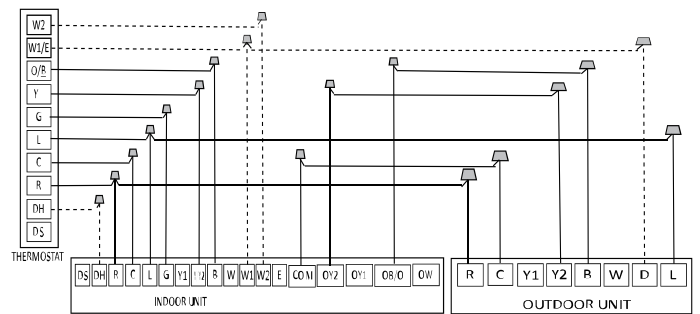


Fig. 12 – Wiring for 3H and 1C Thermostat

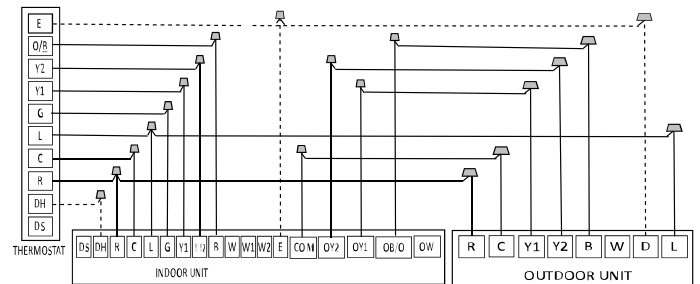


Fig. 13 – Wiring for 3H and 2C Thermostat

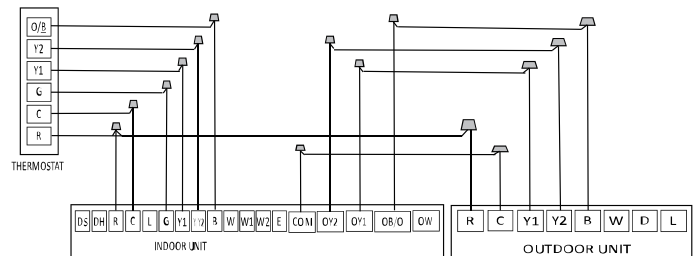


Fig. 14 – Wiring for 2H and 2C Thermostat

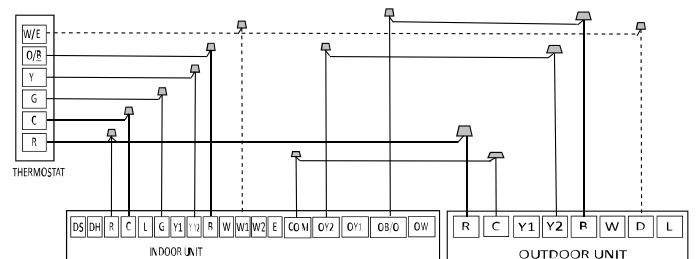


Fig. 15 – Wiring for 2H and 1C Thermostat

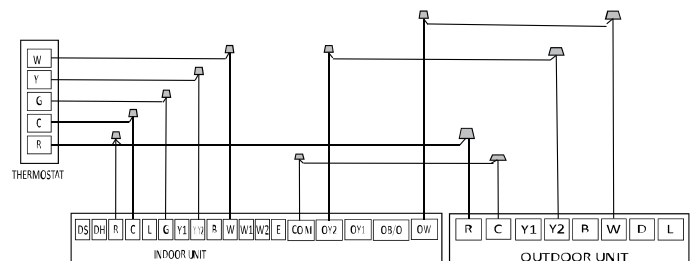


Fig. 16 – Wiring for 1H and 1C Thermostat

Table 47 – Jumper Usage for Thermostat Wiring

S4-1	S4-2
Default ON: For single-stage supplemental heat, W1 and W2 are connected. OFF: For dual-stage supplemental heat, W1 and W2 are controlled independently. Feature is enabled through thermostat.	Default ON: Dehumidification control not available. OFF: Dehumidification feature is enabled through thermostat.
NOTE: Dip switches are located on compatible indoor unit. Refer to the indoor unit installation manual for additional information.	



WARNING

EQUIPMENT DAMAGE HAZARD

Failure to follow this caution may result in equipment damage or improper operation. Wires should be sized based on NEC and local codes.



CAUTION

EQUIPMENT DAMAGE HAZARD

Failure to follow this caution may result in equipment damage or improper operation. Be sure to comply with local codes while running wire from the indoor unit to the outdoor unit. Every wire must be connected firmly. Loose wiring may cause the terminal to overheat or result in unit malfunction. A fire hazard may also exist. Ensure all wiring is tightly connected.

No wire should touch the refrigerant tubing, compressor or any moving parts. Disconnecting means must be provided and shall be located within sight and readily accessible from the air conditioner. Route the cable & conduit through the hole in the conduit panel.

NOTE: The main power is supplied to the outdoor unit. When disconnecting the power of the outdoor unit, the indoor unit would lose power. A disconnect switch is not required on the Indoor unit side on the wiring between the Outdoor and Indoor unit. A 3-pole disconnect may be used for extra protection between the Indoor and Outdoor Unit. A separate power is required for an Auxiliary Electric Heater.

SPECIFIC WIRING METHODS



WARNING

Refer to the wiring nameplate for the wiring method. Do not connect 24V AC to S1 - S2, as this will damage the system.

SCENARIO 1:

This is the preferred method of control. This allows a 24 volt thermostat to be used with RS485 communication between the indoor and outdoor units. None of the 24 volt terminals in the outdoor unit can be used with this scenario. It is recommended to use 16 AWG stranded shielded cable for RS 485 communication.

- The **B** terminal and **W** terminal should not be used together at the air handler.
- **W** should only be used with a conventional thermostat for the heat demand at the air handler.
- **DS** is a reserve Terminal.

To use a 24V thermostat, Refer to the following wiring:

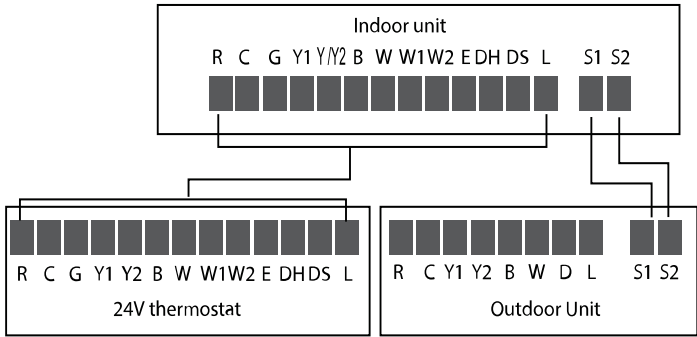


Fig. 17 —Scenario 1

SW1	Control type	IDU and ODU Connection	Note
ON 1 2 3 4	24V Thermostat	S1+S2	Scenario 1 (no outdoor unit clean function ^[*])

Fig. 18 – Dip Switch Settings - Scenario 1

SCENARIO 2 (DEFAULT):

This allows the KSACN1401AAA wired controller to be used with RS485 communication between indoor and outdoor units. It is recommended to use 16 AWG stranded shielded cable for RS 485 communication.

- None of the 24 volt terminals at the air handler or outdoor unit can be used for this scenario
- Using the 1401 wired controller allows for the system to be fully communicating.
- Refer to the 1401 wired controller Owner's Manual for wired controller operating information.

Refer to the wiring method of indoor and outdoor unit communication and wired controller as follows:

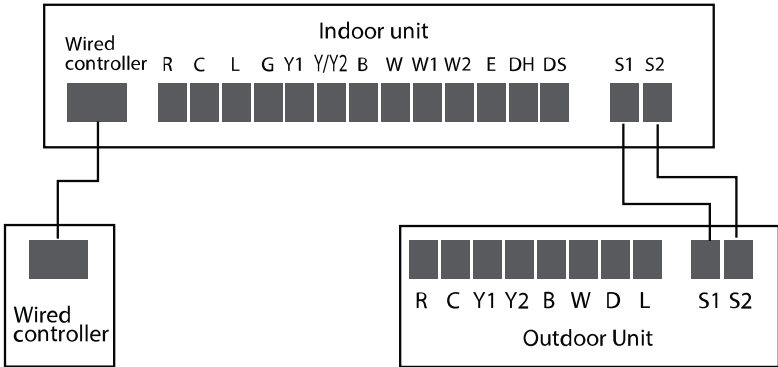


Fig. 19 —Scenario 2 (Default)

SW1	Control type	IDU and ODU Connection	Note
ON 1 2 3 4	Wired controller	S1+S2	Scenario 2

Fig. 20 – Dip Switch Settings - Scenario 2

SCENARIO 3:

This allows a 24 volt thermostat to be used with 24 volt communication between the indoor and outdoor units. Some communication features will not be available with this method.

NOTE: This equipment energizes the reversing valve in heat. Ensure that the B terminal is configured at the thermostat for heat.

NOTE: This method should be reserved for a D5FUHA outdoor unit and a third party indoor unit or cased coil and gas furnace. Using RS 485 communication between the indoor and outdoor units is recommended (Scenarios 1 or 2)

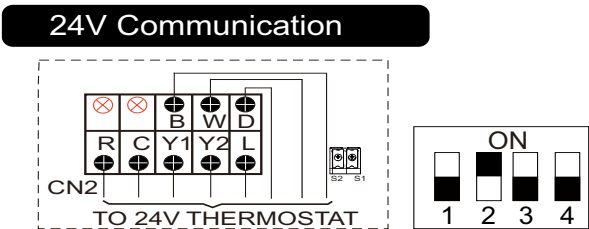
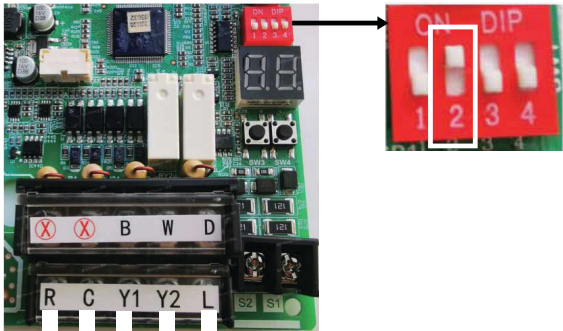


Fig. 21 —Scenario 3 - Wiring to the Outdoor Unit

NOTE: DIP switch 2 in the outdoor unit must be turned on for Scenario 3 and Crossover applications. Leave off for the other 2 scenarios.

NOTE: The 24 volt wire terminals in the outdoor unit should only be used for Scenario 3. S1 and S2 should only be used for Scenarios 1 and 2.

24V must never be connected to S1 – S2. All wiring must be in compliance with the above scenarios. Incorrect wiring can damage the outdoor and indoor control boards.



Scenario 3: DIP Switch 2 = ON.
Scenarios 1 and 2: DIP Switch 2 = OFF.

Fig. 22 —24V Connection Dip Switch Setting (as shown in Fig 21)

The SW3 button is not active.
SW4 button should be used for point check inquiry and forced defrost.
NOTE: The use of shielded communication or thermostat wire is not required, but is recommended where separation from high voltage conductors can not be maintained, or in areas with high electrical noise. The shield must be grounded at the outdoor unit and stripped back and taped at the indoor unit. Grounding at both ends results in an increase of noise transmitted onto the signal wires.

AIR FLOW DATA

Refer to [Table 4](#) for complete specifications.

Table 48 – Airflow Data

System Size	36K	48K
Outdoor (CFM)	2,118	4,500

SOUND PRESSURE AND SOUND POWER

Refer to [Table 4](#) for complete specifications.

Table 49 – Sound Pressure and Sound Power

	System Size		36K	48K
Cooling	Outdoor Sound Pressure Level	dB(A)	61.7	62.9
	Outdoor Sound Power Level	dB(A)	71	72
Heating	Outdoor Sound Pressure Level	dB(A)	64	64
	Outdoor Sound Power Level	dB(A)	73	73

SOUND PRESSURE IN OCTAVE BANDS

Refer to [Table 4](#) for complete specifications.

OUTDOOR UNIT SOUND PRESSURE TEST CONDITIONS

Refer to [Table 4](#) for complete specifications.

Outdoor Unit

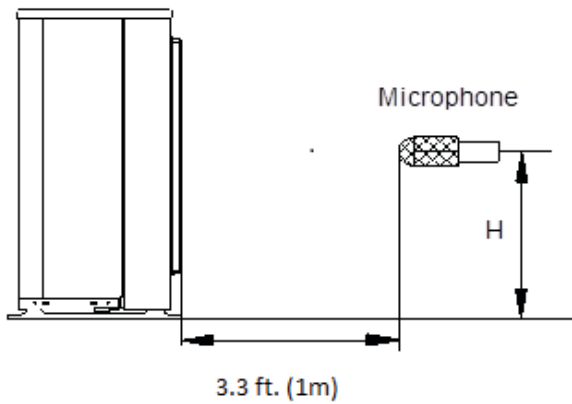


Fig. 23 – Outdoor Unit Sound Pressure Test Conditions

NOTE: H=0.5 x Height of outdoor unit

Table 50 – Outdoor Unit Sound Pressure Test Conditions

	INDOOR CONDITION		OUTDOOR CONDITION	
	DB	WB	DB	WB
Cooling	80.6°F (27°C)	66.2°F (19°C)	95°F (35°C)	75.2°F (24°C)
Heating	68°F (20°C)	59°F (15°C)	44.6°F (7°C)	42.8°F (6°C)

Sound Pressure Per Distance

D5CURA Sound Pressure (dBA)							
Distance from Property Line							
Tonnage	Sound power (dBA)	Reflective Service QTY.	3.3FT	5FT	7FT	9FT	15FT
1.5	61	0	53	49	46	44	40
		1	56	52	49	47	43
		2	59	55	53	50	46
2	66.7	0	59	55	52	50	46
		1	62	58	55	53	49
		2	65	61	58	56	52
2.5	66.7	0	59	55	52	50	46
		1	62	58	55	53	49
		2	65	61	58	56	52
3	71	0	63	59	56	54	50
		1	66	62	59	57	53
		2	69	65	63	60	56
4	70.5	0	63	59	56	54	49
		1	66	62	59	57	52
		2	69	65	62	60	55
5	70.7	0	63	59	56	54	50
		1	66	62	59	57	53
		2	69	65	62	60	56

FAN AND MOTOR AND ELECTRICAL SPECIFICATIONS

Refer to [Table 4](#) for complete specifications.

WIRING DIAGRAMS

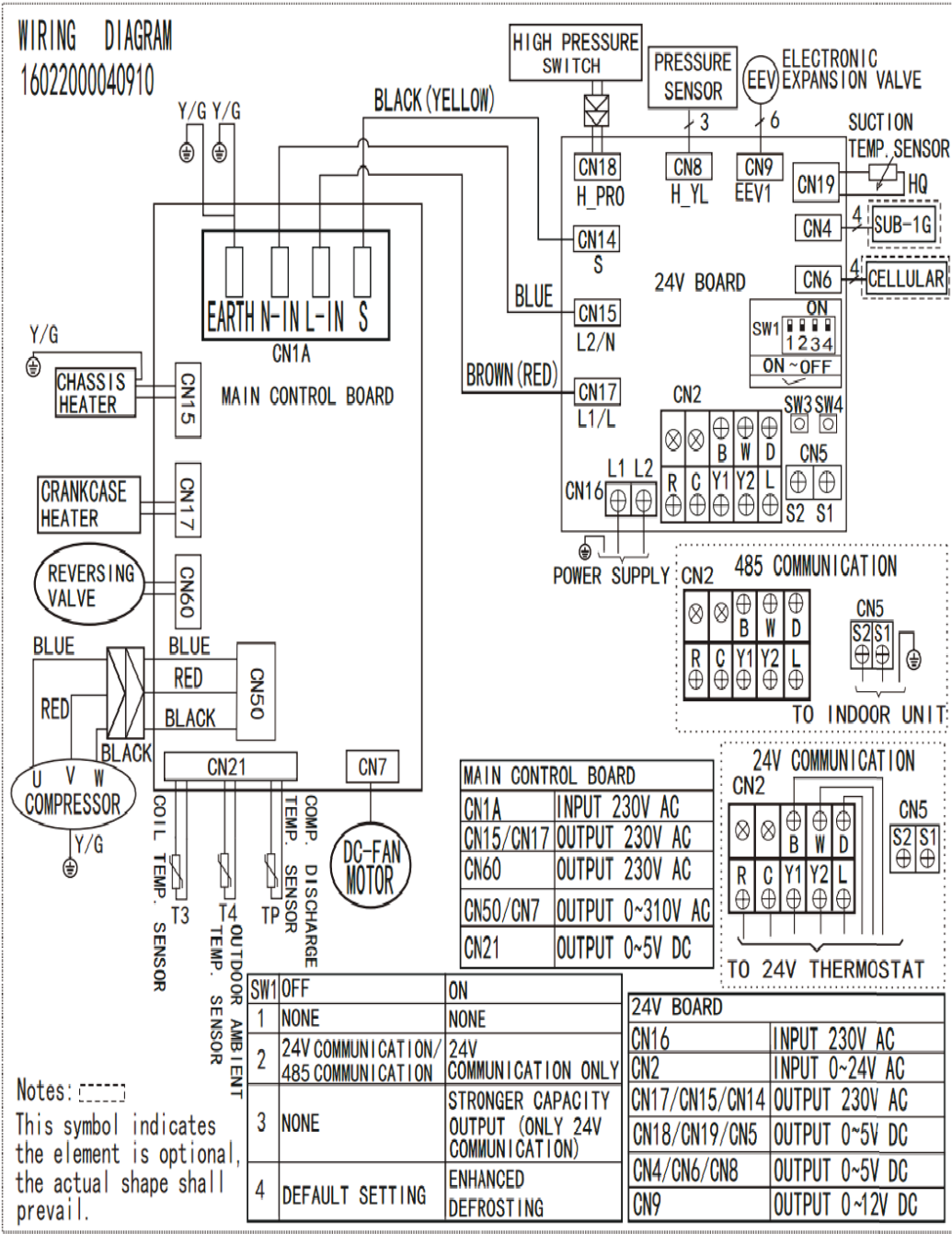


Fig. 24 – 18K Wiring Diagram

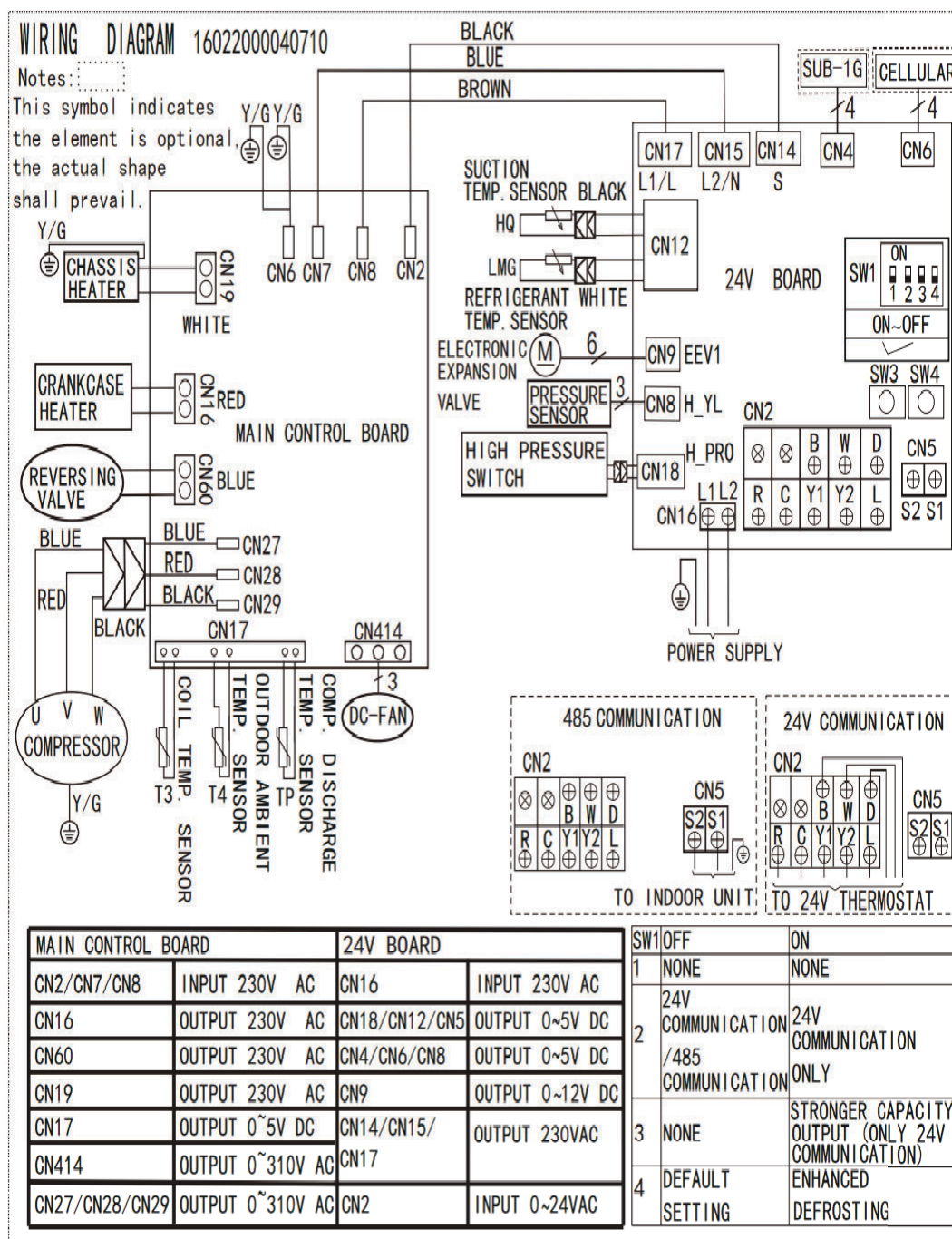


Fig. 25 – 24K Wiring Diagram

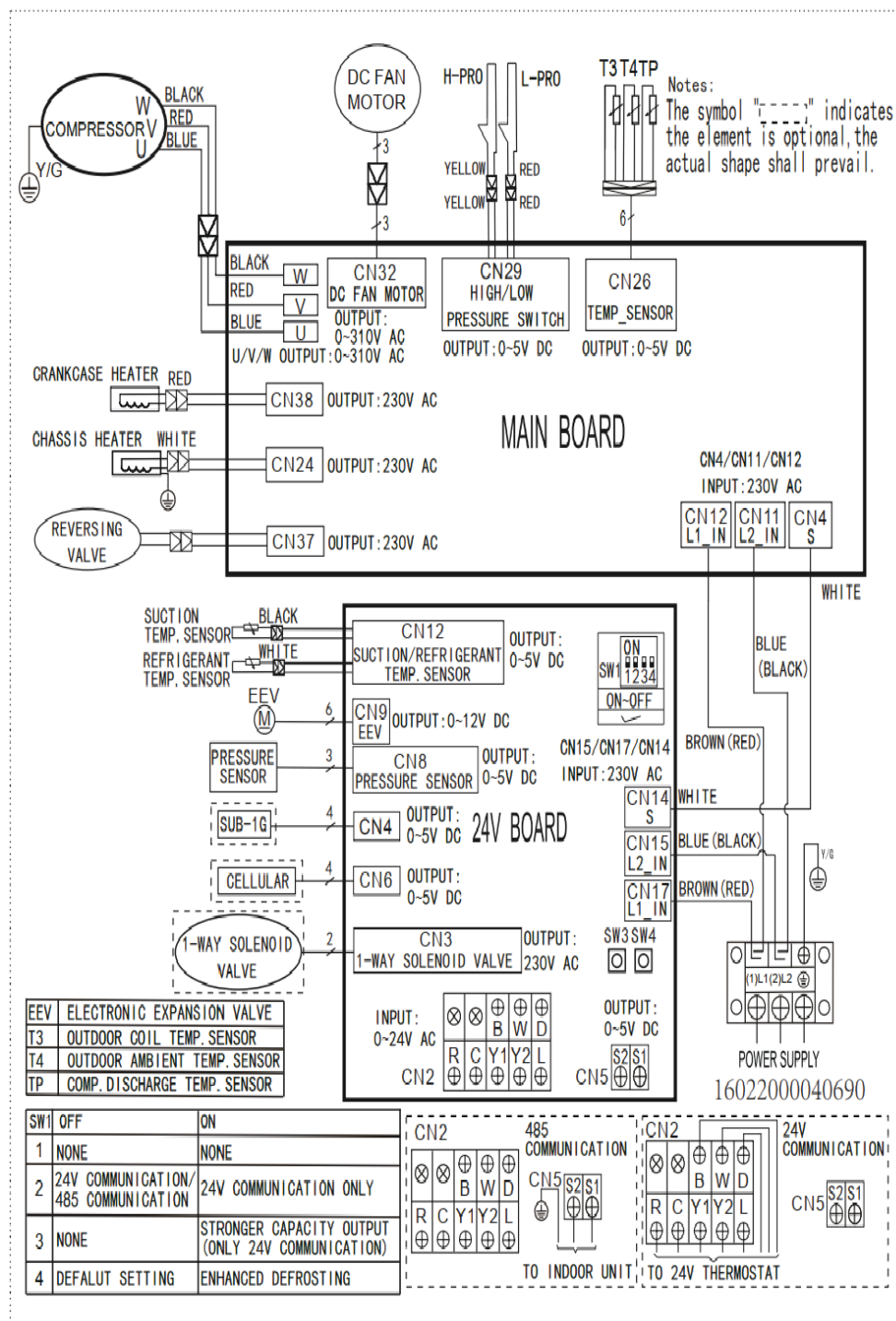


Fig. 26 – 30K Wiring Diagram

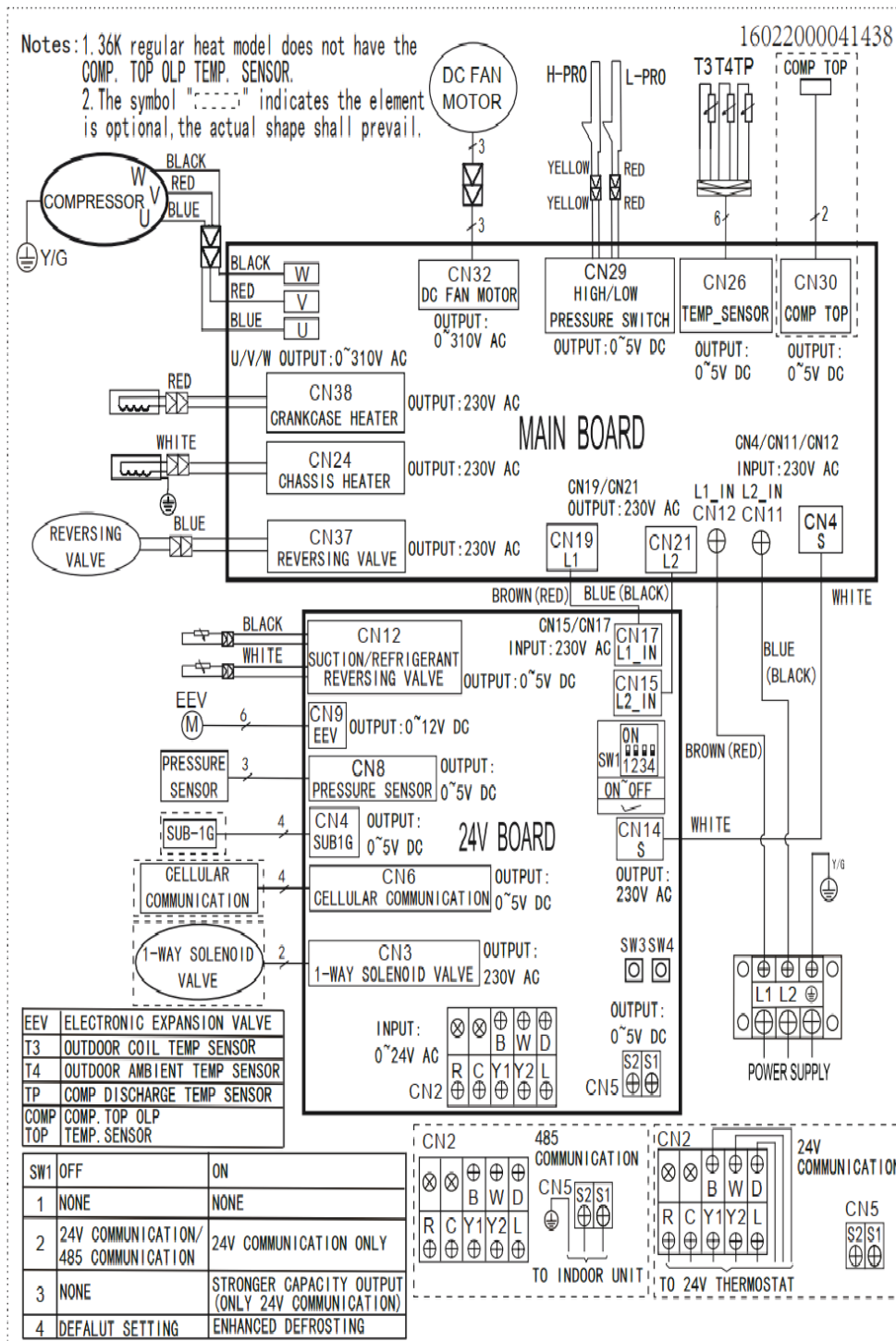


Fig. 27 – 36K Wiring Diagram

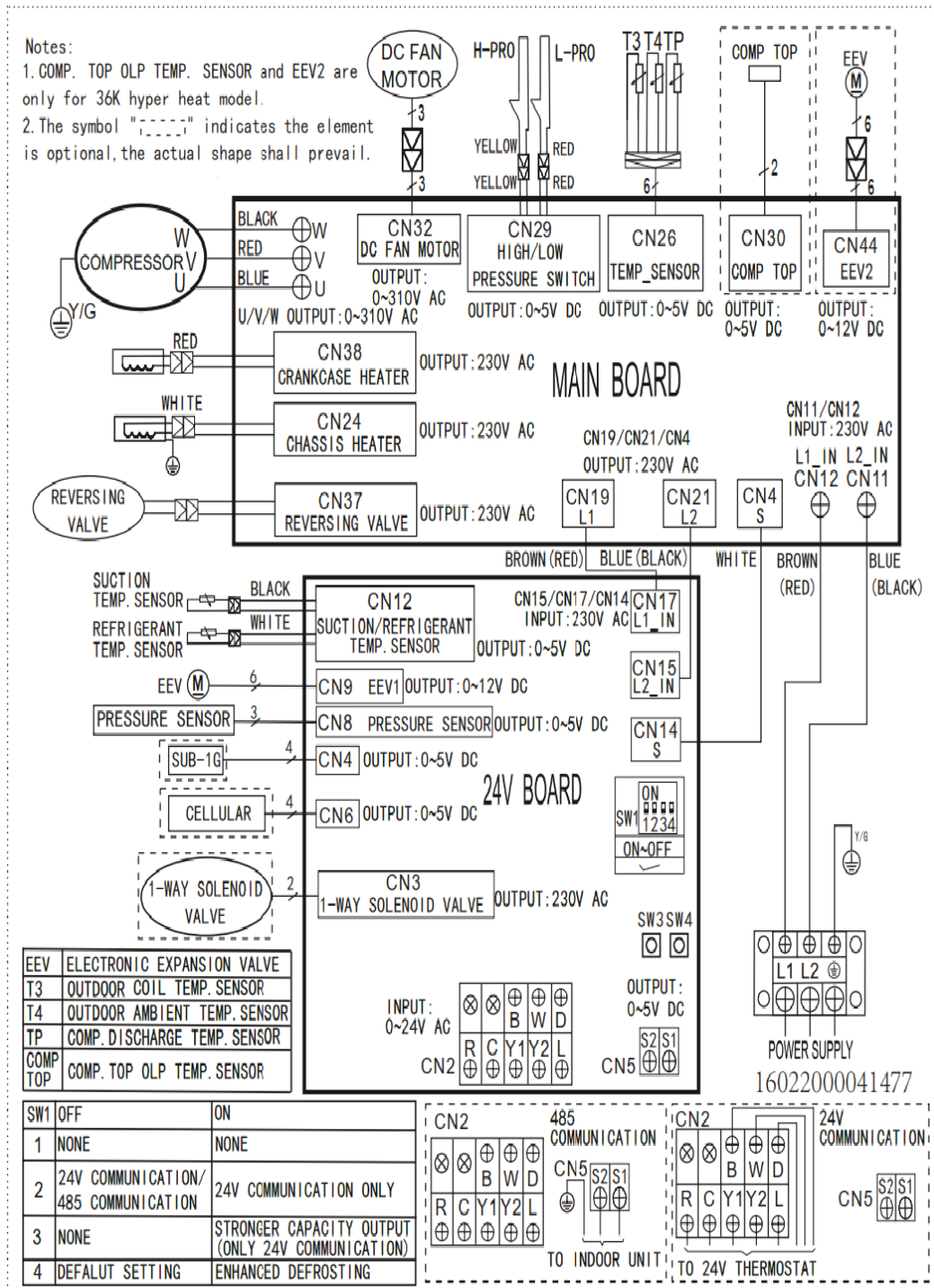


Fig. 28 – 48K / 60K Wiring Diagram

GUIDE SPECIFICATIONS**HORIZONTAL DISCHARGE SPLIT-SYSTEM HEAT PUMP**

Size Range: 1½ to 5Ton Nominal Cooling and Heating Capacity

Model Number: **D5CURA****Part 1 - General****System Description**

- a. Outdoor air-cooled split system compressor sections suitable for on-the-ground, rooftop, wall hung or balcony mounting. Units consist of a rotary compressor, an air-cooled coil, propeller-type draw-through outdoor fan, reversing valve (HP), accumulator (HP units), metering device(s), and a control box. Units discharge air horizontally as shown on the contract drawings. Units function as the outdoor component of an air-to-air heat pump system.
- b. Units are to be used in a refrigeration circuit matched to duct-less heat pump fan coil units.

Agency Listings

- a. Unit construction complies with ANSI/ASHRAE 15, latest revision, and with the NEC.
- b. Units are evaluated in accordance with the UL standard 60335-2-40/ CSA C22.2 No. 60335-2-40.
- c. Units are listed in CEC directory.
- d. Unit cabinet is capable of withstanding the 500-hour salt spray test per Federal Test Standard no. 141 (method 6061).
- e. Air-cooled condenser coils are leak tested at 550 psig.

Delivery, Storage, And Handling

Units are shipped in one piece and are stored and handled per the manufacturer's recommendations.

Warranty (For Inclusion By Specifying Engineer)**Products****Equipment****1. General:**

Factory assembled, single piece, air-cooled outdoor unit. Contained within the enclosure are the factory wiring, piping, controls, and the compressor.

2. Unit Cabinet:

- a. The unit cabinet is constructed of galvanized steel, bonderized and coated with baked-enamel finish on the inside and outside.
- b. The unit access panels are removable and provide full access to the compressor, fan, and the control components.
- c. The outdoor compartment is isolated and has an acoustic lining to assure a quiet operation.

3. Fans:

- a. The outdoor fans are direct-drive propeller type, and discharge air horizontally. The fan draws air through the outdoor coil.
- b. Outdoor fan motors are totally-enclosed, single phase motors with class E insulation and permanently lubricated ball bearings. The motor is protected by internal thermal overload protection.
- c. The shaft has an inherent corrosion resistance.
- d. Fan blades are non-metallic and statically and dynamically balanced.
- e. Outdoor fan openings are equipped with a PVC metal/mesh coated protection grille over the fan.

4. Compressor:

- a. The compressor is the fully hermetic variable speed rotary type.
- b. The compressor is equipped with an oil system, operating oil charge, and motor.
- c. The motor is NEMA rated class E, suitable for operation in a refrigerant atmosphere.
- d. The compressor assembly is installed on rubber vibration isolators.

5. Outdoor Coil:

The coil is constructed of aluminum hydrophilic pre-coated fins mechanically bonded to seamless copper tubes, which are cleaned, dehydrated and sealed.

6. Refrigerant Components:

Refrigerant circuit components include multiple brass external liquid line service valves with a service gauge connection port, multiple suction line service valves with a service gauge connection port, accumulator, reversing valve, and electronic expansion valves.

7. Safety:

Operating safety features are factory selected, assembled, and tested. The minimum functions include the following:

- a. Compressor discharge over temperature protection.
- b. System low voltage protection.
- c. Compressor overload protection.
- d. Compressor over current protection.
- e. IPM module protection.

8. Electrical Requirements:

- a. Units operate on single-phase, 60 Hz power at 208/230V.
- b. The unit electrical power is a single point connection.
- c. All power and control wiring must be installed per NEC and all local electrical codes.
- d. Units have multiple terminal blocks to connect to multiple indoor units.

NOTES: