

Product Data

INDUSTRY LEADING FEATURES / BENEFITS

A competitively priced and creative solution to design problems.

The **38MG(R/H)B** ductless inverter driven multi-zone system provides individual comfort control for up to 5 separate zones. Match two, three, four or even five space-saving **High Wall, Cassette, Slim Ducted, Air Handler units** or **Floor Console** fan coils with one outdoor heat pump. The indoor fan coils are connected to the outdoor unit by refrigerant tubing and wires.

Mount different indoor unit styles in several locations to accommodate the application. This selection of fan coils permits inexpensive and creative solutions to design problems such as:

- Adding air conditioning to spaces that are heated by hydronic or electric heat and have no ductwork
- Historical renovations or any application where preserving the look of the original structure is essential
- Commercial add-on jobs where the existing air conditioning system cannot be stretched.

These compact indoor fan coil units take up very little space in the room and do not obstruct windows. The fan coils are attractively styled to blend with most room decors. Advanced system components incorporate innovative technology to provide reliable cooling and heating performance at low sound levels.

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Fig. 1 — Size 18K



Fig. 2 — Sizes 24K HH, 30K HH, 36K



Fig. 3 — Sizes 36K HH, 48K, 48K HH

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

Inverter Technology

The inverter driven compressor is designed to run at various input power frequencies (Hz) which controls the compressor's motor speed.

Even Temperature – The control package, including the inverter, monitors the outdoor and indoor temperatures as they relate to the selected indoor set point and adjusts the compressor speed to match the load and keep the system operating continuously rather than cycling and creating temperature swings. This translates to higher comfort levels for the occupants.

Rapid Pull Down/Warm-Up – Comfort is increased by the inverter system's ability to ramp up the compressor speed enabling the system to reach the user selected room temperature set point quicker.

Humidity Control – Running the system for longer periods and continuously changing the compressor speed enhances the humidity control.

Individual Room Comfort

Maximum comfort is provided because each space can be controlled individually based on the usage pattern.

Low Sound Levels

When noise is a concern, ductless systems are the answer. The indoor units are whisper quiet. There are no compressors indoors, either in the conditioned space or directly over it, and there is none of the noise usually generated by air being forced through the ductwork.

When sound ordinances and proximity to neighbors demand quiet operation, the **38MG(R/H)B** unit is the right choice. With the inverter technology, these units run at lower speeds, most of the time resulting in reduced sound levels.

Inverter Technology – Enhanced Economical Operation

Ductless systems are inherently economical to operate. Individual rooms are heated or cooled only when required, and since the air is delivered directly to the space, there is no need to use additional energy to move the air in the ductwork. This economical operation is enhanced further when the inverter system output matches the load resulting in a more efficient system.

Easy-To-Use Controls

The multi-zone systems have microprocessor-based controls to provide the ultimate in comfort and efficiency. The user friendly wired and wireless remote controls provide an interface between the user and the unit.

Secure Operation

If security is an issue, outdoor and indoor units are connected only by refrigerant piping and wiring to prevent intruders from crawling through ductwork or wall openings. Since the **38MG(R/H)B** can be installed close to an outside wall, coils are protected from vandals and severe weather.

Fast Installation

This compact ductless system is simple to install. A mounting bracket is included with the indoor units and only wires and piping need to run between the indoor and outdoor units. These units are fast and easy to install ensuring minimal disruption to customers in homes or the workplace. This makes **38MG(R/H)B** systems the equipment of choice for retrofit applications.

Simple Servicing and Maintenance

Removing the top panel of the outdoor unit provides immediate access to the control compartment, providing the service technician access to the diagnostic LEDs to facilitate the troubleshooting process. In addition, the draw-thru design of the outdoor unit means that dirt accumulates on the outside surface of the coil. Coils can be cleaned quickly from the inside using a pressure hose and detergent.

On the indoor units, service and maintenance expense is reduced due to the permanent easy to clean filters. Also, error codes appear on the front panel to alert the user to certain system malfunctions.

Built-in Reliability

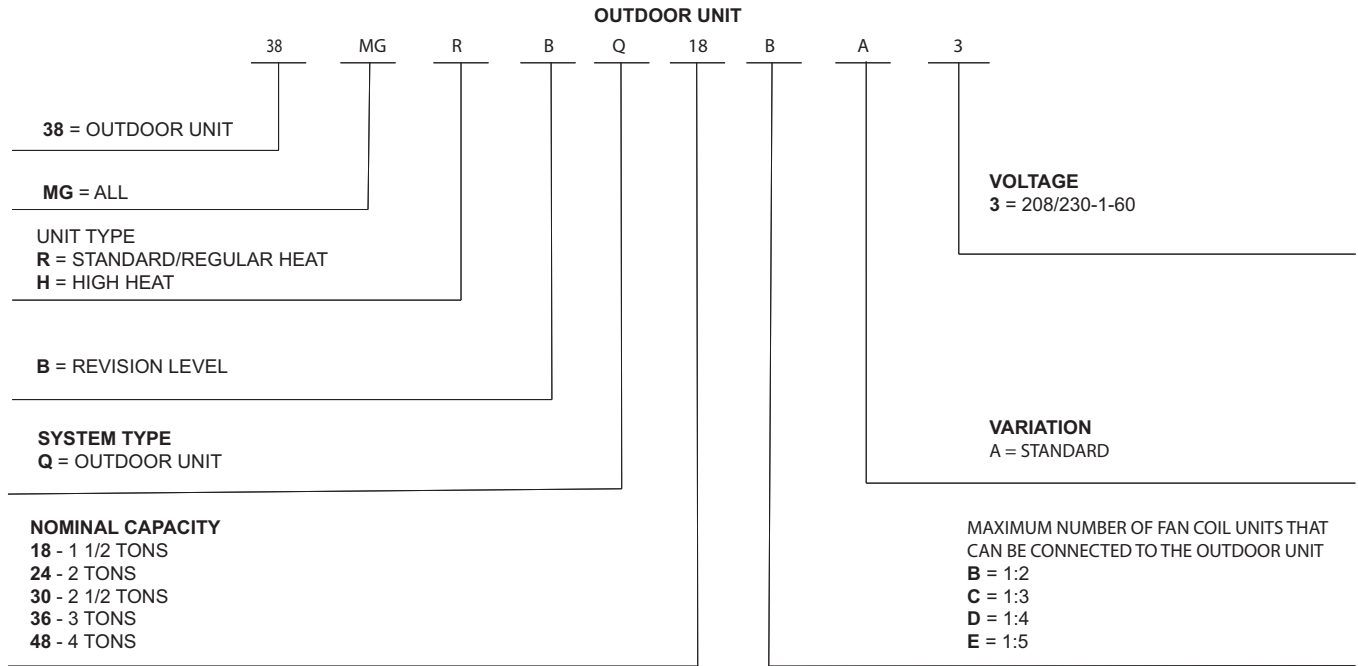
Ductless system indoor and outdoor units are designed to provide years of trouble-free operation. Both the indoor and outdoor units are well protected. Whenever the microprocessor detects abnormal conditions, the unit stops and an error code appears.

Inverter systems provide additional reliability due to the soft start. This refers to the ability of the inverter to start the compressor motor using reduced voltage and reduced current. This feature is beneficial from an electrical standpoint (eliminates current spikes) as well as an overall reliability standpoint due to reduced stress on all associated system components.

Agency Listings

All systems are listed with AHRI (Air conditioning, Heating, and Refrigeration Institute) and are UL/ETL certified per UL 60335-2-40 standard.

MODEL NUMBER NOMENCLATURE



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program For verification of certification for individual products, go to www.ahridirectory.org.



STANDARD FEATURES AND ACCESSORIES

Ease Of Installation	
Low Voltage Controls	S
Comfort Features	
Microprocessor Control	S
Auto Restart Function	S
Auto Changeover	S
Low Ambient Cooling	S
Low Ambient Heating	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
Aluminum Golden Hydrophilic pre-coated fins	S
Ease Of Service And Maintenance	
Diagnostics	S
Error Messages Displayed On Front Panel	S
Application Flexibility	
Crankcase Heater	S
Base pan Heater	S

Outdoor Units

Crankcase Heater

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

Base pan Heater

The base pan heater is standard on all unit sizes.

Legend

S - Standard

A - Accessory

ACCESSORIES

Outdoor Unit Model Number	Sizes	Base Pan Base Rubber Plugs RCD Part No.	Qty. per Unit
38MGRBQ18BA3	18K (18R)	12600801A00077	25
38MGHBQ24CA3 38MGHBQ30DA3 38MGRBQ36DA3	24K (24HH) 30K (30HH) 36K (36R)	12600801A00117	5
38MGHBQ36DA3 38MGRBQ48EA3 38MGHBQ48EA3	36K (36HH) 48K (48R) 48K (48HH)	12600801A00118	5

NOTE: The basepan is built in with multiple holes for proper draining during defrost. For applications where it is required to seal these holes, and re-direct the condensate drain, rubber plugs are available through RCD.

DIMENSIONS

SYSTEM SIZE		18K	24K HIGH HEAT	30K HIGH HEAT	36K	36K HIGH HEAT	48K	48K HIGH HEAT
		(208/230 V)	(208/230 V)	(208/230 V)	(208/230 V)	(208/230 V)	(208/230 V)	(208/230 V)
Height (H)	in (mm)	26.50(673)	31.89(810)	31.89(810)	31.89(810)	52.48(1333)	52.48(1333)	52.48(1333)
Width (W)	in (mm)	35.04(890)	37.24(946)	37.24(946)	37.24(946)	37.48(952)	37.48(952)	37.48(952)
Depth (D)	in (mm)	13.46(342)	16.14(410)	16.14(410)	16.14(410)	16.34(415)	16.34(415)	16.34(415)
Weight - Net	lbs. (kg)	100.31(45.5)	139.77(63.4)	169.09(76.7)	169.09(76.7)	223.1(101.2)	225.5(102.3)	238.32(108.1)
PACKAGING								
Height	in (mm)	29.53(750)	34.84(885)	34.84(885)	34.84(885)	58.27(1480)	58.27(1480)	58.27(1480)
Width	in (mm)	40.55(1030)	42.91(1090)	42.91(1090)	42.91(1090)	43.11(1095)	43.11(1095)	43.11(1095)
Depth	in (mm)	17.24(438)	19.69(500)	19.69(500)	19.69(500)	19.49(495)	19.49(495)	19.49(495)
Weight-Gross	lbs. (kg)	108.69(49.3)	150.57(68.3)	181.44(82.3)	181.44(82.3)	254(115.2)	256.6(116.4)	269.84(122.4)
Carton Drawing No.	--	ZXW-1015*423*715S-NS(V4)	ZXW-1075*485*860S-NS(V4)	ZXW-1075*485*860S-NS(V4)	ZXW-1075*485*860S-NS(V4)	ZXW-1080*480*1365S-NS1	ZXW-1080*480*1365S-NS1	ZXW-1080*480*1365S-NS1
Carton Material	--	Corrugated fiber board						
Material Thickness	in (mm)	0.28 (7)	0.28 (7)	0.28 (7)	0.28 (7)	0.28 (7)	0.28 (7)	0.28 (7)

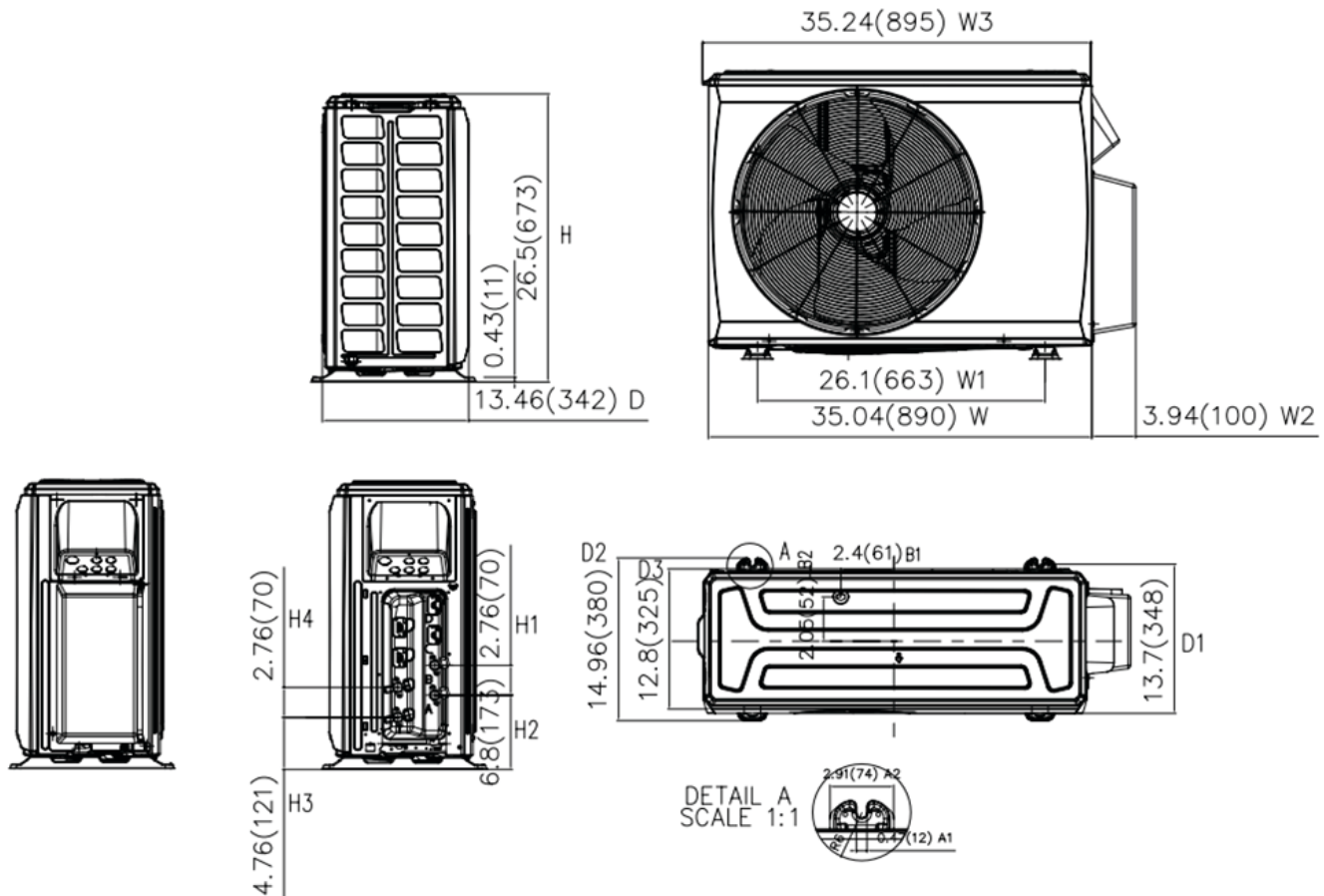


Fig. 4 — Outdoor Dimensions Size 18K (18R Standard)

NOTE: Master valves are not available on the 18K unit.

DIMENSIONS (CONT)

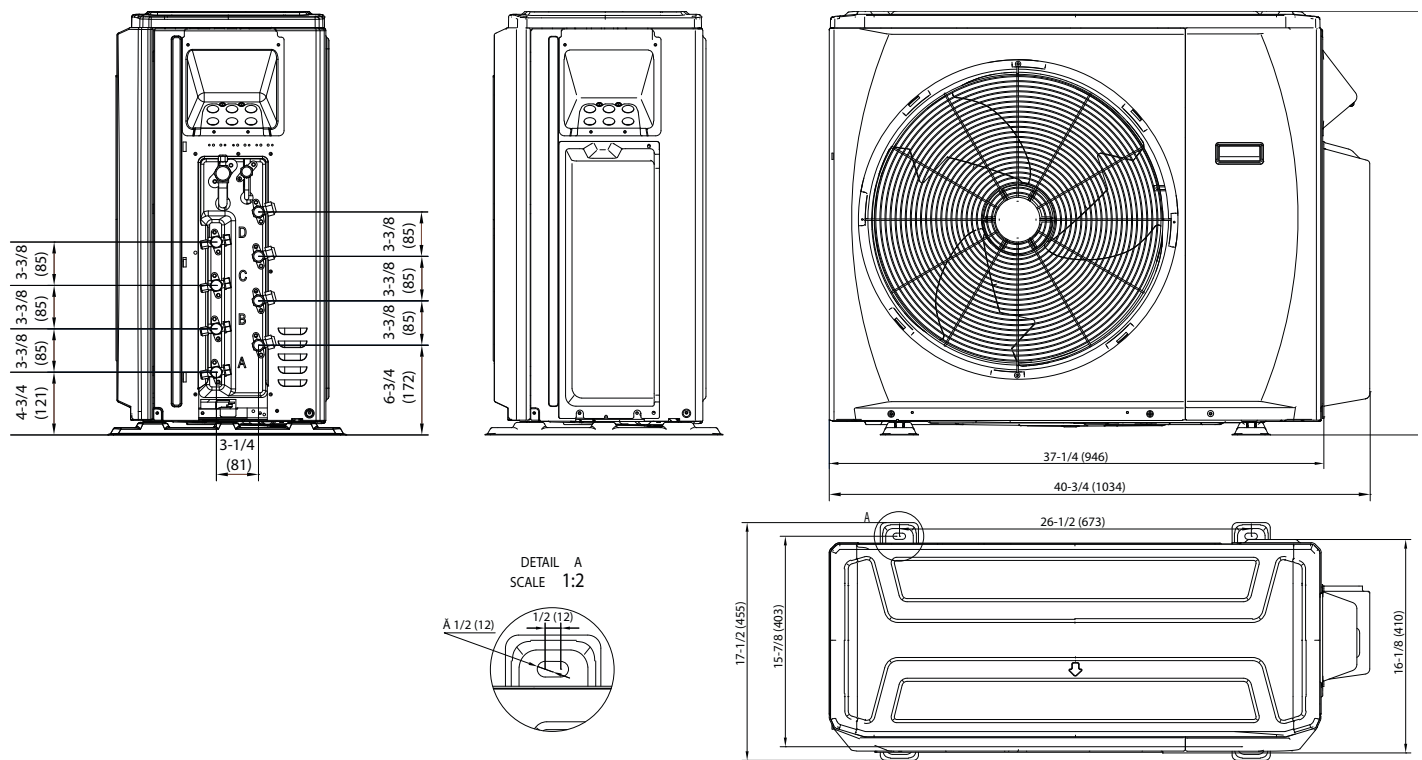


Fig. 5 — Outdoor Dimensions Size 24K (24R Standard), 30HH (30 High Heat), and 36K (36R Standard)

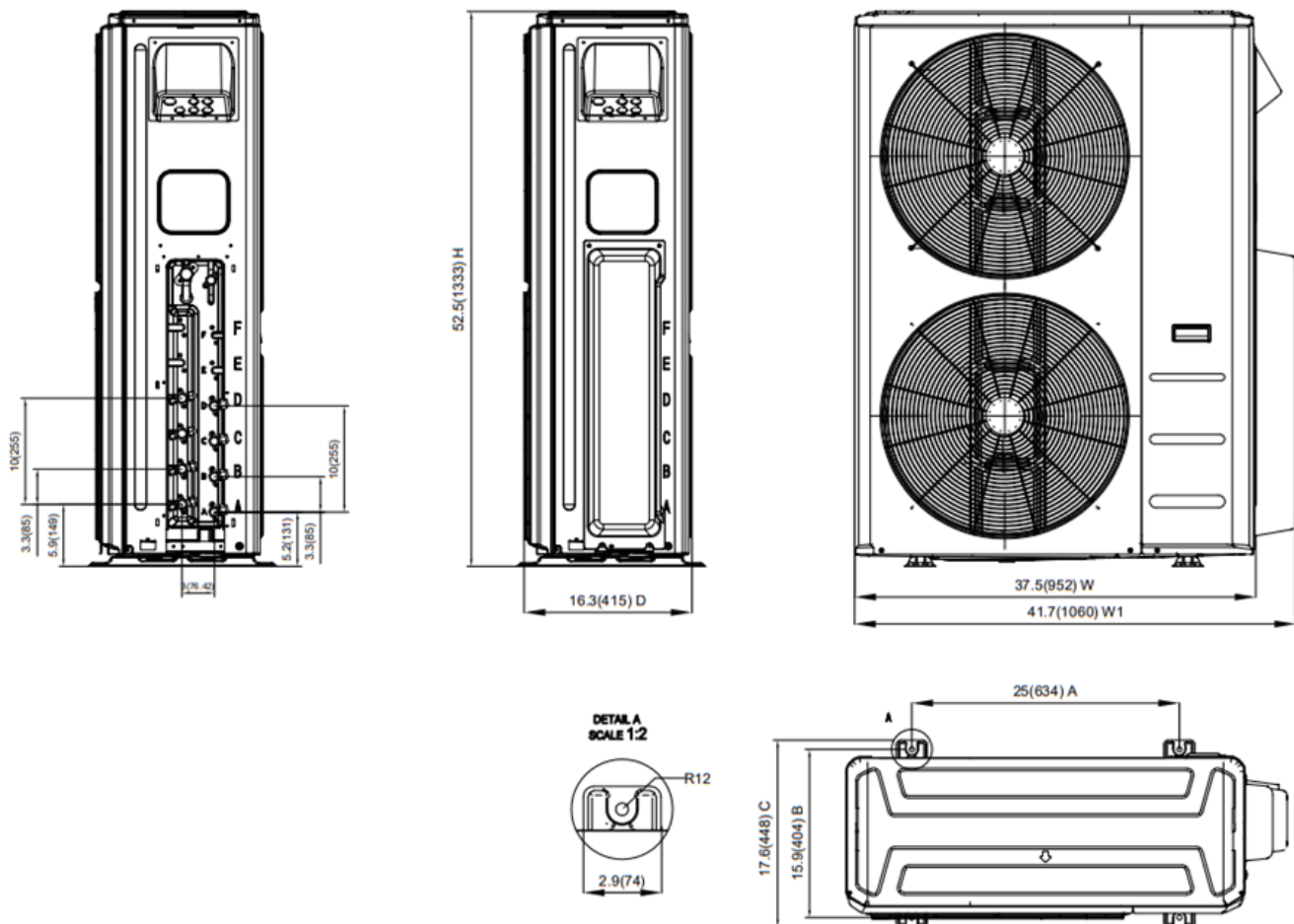


Fig. 6 — Outdoor Dimensions Size 36HH (36 High Heat)

DIMENSIONS (CONT)

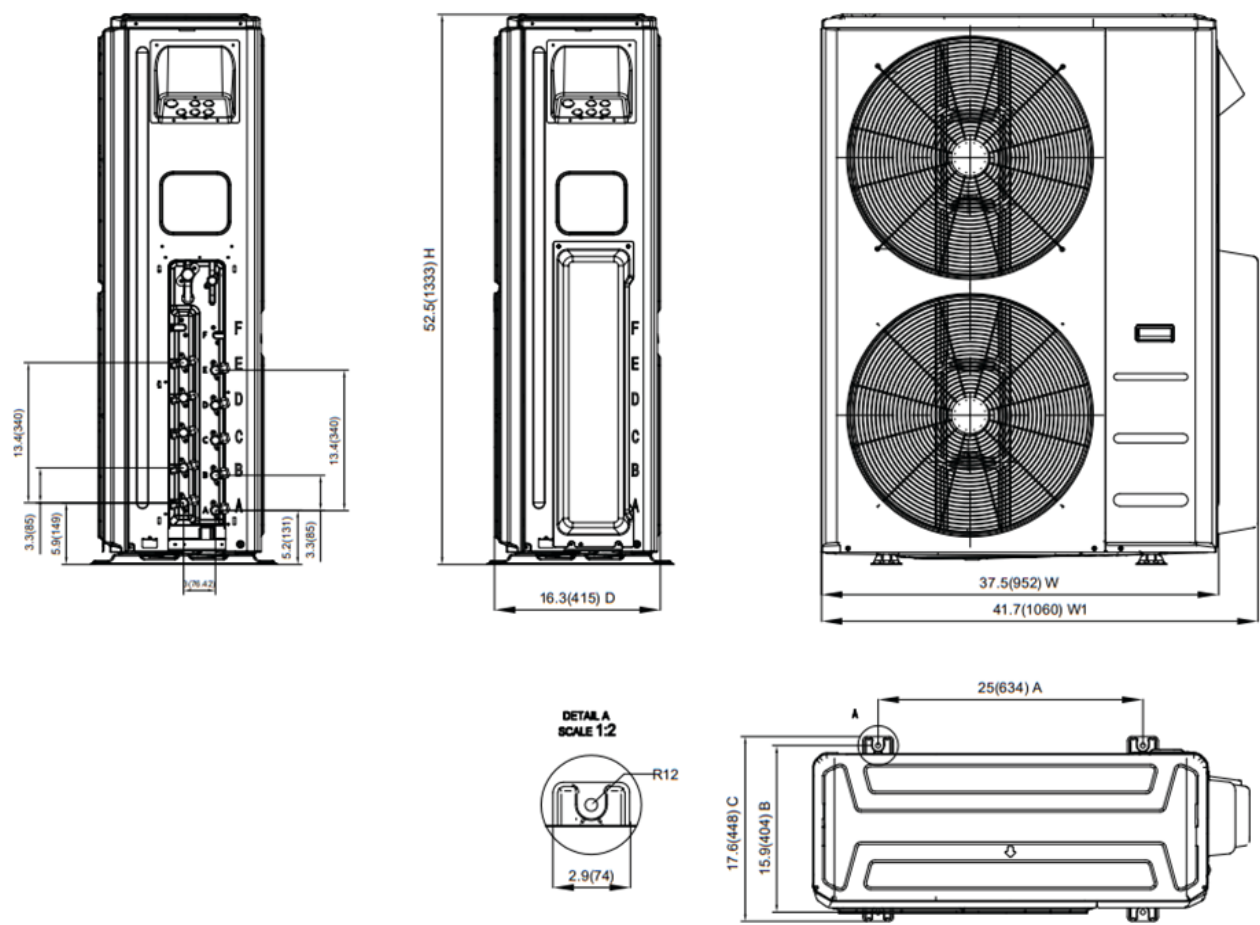


Fig. 7 — Outdoor Dimensions Size 48K and 48HH (48 Standard and High Heat)

CLEARANCES

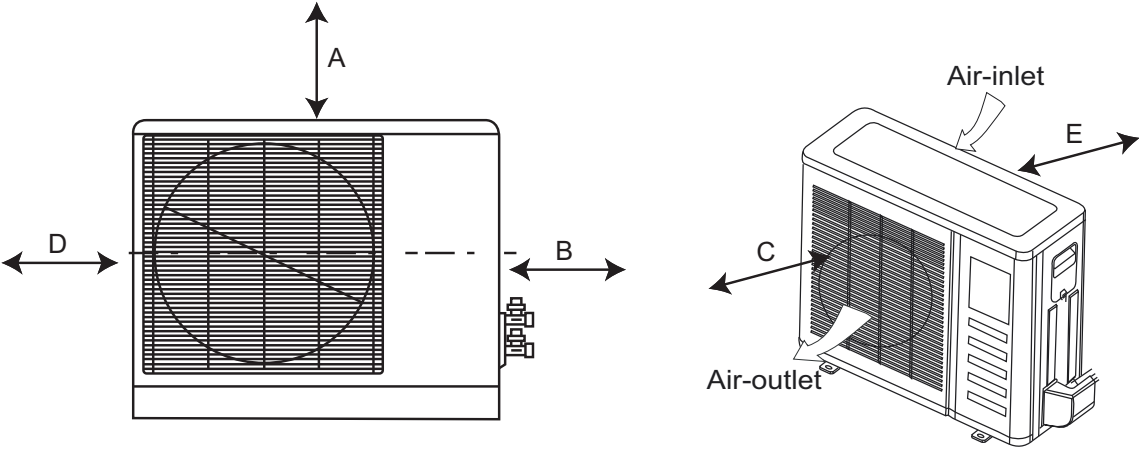


Fig. 8 — Clearances

UNIT	MINIMUM VALUE in. (mm)
A	24 (609)
B	24 (609)
C	24 (609)
D	4 (101)
E	6 (152)

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

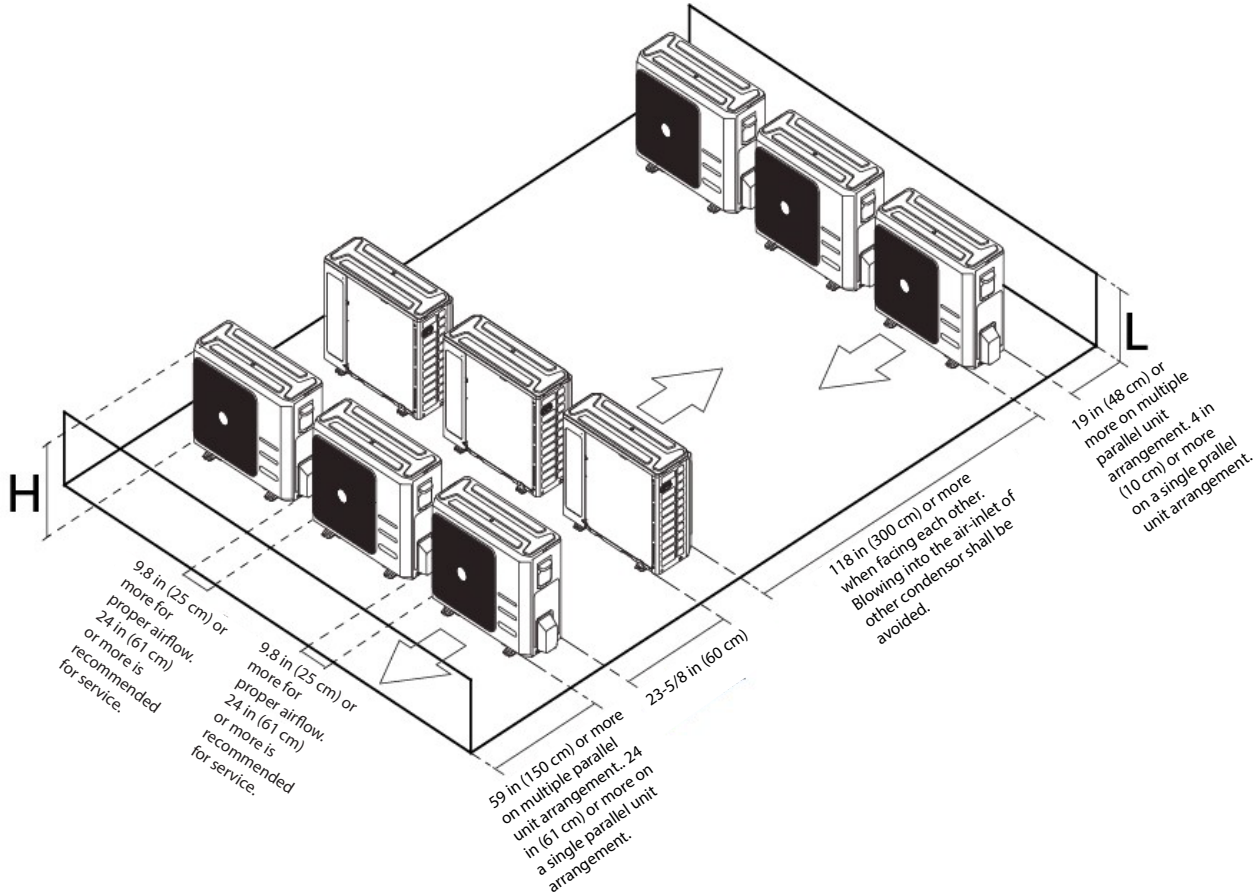


Fig. 9 — Clearances for multiple units

PHYSICAL DATA

SYSTEM	SIZE		18R	24HH	30HH	36R	36HH	48R	48HH
	Max Zone Number		2	3	4	4	4	5	5
OPERATING RANGE	Cooling Outdoor DB Min - Max	°F(°C)	-22~122 (-30~50)						
	Heating Outdoor DB Min - Max	°F(°C)	-22~75 (-30~24)						
PIPING	Total Piping Length	ft (m)	131 (40)	197 (60)	262 (80)	262 (80)	262 (80)	328 (100)	328 (100)
	Piping to furthest FCU	ft (m)	82 (25)	98 (30)	115 (35)	115 (35)	115 (35)	115 (35)	115 (35)
	Drop (OD above ID)	ft (m)	49 (15)	49 (15)	49 (15)	49 (15)	65 (20)	65 (20)	65 (20)
	Lift (OD below ID)	ft (m)	49 (15)	49 (15)	49 (15)	49 (15)	65 (20)	65 (20)	65 (20)
	Pipe Connection Size - Liquid	in (mm)	1/4*2 (6.35*2)	1/4*3 (6.35*3)	1/4*4 (6.35*4)	1/4*4 (6.35*4)	1/4*4 (6.35*4)	1/4*5 (6.35*5)	1/4*5 (6.35*5)
	Pipe Connection Size - Suction	in (mm)	3/8*2 (9.52*2)	3/8*3 (9.52*3)	1/2 *1+ 3/8*3 (12.7*1+9.52*3)		1/2 *2+ 3/8*2 (12.7*2+9.52*2)		1/2 *2+ 3/8*3 (12.7*2+9.52*3)
REFRIGERANT	Type		R410A						
	Charge	lbs (kg)	4.08 (1.85)	5.73 (2.6)	8.38 (3.8)	8.38 (3.8)	10.14 (4.6)	10.14 (4.6)	10.14 (4.6)
	Metering Device		EXV						
ELECTRICAL	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60						
	Power Supply		Indoor unit powered from outdoor unit						
	MCA	A.	18	24.5	25	25	40	40	40
	Recommended Fuse Size	A.	20	25	30	30	45	45	45
	MOPA - Fuse Rating	A.	25	30	40	40	60	60	60
COMPRESSOR	Type		Rotary Inverter						
	Model		KTN150D30UFZA	KTM240D43UKT	KTF310D43UMT	KTF310D43UMT	ATQ360D1UMU	ATQ360D1UMU	EAPQ420D1U-MUA
	Oil Type		ESTER OIL VG74						
	Oil Charge	Fl. Oz.	15.2	21	33.8	33.8	47.4	47.4	49.4
	Rated Current	RLA	11	14	18	18	24	24	30
OUTDOOR	Unit Width	in (mm)	35.04 (890)	37.24 (946)	37.24 (946)	37.24 (946)	37.48 (952)	37.48 (952)	37.48 (952)
	Unit Height	in (mm)	26.50 (673)	31.89 (810)	31.89 (810)	31.89 (810)	52.48 (1333)	52.48 (1333)	52.48 (1333)
	Unit Depth	in (mm)	13.46 (342)	16.14 (410)	16.14 (410)	16.14 (410)	16.34 (415)	16.34 (415)	16.34 (415)
	Net Weight	lbs (kg)	100.31 (45.5)	139.77 (63.4)	169.09 (76.7)	169.09 (76.7)	223.1 (101.2)	225.5 (102.3)	238.32 (108.1)
	Airflow	CFM	1,765	2,129	2,147	2,147	4,500	4,500	4,500
	Sound Pressure	dB(A)	59	61	63	63	64	64	65

PERFORMANCE

System	Size		18R	24HH	30HH	36R	36HH	48R	48HH
	Outdoor Model		38MGRBQ18BA3	38MGHBQ24CA3	38MGHBQ30DA3	38MGRBQ36DA3	38MGHBQ36DA3	38MGRBQ48EA3	38MGHBQ48EA3
	Max Number of Zones		2	3	4	4	4	5	5
Performance Non-Ducted	Energy Star		YES	YES	YES	NO	YES	YES	NO
	Cooling System Tons		1.5	2	2.5	3	3	4	4
	Cooling Rated Capacity	Btu/h	18,000	24,000	30,000	36,000	36,000	48,000	48,000
	Cooling Cap. Range Min - Max	Btu/h	5,600~22,000	9,500~32,100	9,400~41,800	8,200~41,600	9,600~45,100	9,900~53,200	9,700~53,300
	SEER		22.5	24.1	25	23	21.8	22.4	21.5
	EER		13.3	13.1	12.5	11.5	13.6	12.5	11.6
	Heating Rated Capacity (47°F)	Btu/h	19,000	25,000	30,000	37,000	36,500	48,000	49,000
	Heating Rated Capacity (17°F)	Btu/h	11,000	16,300	17,500	23,500	23,200	29,600	30,000
	Heating Rated Capacity (5°F)	Btu/h	12,400	18,300	23,300	23,900	29,500	29,500	48,000
	Heating Maximum Capacity (5°F)	Btu/h	12,400	23,000	29,400	23,900	36,000	36,000	48,000
	Heating Cap. Range Min - Max	Btu/h	5,000~24,400	8,400~34,000	8,100~41,400	8,000~44,700	12,500~49,000	12,500~52,000	11,500~58,000
	HSPF		10.6	11	11.3	11.3	11	11	11
	COP (47°F)	W/W	3.92	4.1	3.81	3.61	3.85	3.6	3.59
	COP (17°F)	W/W	2.78	2.8	2.82	2.64	2.78	2.6	2.5
	COP (5°F) - Rated	W/W	1.8	1.8	1.9	1.8	1.8	1.8	2
	COP (5°F) - Maximum	W/W	1.75	1.75	1.9	1.75	1.75	1.75	2
Performance Combination Ducted and Non-Ducted	Energy Star		YES	YES	NO	NO	YES	NO	NO
	Cooling System Tons		1.5	2	2.5	3	3	4	4
	Cooling Rated Capacity	Btu/h	18,000	24,000	30,000	36,000	36,000	48,000	48,000
	Cooling Cap. Range Min - Max	Btu/h	4,700~22,200	7,800~31,400	8,700~40,700	8,400~41,400	9,700~43,200	10,200~53,600	9,900~53,400
	SEER		20.8	22.6	22.4	21.3	20.4	21.5	20.9
	EER		12.7	12.8	12.1	11.3	12.5	11.3	11.5
	Heating Rated Capacity (47°F)	Btu/h	19,000	24,500	30,000	37,000	36,750	49,000	49,500
	Heating Rated Capacity (17°F)	Btu/h	11,350	15,650	17,900	23,250	23,100	29,300	29,000
	Heating Rated Capacity (5°F)	Btu/h	12,700	18,000	23,500	23,900	28,700	28,700	48,000
	Heating Maximum Capacity (5°F)	Btu/h	12,700	22,000	29,000	23,900	36,000	36,000	48,000
	Heating Cap. Range Min - Max	Btu/h	4,600~25,100	7,800~33,800	7,385~42,300	7,400~45,700	12,900~48,000	14,000~54,000	11,750~58,500
	HSPF		10.7	10.8	10.7	11	11	10.6	10.8
	COP (47°F)	W/W	3.86	3.96	3.81	3.61	3.8	3.59	3.73
	COP (17°F)	W/W	2.78	2.85	2.79	2.64	2.65	2.61	2.48
	COP (5°F) - Rated	W/W	1.75	1.85	1.88	1.72	1.7	1.7	1.9
	COP (5°F) - Maximum	W/W	1.75	1.85	1.88	1.72	1.8	1.8	1.9
Performance Ducted	Energy Star		NO	YES	NO	NO	NO	NO	NO
	Cooling System Tons		1.5	2	2.5	3	3	4	4
	Cooling Rated Capacity	Btu/h	18,000	24,000	30,000	36,000	36,000	48,000	48,000
	Cooling Cap. Range Min - Max	Btu/h	3,800~22,400	6,100~30,700	8,100~39,500	8,700~41,300	9,800~47,000	10,500~54,000	10,200~53,500
	SEER		19	21.1	19.8	19.5	19	20.5	20.2
	EER		12	12.5	11.6	11	11.3	10.1	11.4
	Heating Rated Capacity (47°F)	Btu/h	19,000	24,000	30,000	37,000	37,000	50,000	50,000
	Heating Rated Capacity (17°F)	Btu/h	11,700	15,000	18,300	23,000	23,000	29,000	28,000
	Heating Rated Capacity (5°F)	Btu/h	13,000	17,500	23,600	24,000	28,000	28,000	48,000
	Heating Maximum Capacity (5°F)	Btu/h	13,000	21,500	28,600	24,000	36,000	36,000	48,000
	Heating Cap. Range Min - Max	Btu/h	4,300~25,800	7,300~33,700	6,600~43,200	6,900~46,700	13,300~47,000	15,500~56,000	12,000~59,000
	HSPF		10.8	10.5	10	10.7	11	10.1	10.5
	COP (47°F)	W/W	3.8	3.81	3.81	3.6	3.74	3.57	3.86
	COP (17°F)	W/W	2.78	2.85	2.75	2.64	2.52	2.62	2.45
	COP (5°F) - Rated	W/W	1.75	1.95	1.85	1.68	1.7	1.7	1.85
	COP (5°F) - Maximum	W/W	1.75	1.95	1.85	1.68	1.8	1.8	1.85

NOTE: See the current compatibility chart for a list of the indoor and outdoor unit match ups.

COOLING PERFORMANCE NON-DUCTED

COOLING PERFORMANCE 18K

PERFORMANCE NON-DUCTED 18K (Sheet 1 of 4)

AIRFLOW (CFM)	OUTDOOR DB °F	ID WB(°F)	60.8				64.4				66.2				71.6			
		ID DB(°F)	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.20	73.4	77.0	80.6	84.2
Low	-22	TC	10987	11001	11014	11029	11647	11661	11675	11688	12343	12359	12375	13062	13079	13093	13109	13125
		S/T	0.22	0.25	0.29	0.33	0.23	0.26	0.31	0.35	0.24	0.28	0.32	0.37	0.42	0.48	0.55	0.62
		PI	0.80	0.81	0.81	0.81	0.85	0.85	0.85	0.86	0.90	0.90	0.91	0.96	0.96	0.96	0.96	0.96
	-10	TC	10749	10764	10776	10790	11395	11409	11422	11436	12076	12092	12108	12795	12812	12826	12842	12858
		S/T	0.22	0.25	0.29	0.33	0.23	0.26	0.31	0.35	0.24	0.28	0.33	0.37	0.42	0.48	0.55	0.63
		PI	0.76	0.76	0.76	0.76	0.80	0.80	0.80	0.80	0.85	0.85	0.85	0.90	0.90	0.90	0.90	0.90
	0	TC	10551	10565	10577	10591	11185	11199	11212	11225	11854	11869	11885	12572	12589	12603	12619	12635
		S/T	0.22	0.25	0.29	0.33	0.23	0.26	0.31	0.35	0.25	0.28	0.33	0.37	0.43	0.49	0.55	0.63
		PI	0.72	0.72	0.72	0.72	0.76	0.76	0.76	0.76	0.80	0.80	0.81	0.85	0.85	0.85	0.85	0.85
	5	TC	10452	10466	10478	10492	11080	11094	11107	11120	11743	11758	11773	12460	12477	12491	12507	12523
		S/T	0.22	0.25	0.29	0.33	0.23	0.27	0.31	0.35	0.25	0.28	0.33	0.37	0.43	0.49	0.56	0.63
		PI	0.69	0.70	0.70	0.70	0.74	0.74	0.74	0.74	0.78	0.78	0.78	0.83	0.83	0.83	0.83	0.83
	14	TC	10274	10288	10299	10313	10892	10904	10917	10930	11542	11557	11572	12260	12276	12290	12307	12323
		S/T	0.22	0.25	0.29	0.34	0.23	0.27	0.31	0.36	0.25	0.28	0.33	0.38	0.43	0.49	0.56	0.64
		PI	0.66	0.66	0.66	0.66	0.70	0.70	0.70	0.70	0.74	0.74	0.74	0.78	0.78	0.79	0.79	0.79
	23	TC	10273	10287	10298	10312	10890	10903	10916	10929	11541	11556	11571	12258	12275	12289	12305	12321
		S/T	0.22	0.25	0.30	0.34	0.24	0.27	0.31	0.36	0.25	0.28	0.33	0.38	0.43	0.49	0.56	0.64
		PI	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69	0.73	0.73	0.73	0.77	0.77	0.77	0.77	0.77
	32	TC	10360	10374	10385	10399	10982	10995	11009	11022	11639	11654	11669	12356	12373	12387	12403	12419
		S/T	0.22	0.25	0.30	0.34	0.24	0.27	0.31	0.36	0.25	0.29	0.33	0.38	0.43	0.49	0.56	0.64
		PI	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69	0.73	0.73	0.73	0.77	0.77	0.77	0.77	0.77
	41	TC	10325	10339	10351	10365	10946	10959	10972	10985	11600	11615	11630	12318	12334	12348	12365	12381
		S/T	0.22	0.26	0.30	0.34	0.24	0.27	0.32	0.36	0.25	0.29	0.34	0.38	0.44	0.50	0.57	0.65
		PI	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69	0.73	0.73	0.73	0.78	0.78	0.78	0.78	0.78
	50	TC	10337	10351	10362	10376	10958	10971	10984	10997	11613	11628	11643	12330	12347	12361	12377	12394
		S/T	0.23	0.26	0.30	0.34	0.24	0.27	0.32	0.36	0.25	0.29	0.34	0.38	0.44	0.50	0.57	0.65
		PI	0.66	0.66	0.66	0.67	0.70	0.70	0.70	0.71	0.74	0.75	0.75	0.79	0.79	0.79	0.79	0.79
	59	TC	10561	10575	10587	10601	11196	11209	11222	11236	11865	11880	11896	12583	12600	12614	12630	12646
		S/T	0.23	0.26	0.30	0.34	0.24	0.27	0.32	0.36	0.25	0.29	0.34	0.39	0.44	0.50	0.57	0.65
		PI	0.68	0.68	0.68	0.69	0.72	0.72	0.73	0.73	0.77	0.77	0.77	0.81	0.81	0.81	0.82	0.82
	68	TC	10785	10800	10812	10826	11433	11447	11461	11474	12117	12132	12148	12835	12852	12866	12882	12899
		S/T	0.23	0.26	0.30	0.35	0.24	0.27	0.32	0.37	0.26	0.29	0.34	0.39	0.44	0.50	0.58	0.66
		PI	0.70	0.70	0.70	0.71	0.74	0.75	0.75	0.75	0.79	0.79	0.79	0.84	0.84	0.84	0.84	0.84
	77	TC	11009	11024	11037	11051	11671	11685	11699	11713	12369	12385	12401	13088	13105	13119	13135	13151
		S/T	0.23	0.27	0.31	0.35	0.25	0.28	0.33	0.38	0.26	0.30	0.35	0.40	0.45	0.52	0.59	0.67
		PI	0.72	0.72	0.72	0.73	0.77	0.77	0.77	0.77	0.81	0.81	0.81	0.86	0.86	0.86	0.86	0.86
	86	TC	10751	10766	10778	10792	11397	11411	11424	11438	12078	12094	12110	12797	12814	12828	12844	12860
		S/T	0.24	0.27	0.32	0.36	0.25	0.29	0.33	0.38	0.27	0.30	0.35	0.40	0.46	0.52	0.60	0.68
		PI	0.79	0.79	0.79	0.79	0.84	0.84	0.84	0.84	0.89	0.89	0.89	0.94	0.94	0.94	0.94	0.95
	95	TC	10864	10879	10891	10905	11517	11531	11544	11558	12205	12221	12237	12924	12941	12955	12971	12987
		S/T	0.24	0.28	0.32	0.37	0.26	0.29	0.34	0.39	0.27	0.31	0.36	0.41	0.47	0.54	0.61	0.70
		PI	0.82	0.82	0.82	0.82	0.87	0.87	0.87	0.87	0.92	0.92	0.93	0.98	0.98	0.98	0.98	0.98
	104	TC	8146	8157	8166	8177	8636	8646	8656	8667	9152	9164	9176	9863	9880	9894	9910	9926
		S/T	0.25	0.29	0.34	0.39	0.27	0.31	0.36	0.41	0.29	0.33	0.38	0.43	0.50	0.57	0.64	0.73
		PI	0.72	0.72	0.72	0.72	0.76	0.76	0.76	0.76	0.81	0.81	0.81	0.86	0.86	0.86	0.86	0.87
	115	TC	6109	6117	6124	6132	6476	6483	6491	6499	6863	6872	6881	7568	7585	7599	7615	7631
		S/T	0.26	0.29	0.34	0.39	0.27	0.31	0.36	0.42	0.29	0.33	0.39	0.44	0.50	0.57	0.65	0.74
		PI	0.63	0.63	0.63	0.63	0.66	0.67	0.67	0.67	0.70	0.70	0.71	0.74	0.74	0.75	0.75	0.75
	122	TC	4581	4587	4592	4598	4856	4862	4867	4873	5146	5153	5159	6179	6204	6225	6249	6273
		S/T	0.27	0.30	0.36	0.41	0.28	0.32	0.38	0.43	0.30	0.34	0.40	0.46	0.52	0.59	0.67	0.77
		PI	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.61	0.62	0.62	0.65	0.65	0.65	0.65	0.65

PERFORMANCE NON-DUCTED 18K (Sheet 2 of 4)

AIRFLOW (CFM)	OUTDOOR DB °F	ID WB(°F)	60.8				64.4				66.2				71.6			
		ID DB(°F)	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.20	73.4	77.0	80.6	84.2
Med	-22	TC	14171	14190	14206	14225	15023	15040	15058	15076	15910	15930	15951	16837	16858	16876	16897	16918
		S/T	0.32	0.37	0.43	0.49	0.34	0.39	0.45	0.52	0.36	0.41	0.48	0.55	0.62	0.71	0.81	0.93
		PI	1.19	1.19	1.19	1.19	1.26	1.26	1.26	1.26	1.33	1.34	1.34	1.41	1.41	1.42	1.42	1.42
	-10	TC	13846	13865	13880	13899	14678	14695	14713	14731	15565	15585	15606	16492	16513	16531	16552	16573
		S/T	0.32	0.37	0.43	0.49	0.34	0.39	0.46	0.52	0.36	0.41	0.48	0.55	0.63	0.72	0.82	0.93
		PI	1.12	1.12	1.12	1.12	1.18	1.18	1.19	1.19	1.25	1.26	1.26	1.33	1.33	1.33	1.33	1.33
	0	TC	13576	13594	13609	13627	14390	14408	14426	14443	15278	15298	15318	16204	16226	16244	16265	16286
		S/T	0.32	0.37	0.43	0.49	0.34	0.39	0.46	0.52	0.36	0.42	0.49	0.55	0.63	0.72	0.82	0.94
		PI	1.06	1.06	1.06	1.06	1.12	1.12	1.12	1.12	1.19	1.19	1.19	1.26	1.26	1.26	1.26	1.26
	5	TC	13440	13458	13474	13492	14247	14264	14282	14300	15134	15154	15175	16061	16082	16100	16121	16142
		S/T	0.33	0.37	0.43	0.50	0.35	0.39	0.46	0.52	0.37	0.42	0.49	0.56	0.63	0.72	0.82	0.94
		PI	1.03	1.03	1.03	1.03	1.09	1.09	1.09	1.09	1.15	1.15	1.16	1.22	1.22	1.22	1.23	1.23
	14	TC	13197	13215	13230	13247	13988	14006	14023	14041	14875	14896	14916	15802	15824	15842	15862	15883
		S/T	0.33	0.37	0.44	0.50	0.35	0.40	0.46	0.53	0.37	0.42	0.49	0.56	0.64	0.73	0.83	0.94
		PI	0.97	0.97	0.97	0.98	1.03	1.03	1.03	1.03	1.09	1.09	1.10	1.16	1.16	1.16	1.16	1.16
	23	TC	13195	13213	13228	13246	13986	14004	14021	14039	14873	14894	14914	15800	15822	15840	15861	15881
		S/T	0.33	0.38	0.44	0.50	0.35	0.40	0.46	0.53	0.37	0.42	0.49	0.56	0.64	0.73	0.83	0.95
		PI	0.96	0.96	0.96	0.96	1.01	1.01	1.02	1.02	1.07	1.07	1.08	1.14	1.14	1.14	1.14	1.14
	32	TC	13314	13332	13347	13365	14113	14130	14148	14166	15000	15020	15041	15926	15948	15966	15987	16008
		S/T	0.33	0.38	0.44	0.50	0.35	0.40	0.47	0.53	0.37	0.42	0.50	0.56	0.64	0.73	0.84	0.95
		PI	0.96	0.96	0.96	0.96	1.01	1.02	1.02	1.02	1.07	1.08	1.08	1.14	1.14	1.14	1.14	1.14
	41	TC	13267	13285	13300	13318	14063	14080	14098	14116	14950	14970	14991	15877	15898	15916	15937	15958
		S/T	0.33	0.38	0.44	0.51	0.35	0.40	0.47	0.54	0.37	0.43	0.50	0.57	0.65	0.74	0.84	0.96
		PI	0.96	0.96	0.97	0.97	1.02	1.02	1.02	1.02	1.08	1.08	1.08	1.15	1.15	1.15	1.15	1.15
	50	TC	13283	13301	13316	13334	14079	14097	14115	14132	14966	14987	15007	15893	15915	15933	15954	15975
		S/T	0.33	0.38	0.45	0.51	0.35	0.40	0.47	0.54	0.38	0.43	0.50	0.57	0.65	0.74	0.85	0.96
		PI	0.98	0.98	0.98	0.98	1.04	1.04	1.04	1.04	1.10	1.10	1.10	1.16	1.17	1.17	1.17	1.17
	59	TC	13589	13607	13623	13641	14405	14422	14440	14458	15292	15312	15333	16219	16240	16258	16279	16300
		S/T	0.34	0.38	0.45	0.51	0.36	0.41	0.47	0.54	0.38	0.43	0.50	0.57	0.65	0.75	0.85	0.97
		PI	1.01	1.01	1.01	1.01	1.07	1.07	1.07	1.07	1.13	1.13	1.14	1.20	1.20	1.20	1.20	1.21
	68	TC	13895	13914	13930	13949	14730	14748	14766	14783	15617	15638	15658	16544	16566	16584	16605	16625
		S/T	0.34	0.38	0.45	0.51	0.36	0.41	0.48	0.54	0.38	0.43	0.51	0.58	0.66	0.75	0.85	0.97
		PI	1.04	1.04	1.04	1.04	1.10	1.10	1.10	1.10	1.17	1.17	1.17	1.23	1.24	1.24	1.24	1.24
	77	TC	14202	14221	14237	14256	15056	15073	15091	15109	15943	15963	15984	16870	16891	16909	16930	16951
		S/T	0.35	0.39	0.46	0.53	0.37	0.42	0.49	0.56	0.39	0.44	0.52	0.59	0.67	0.77	0.88	1.00
		PI	1.07	1.07	1.07	1.07	1.13	1.13	1.13	1.14	1.20	1.20	1.20	1.27	1.27	1.27	1.27	1.28
	86	TC	13849	13867	13883	13902	14681	14698	14716	14734	15568	15588	15609	16495	16516	16534	16555	16576
		S/T	0.35	0.40	0.47	0.53	0.37	0.42	0.50	0.57	0.39	0.45	0.53	0.60	0.68	0.78	0.89	1.00
		PI	1.17	1.17	1.17	1.17	1.24	1.24	1.24	1.24	1.31	1.31	1.32	1.39	1.39	1.39	1.39	1.40
	95	TC	14003	14022	14038	14056	14845	14862	14880	14897	15732	15752	15773	16658	16680	16698	16719	16740
		S/T	0.36	0.41	0.48	0.55	0.38	0.43	0.51	0.58	0.40	0.46	0.54	0.61	0.70	0.80	0.91	1.00
		PI	1.21	1.21	1.22	1.22	1.29	1.29	1.29	1.29	1.36	1.36	1.37	1.44	1.45	1.45	1.45	1.45
	104	TC	10290	10304	10315	10329	10899	10917	10934	10952	11786	11807	11827	12713	12735	12753	12773	12794
		S/T	0.38	0.43	0.50	0.57	0.40	0.46	0.53	0.61	0.42	0.48	0.57	0.65	0.74	0.84	0.96	1.00
		PI	1.06	1.06	1.06	1.06	1.12	1.12	1.13	1.13	1.19	1.19	1.19	1.27	1.27	1.27	1.28	1.28
	115	TC	7506	7516	7524	7535	7941	7958	7976	7993	8828	8848	8869	9754	9776	9794	9815	9836
		S/T	0.38	0.44	0.51	0.58	0.41	0.46	0.54	0.62	0.43	0.49	0.57	0.65	0.74	0.85	0.97	1.00
		PI	0.93	0.93	0.93	0.93	0.98	0.98	0.98	0.98	1.04	1.04	1.04	1.10	1.10	1.10	1.10	1.10
	122	TC	5011	5018	5024	5031	5273	5299	5325	5351	6589	6620	6650	7965	7997	8024	8055	8085
		S/T	0.40	0.45	0.53	0.60	0.42	0.48	0.56	0.64	0.44	0.51	0.59	0.68	0.77	0.88	1.00	1.00
		PI	0.81	0.81	0.81	0.81	0.86	0.86	0.86	0.86	0.91	0.91	0.91	0.96	0.96	0.96	0.97	0.97

PERFORMANCE NON-DUCTED 18K (Sheet 3 of 4)

AIRFLOW (CFM)	OUTDOOR DB °F	ID WB(°F) ID DB(°F)	60.8				64.4				66.2				71.6			
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2
High	-22	TC	21029	21057	21081	21109	22294	22320	22346	22372	23610	23640	23671	24985	25017	25044	25075	25106
		S/T	0.48	0.54	0.63	0.72	0.50	0.58	0.67	0.77	0.53	0.61	0.71	0.81	0.93	1.00	1.00	1.00
		PI	1.76	1.76	1.77	1.77	1.87	1.87	1.87	1.87	1.98	1.98	1.99	2.10	2.10	2.10	2.10	2.11
	-10	TC	20547	20575	20598	20626	21782	21808	21834	21860	23098	23129	23159	24473	24506	24533	24563	24594
		S/T	0.48	0.55	0.64	0.73	0.51	0.58	0.68	0.77	0.54	0.61	0.72	0.82	0.93	1.00	1.00	1.00
		PI	1.66	1.66	1.66	1.66	1.76	1.76	1.76	1.76	1.86	1.86	1.87	1.97	1.97	1.97	1.98	1.98
	0	TC	20146	20173	20196	20223	21355	21381	21408	21434	22672	22702	22732	24047	24079	24106	24137	24168
		S/T	0.48	0.55	0.64	0.73	0.51	0.58	0.68	0.78	0.54	0.62	0.72	0.82	0.94	1.00	1.00	1.00
		PI	1.57	1.57	1.57	1.57	1.66	1.66	1.67	1.67	1.76	1.76	1.77	1.86	1.87	1.87	1.87	1.87
	5	TC	19945	19972	19995	20022	21142	21168	21194	21221	22458	22489	22519	23834	23866	23893	23924	23954
		S/T	0.48	0.55	0.64	0.73	0.51	0.58	0.68	0.78	0.54	0.62	0.72	0.83	0.94	1.00	1.00	1.00
		PI	1.52	1.52	1.53	1.53	1.61	1.62	1.62	1.62	1.71	1.71	1.72	1.81	1.81	1.82	1.82	1.82
	14	TC	19584	19611	19633	19659	20758	20784	20810	20837	22075	22105	22135	23450	23482	23509	23540	23571
		S/T	0.49	0.55	0.65	0.74	0.51	0.59	0.69	0.78	0.55	0.62	0.73	0.83	0.95	1.00	1.00	1.00
		PI	1.44	1.44	1.45	1.45	1.53	1.53	1.53	1.53	1.62	1.62	1.63	1.72	1.72	1.72	1.72	1.72
	23	TC	19581	19608	19630	19656	20755	20781	20808	20834	22072	22102	22133	23447	23479	23506	23537	23568
		S/T	0.49	0.56	0.65	0.74	0.52	0.59	0.69	0.79	0.55	0.63	0.73	0.83	0.95	1.00	1.00	1.00
		PI	1.42	1.42	1.42	1.42	1.50	1.50	1.51	1.51	1.59	1.59	1.60	1.69	1.69	1.69	1.69	1.69
	32	TC	19758	19785	19807	19834	20943	20969	20995	21021	22259	22290	22320	23635	23667	23694	23725	23755
		S/T	0.49	0.56	0.65	0.75	0.52	0.59	0.69	0.79	0.55	0.63	0.74	0.84	0.96	1.00	1.00	1.00
		PI	1.42	1.42	1.42	1.43	1.51	1.51	1.51	1.51	1.60	1.60	1.60	1.69	1.69	1.69	1.70	1.70
	41	TC	19689	19715	19737	19764	20869	20895	20921	20948	22186	22216	22246	23561	23593	23620	23651	23682
		S/T	0.49	0.56	0.66	0.75	0.52	0.60	0.70	0.79	0.55	0.63	0.74	0.84	0.96	1.00	1.00	1.00
		PI	1.43	1.43	1.43	1.43	1.52	1.52	1.52	1.52	1.61	1.61	1.61	1.70	1.70	1.70	1.71	1.71
	50	TC	19712	19738	19760	19787	20894	20920	20946	20972	22210	22240	22271	23585	23617	23644	23675	23706
		S/T	0.50	0.57	0.66	0.75	0.53	0.60	0.70	0.80	0.56	0.63	0.74	0.85	0.96	1.00	1.00	1.00
		PI	1.45	1.45	1.46	1.46	1.54	1.54	1.54	1.55	1.63	1.63	1.64	1.73	1.73	1.73	1.73	1.74
	59	TC	20166	20193	20216	20243	21377	21403	21429	21455	22693	22723	22754	24068	24100	24127	24158	24189
		S/T	0.50	0.57	0.66	0.76	0.53	0.60	0.70	0.80	0.56	0.64	0.75	0.85	0.97	1.00	1.00	1.00
		PI	1.50	1.50	1.50	1.50	1.59	1.59	1.59	1.59	1.68	1.68	1.69	1.78	1.78	1.78	1.79	1.79
	68	TC	20621	20648	20672	20699	21860	21886	21912	21938	23176	23206	23237	24551	24583	24610	24641	24672
		S/T	0.50	0.57	0.67	0.76	0.53	0.60	0.71	0.81	0.56	0.64	0.75	0.86	0.97	1.00	1.00	1.00
		PI	1.54	1.54	1.54	1.55	1.63	1.63	1.64	1.64	1.73	1.73	1.73	1.83	1.83	1.84	1.84	1.84
	77	TC	21075	21104	21127	21156	22343	22369	22395	22421	23659	23689	23720	25034	25066	25093	25124	25155
		S/T	0.51	0.59	0.69	0.78	0.54	0.62	0.73	0.83	0.58	0.66	0.77	0.88	1.00	1.00	1.00	1.00
		PI	1.58	1.59	1.59	1.59	1.68	1.68	1.68	1.68	1.78	1.78	1.78	1.88	1.89	1.89	1.89	1.89
	86	TC	20551	20579	20602	20630	21786	21812	21838	21865	23102	23133	23163	24478	24510	24537	24568	24598
		S/T	0.52	0.59	0.69	0.79	0.55	0.63	0.74	0.84	0.59	0.67	0.78	0.89	1.00	1.00	1.00	1.00
		PI	1.73	1.73	1.74	1.74	1.84	1.84	1.84	1.84	1.95	1.95	1.95	2.06	2.06	2.07	2.07	2.07
	95	TC	20780	20808	20832	20860	22029	22055	22081	22108	23346	23376	23406	24721	24753	24780	24811	24842
		S/T	0.53	0.61	0.71	0.81	0.57	0.65	0.75	0.86	0.60	0.68	0.80	0.91	0.64	0.74	0.85	0.97
		PI	1.80	1.80	1.80	1.81	1.91	1.91	1.91	1.92	2.02	2.03	2.03	2.14	2.14	2.15	2.15	2.15
	104	TC	15270	15291	15308	15329	16174	16200	16226	16253	17491	17521	17551	18866	18898	18925	18956	18987
		S/T	0.56	0.64	0.75	0.85	0.59	0.68	0.79	0.90	0.63	0.72	0.84	0.96	1.00	1.00	1.00	1.00
		PI	1.57	1.57	1.58	1.58	1.67	1.67	1.67	1.67	1.77	1.77	1.77	1.89	1.89	1.89	1.89	1.90
	115	TC	11139	11154	11166	11181	11784	11810	11836	11862	13100	13131	13161	14475	14508	14534	14565	14596
		S/T	0.57	0.65	0.76	0.86	0.60	0.69	0.80	0.91	0.64	0.73	0.85	0.97	1.00	1.00	1.00	1.00
		PI	1.37	1.38	1.38	1.38	1.46	1.46	1.46	1.46	1.54	1.54	1.55	1.63	1.63	1.63	1.64	1.64
	122	TC	8040	8051	8060	8071	8492	8518	8544	8570	9808	9838	9869	11183	11215	11242	11273	11304
		S/T	0.59	0.67	0.78	0.89	0.62	0.71	0.83	0.95	0.66	0.75	0.88	1.00	1.00	1.00	1.00	1.00
		PI	1.20	1.20	1.20	1.20	1.27	1.27	1.27	1.28	1.35	1.35	1.35	1.43	1.43	1.43	1.43	1.43

PERFORMANCE NON-DUCTED 18K (Sheet 4 of 4)

AIRFLOW (CFM)	OUTDOOR DB °F	ID WB(°F) ID DB(°F)	60.8				64.4				66.2				71.6			
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2
Turbo	-22	TC	22758	22788	22814	22845	24125	24154	24183	24211	25567	25600	25634	27073	27108	27138	27172	27205
		S/T	0.52	0.59	0.69	0.78	0.55	0.62	0.73	0.83	0.58	0.66	0.77	0.88	1.00	1.00	1.00	1.00
		PI	1.91	1.91	1.91	1.92	2.02	2.03	2.03	2.03	2.14	2.15	2.15	2.27	2.27	2.28	2.28	2.28
	-10	TC	22266	22295	22320	22351	23604	23632	23660	23688	25014	25047	25079	26488	26522	26551	26584	26617
		S/T	0.52	0.59	0.69	0.79	0.55	0.63	0.73	0.84	0.58	0.66	0.78	0.89	1.00	1.00	1.00	1.00
		PI	1.79	1.80	1.80	1.80	1.90	1.90	1.91	1.91	2.01	2.02	2.02	2.13	2.14	2.14	2.14	2.14
	0	TC	21855	21885	21909	21939	23169	23197	23224	23252	24554	24585	24617	26000	26034	26062	26094	26127
		S/T	0.52	0.60	0.70	0.79	0.55	0.63	0.74	0.84	0.59	0.67	0.78	0.89	1.00	1.00	1.00	1.00
		PI	1.70	1.70	1.70	1.70	1.80	1.80	1.80	1.81	1.91	1.91	1.91	2.02	2.02	2.02	2.03	2.03
	5	TC	21650	21680	21704	21733	22952	22979	23006	23033	24323	24355	24387	25756	25790	25818	25850	25882
		S/T	0.52	0.60	0.70	0.80	0.55	0.63	0.74	0.84	0.59	0.67	0.78	0.89	1.00	1.00	1.00	1.00
		PI	1.65	1.65	1.65	1.66	1.75	1.75	1.75	1.75	1.85	1.85	1.86	1.96	1.96	1.97	1.97	1.97
	14	TC	21281	21310	21334	21363	22560	22587	22614	22641	23909	23940	23971	25317	25350	25378	25409	25441
		S/T	0.53	0.60	0.70	0.80	0.56	0.64	0.74	0.85	0.59	0.67	0.79	0.90	1.00	1.00	1.00	1.00
		PI	1.56	1.56	1.57	1.57	1.66	1.66	1.66	1.66	1.76	1.76	1.76	1.86	1.86	1.86	1.87	1.87
	23	TC	21279	21307	21331	21360	22558	22584	22611	22638	23906	23937	23968	25314	25347	25374	25406	25437
		S/T	0.53	0.60	0.70	0.80	0.56	0.64	0.75	0.85	0.59	0.68	0.79	0.90	1.00	1.00	1.00	1.00
		PI	1.54	1.54	1.54	1.54	1.63	1.63	1.63	1.63	1.72	1.73	1.73	1.83	1.83	1.83	1.83	1.84
	32	TC	21459	21488	21512	21541	22749	22776	22803	22830	24108	24140	24171	25528	25562	25589	25621	25653
		S/T	0.53	0.61	0.71	0.81	0.56	0.64	0.75	0.86	0.60	0.68	0.80	0.91	1.00	1.00	1.00	1.00
		PI	1.54	1.54	1.54	1.54	1.63	1.63	1.63	1.64	1.73	1.73	1.73	1.83	1.83	1.83	1.84	1.84
	41	TC	21388	21417	21441	21470	22674	22700	22727	22754	24028	24060	24091	25444	25477	25505	25536	25568
		S/T	0.53	0.61	0.71	0.81	0.57	0.65	0.75	0.86	0.60	0.68	0.80	0.91	1.00	1.00	1.00	1.00
		PI	1.55	1.55	1.55	1.55	1.64	1.64	1.64	1.65	1.74	1.74	1.74	1.84	1.84	1.85	1.85	1.85
	50	TC	21412	21440	21464	21493	22699	22725	22752	22779	24055	24086	24117	25472	25505	25533	25565	25596
		S/T	0.54	0.61	0.72	0.82	0.57	0.65	0.76	0.86	0.60	0.69	0.80	0.92	1.00	1.00	1.00	1.00
		PI	1.57	1.58	1.58	1.58	1.67	1.67	1.67	1.67	1.77	1.77	1.77	1.87	1.87	1.88	1.88	1.88
	59	TC	21876	21905	21930	21960	23191	23218	23246	23273	24577	24609	24641	26024	26058	26087	26119	26151
		S/T	0.54	0.61	0.72	0.82	0.57	0.65	0.76	0.87	0.61	0.69	0.81	0.92	1.00	1.00	1.00	1.00
		PI	1.62	1.62	1.62	1.63	1.72	1.72	1.72	1.72	1.82	1.82	1.83	1.93	1.93	1.93	1.93	1.94
	68	TC	22340	22370	22396	22426	23683	23711	23739	23767	25098	25131	25164	26577	26611	26640	26673	26707
		S/T	0.54	0.62	0.72	0.82	0.57	0.66	0.77	0.87	0.61	0.69	0.81	0.93	1.00	1.00	1.00	1.00
		PI	1.67	1.67	1.67	1.67	1.77	1.77	1.77	1.77	1.87	1.88	1.88	1.98	1.99	1.99	1.99	1.99
	77	TC	22805	22835	22861	22892	24175	24204	24233	24261	25620	25653	25687	27129	27164	27194	27228	27262
		S/T	0.56	0.63	0.74	0.85	0.59	0.67	0.79	0.90	0.63	0.71	0.83	0.95	1.00	1.00	1.00	1.00
		PI	1.71	1.72	1.72	1.72	1.82	1.82	1.82	1.82	1.93	1.93	1.93	2.04	2.04	2.04	2.05	2.05
	86	TC	22270	22300	22325	22355	23608	23636	23664	23692	25019	25051	25084	26493	26527	26556	26589	26622
		S/T	0.56	0.64	0.75	0.86	0.60	0.68	0.80	0.91	0.63	0.72	0.84	0.96	1.00	1.00	1.00	1.00
		PI	1.88	1.88	1.88	1.88	1.99	1.99	1.99	2.00	2.11	2.11	2.11	2.23	2.23	2.24	2.24	2.24
	95	TC	22503	22534	22559	22589	23856	23884	23912	23941	25281	25314	25347	26771	26805	26835	26868	26901
		S/T	0.58	0.66	0.77	0.88	0.61	0.70	0.82	0.93	0.65	0.74	0.87	0.99	1.00	1.00	1.00	1.00
		PI	1.95	1.95	1.95	1.96	2.07	2.07	2.07	2.07	2.19	2.19	2.20	2.32	2.32	2.33	2.33	2.33
	104	TC	16874	16897	16916	16939	17888	17910	17931	17952	18957	18982	19007	20074	20100	20122	20147	20172
		S/T	0.61	0.69	0.81	0.92	0.64	0.73	0.86	0.98	0.68	0.75	0.91	1.00	1.00	1.00	1.00	1.00
		PI	1.70	1.71	1.71	1.71	1.81	1.81	1.81	1.81	1.91	1.92	1.92	2.03	2.03	2.03	2.03	2.04
	115	TC	12653	12670	12684	12702	13414	13430	13446	13461	14215	14234	14252	15053	15072	15089	15107	15126
		S/T	0.61	0.70	0.82	0.93	0.65	0.74	0.87	0.99	0.69	0.75	0.92	1.00	1.00	1.00	1.00	1.00
		PI	1.49	1.49	1.49	1.49	1.58	1.58	1.58	1.58	1.67	1.67	1.68	1.77	1.77	1.77	1.78	1.78
	122	TC	9488	9501	9511	9524	10058	10070	10082	10094	10659	10673	10687	11287	11302	11314	11328	11342
		S/T	0.64	0.73	0.85	0.97	0.67	0.75	0.90	1.00	0.71	0.75	0.95	1.00	1.00	1.00	1.00	1.00
		PI	1.30	1.30	1.30	1.30	1.38	1.38	1.38	1.38	1.46	1.46	1.46	1.55	1.55	1.55	1.55	1.55

NOTE: Data highlighted in gray is extrapolated data and not actual test data. At 77°F outdoor conditions sweat protection activates causing a decrease in total capacity.

LEGEND

TC - Total Net Capacity (Btu/hour)
S/T: Sensible Cooling Capacity Ratio
PI: Power Input (kW)
Extrapolated Data

COOLING PERFORMANCE NON-DUCTED

COOLING PERFORMANCE 24K

PERFORMANCE NON-DUCTED 24K (Sheet 1 of 4)

AIRFLOW (CFM)	OUTDOOR DB °F	ID WB (°F) ID DB (°F)	60.8				64.4				66.2				71.6			
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2
Low	-22	TC	14223	14242	14258	14277	15078	15096	15113	15131	15979	15999	16020	16963	16986	17006	17028	17050
		S/T	0.22	0.25	0.29	0.33	0.23	0.26	0.31	0.35	0.24	0.28	0.32	0.37	0.42	0.48	0.55	0.62
		PI	1.05	1.05	1.05	1.05	1.11	1.11	1.12	1.12	1.18	1.18	1.18	1.25	1.25	1.25	1.25	1.26
	-10	TC	14622	14642	14658	14678	15501	15519	15538	15556	16427	16448	16470	17413	17436	17455	17477	17499
		S/T	0.22	0.25	0.29	0.33	0.23	0.26	0.31	0.35	0.24	0.28	0.33	0.37	0.42	0.48	0.55	0.63
		PI	1.02	1.02	1.02	1.02	1.08	1.08	1.08	1.08	1.15	1.15	1.15	1.21	1.21	1.22	1.22	1.22
	0	TC	14955	14975	14991	15012	15853	15872	15891	15910	16801	16823	16844	17787	17810	17830	17852	17874
		S/T	0.22	0.25	0.29	0.33	0.23	0.26	0.31	0.35	0.25	0.28	0.33	0.37	0.43	0.49	0.55	0.63
		PI	0.99	1.00	1.00	1.00	1.05	1.06	1.06	1.06	1.12	1.12	1.12	1.18	1.18	1.19	1.19	1.19
	5	TC	15121	15141	15158	15179	16030	16049	16068	16087	16988	17010	17032	17975	17998	18017	18039	18061
		S/T	0.22	0.25	0.29	0.33	0.23	0.26	0.31	0.35	0.25	0.28	0.33	0.37	0.43	0.49	0.55	0.63
		PI	0.98	0.98	0.98	0.99	1.04	1.04	1.04	1.04	1.10	1.10	1.11	1.17	1.17	1.17	1.17	1.17
	14	TC	15420	15441	15458	15479	16347	16366	16386	16405	17324	17346	17369	18312	18335	18354	18376	18398
		S/T	0.22	0.25	0.29	0.33	0.23	0.27	0.31	0.35	0.25	0.28	0.33	0.38	0.43	0.49	0.56	0.64
		PI	0.96	0.96	0.96	0.96	1.02	1.02	1.02	1.02	1.08	1.08	1.08	1.14	1.14	1.14	1.14	1.15
	23	TC	16681	16704	16722	16745	17684	17705	17726	17747	18741	18765	18789	19732	19755	19775	19797	19819
		S/T	0.22	0.25	0.30	0.34	0.23	0.27	0.31	0.36	0.25	0.28	0.33	0.38	0.43	0.49	0.56	0.64
		PI	0.98	0.98	0.98	0.98	1.04	1.04	1.04	1.04	1.10	1.10	1.10	1.16	1.16	1.17	1.17	1.17
	32	TC	18423	18448	18469	18494	19531	19554	19577	19600	20698	20725	20752	21694	21718	21737	21759	21781
		S/T	0.22	0.25	0.30	0.34	0.24	0.27	0.31	0.36	0.25	0.28	0.33	0.38	0.43	0.49	0.56	0.64
		PI	1.02	1.02	1.02	1.02	1.08	1.08	1.08	1.08	1.14	1.15	1.15	1.21	1.21	1.21	1.22	1.22
	41	TC	18608	18633	18654	18679	19726	19750	19773	19797	20905	20932	20960	21903	21926	21945	21967	21989
		S/T	0.22	0.25	0.30	0.34	0.24	0.27	0.32	0.36	0.25	0.29	0.33	0.38	0.44	0.50	0.57	0.64
		PI	1.04	1.04	1.04	1.05	1.10	1.11	1.11	1.11	1.17	1.17	1.17	1.24	1.24	1.24	1.24	1.25
	50	TC	18159	18184	18204	18229	19251	19273	19296	19319	20401	20428	20454	21397	21420	21439	21462	21484
		S/T	0.22	0.26	0.30	0.34	0.24	0.27	0.32	0.36	0.25	0.29	0.34	0.38	0.44	0.50	0.57	0.65
		PI	1.06	1.06	1.06	1.07	1.13	1.13	1.13	1.13	1.19	1.19	1.20	1.26	1.26	1.27	1.27	1.27
	59	TC	18001	18025	18045	18069	19082	19105	19128	19150	20223	20249	20275	21218	21241	21261	21283	21305
		S/T	0.23	0.26	0.30	0.34	0.24	0.27	0.32	0.36	0.25	0.29	0.34	0.39	0.44	0.50	0.57	0.65
		PI	1.09	1.09	1.09	1.10	1.16	1.16	1.16	1.16	1.23	1.23	1.23	1.30	1.30	1.30	1.30	1.30
	68	TC	17842	17866	17886	17910	18914	18937	18959	18982	20045	20071	20097	21040	21063	21082	21104	21126
		S/T	0.23	0.26	0.30	0.34	0.24	0.27	0.32	0.37	0.26	0.29	0.34	0.39	0.44	0.50	0.57	0.65
		PI	1.12	1.12	1.12	1.13	1.19	1.19	1.19	1.19	1.26	1.26	1.26	1.33	1.34	1.34	1.34	1.34
	77	TC	17683	17707	17727	17751	18746	18768	18791	18813	19866	19892	19918	20861	20884	20903	20925	20948
		S/T	0.23	0.27	0.31	0.35	0.25	0.28	0.33	0.38	0.26	0.30	0.35	0.40	0.45	0.52	0.59	0.67
		PI	1.15	1.15	1.15	1.15	1.22	1.22	1.22	1.22	1.29	1.29	1.30	1.37	1.37	1.37	1.37	1.38
	86	TC	15527	15548	15565	15586	16460	16479	16499	16519	17444	17466	17489	18432	18455	18474	18496	18519
		S/T	0.24	0.27	0.31	0.36	0.25	0.29	0.33	0.38	0.27	0.30	0.35	0.40	0.46	0.52	0.60	0.68
		PI	1.27	1.27	1.27	1.28	1.35	1.35	1.35	1.35	1.43	1.43	1.43	1.51	1.51	1.52	1.52	1.52
	95	TC	14907	14927	14944	14964	15803	15822	15840	15859	16747	16769	16791	17734	17757	17776	17798	17821
		S/T	0.24	0.28	0.32	0.37	0.26	0.29	0.34	0.39	0.27	0.31	0.36	0.41	0.47	0.54	0.61	0.70
		PI	1.32	1.32	1.33	1.33	1.40	1.40	1.40	1.41	1.49	1.49	1.49	1.57	1.57	1.58	1.58	1.58
	104	TC	13564	13583	13598	13616	14380	14397	14414	14431	15239	15259	15279	16222	16245	16264	16286	16308
		S/T	0.25	0.29	0.34	0.39	0.27	0.31	0.36	0.41	0.29	0.33	0.38	0.43	0.49	0.56	0.64	0.73
		PI	1.16	1.16	1.16	1.16	1.23	1.23	1.23	1.23	1.30	1.30	1.31	1.39	1.39	1.39	1.40	1.40
	115	TC	12343	12359	12373	12390	13085	13100	13116	13131	13866	13884	13902	14845	14869	14888	14910	14932
		S/T	0.26	0.29	0.34	0.39	0.27	0.31	0.36	0.41	0.29	0.33	0.39	0.44	0.50	0.57	0.65	0.74
		PI	1.02	1.02	1.02	1.02	1.08	1.08	1.08	1.08	1.14	1.14	1.15	1.21	1.21	1.21	1.21	1.22
	122	TC	11231	11246	11259	11274	11906	11920	11934	11948	12618	12634	12650	14051	14085	14114	14147	14179
		S/T	0.27	0.30	0.36	0.40	0.28	0.32	0.38	0.43	0.30	0.34	0.40	0.45	0.52	0.59	0.67	0.77
		PI	0.89	0.89	0.89	0.90	0.95	0.95	0.95	0.95	1.00	1.00	1.01	1.06	1.06	1.06	1.07	1.07

PERFORMANCE NON-DUCTED 24K (Sheet 2 of 4)

AIRFLOW (CFM)	OUTDOOR DB °F	ID WB (°F)	60.8				64.4				66.2				71.6			
		ID DB (°F)	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.20	73.4	77.0	80.6	84.2
Med	-22	TC	18265	18290	18310	18335	19361	19385	19409	19433	20577	20605	20633	21848	21877	21902	21931	21959
		S/T	0.32	0.37	0.43	0.49	0.34	0.39	0.45	0.52	0.36	0.41	0.48	0.55	0.62	0.71	0.81	0.92
		PI	1.55	1.55	1.56	1.56	1.65	1.65	1.65	1.65	1.74	1.75	1.75	1.85	1.85	1.85	1.85	1.86
	-10	TC	18810	18835	18857	18882	19940	19964	19988	20012	21156	21184	21212	22427	22456	22481	22510	22538
		S/T	0.32	0.37	0.43	0.49	0.34	0.39	0.46	0.52	0.36	0.41	0.48	0.55	0.63	0.72	0.82	0.93
		PI	1.51	1.51	1.51	1.51	1.60	1.60	1.60	1.60	1.69	1.70	1.70	1.79	1.80	1.80	1.80	1.80
	0	TC	19264	19290	19312	19338	20422	20446	20470	20495	21638	21666	21694	22909	22939	22964	22992	23021
		S/T	0.32	0.37	0.43	0.49	0.34	0.39	0.46	0.52	0.36	0.42	0.49	0.55	0.63	0.72	0.82	0.94
		PI	1.47	1.47	1.47	1.47	1.56	1.56	1.56	1.56	1.65	1.65	1.65	1.75	1.75	1.75	1.75	1.76
	5	TC	19491	19517	19539	19566	20663	20687	20712	20736	21880	21908	21936	23150	23180	23205	23233	23262
		S/T	0.33	0.37	0.43	0.49	0.34	0.39	0.46	0.52	0.37	0.42	0.49	0.56	0.63	0.72	0.82	0.94
		PI	1.45	1.45	1.45	1.46	1.54	1.54	1.54	1.54	1.63	1.63	1.63	1.73	1.73	1.73	1.73	1.73
	14	TC	19900	19927	19949	19976	21098	21122	21146	21170	22314	22342	22370	23584	23614	23639	23667	23696
		S/T	0.33	0.37	0.44	0.50	0.35	0.40	0.46	0.53	0.37	0.42	0.49	0.56	0.64	0.73	0.83	0.94
		PI	1.42	1.42	1.42	1.42	1.50	1.50	1.50	1.51	1.59	1.59	1.60	1.68	1.69	1.69	1.69	1.69
	23	TC	21621	21651	21675	21704	22927	22951	22975	23000	24143	24171	24199	25414	25444	25468	25497	25526
		S/T	0.33	0.37	0.44	0.50	0.35	0.40	0.46	0.53	0.37	0.42	0.49	0.56	0.64	0.73	0.83	0.95
		PI	1.44	1.45	1.45	1.45	1.53	1.53	1.54	1.54	1.62	1.63	1.63	1.72	1.72	1.72	1.72	1.73
	32	TC	24000	24032	24059	24091	25454	25478	25502	25527	26670	26698	26727	27941	27971	27996	28024	28053
		S/T	0.33	0.38	0.44	0.50	0.35	0.40	0.47	0.53	0.37	0.42	0.49	0.56	0.64	0.73	0.84	0.95
		PI	1.50	1.51	1.51	1.51	1.59	1.60	1.60	1.60	1.69	1.69	1.69	1.79	1.79	1.79	1.80	1.80
	41	TC	24252	24285	24312	24345	25722	25746	25771	25795	26938	26967	26995	28209	28239	28264	28292	28321
		S/T	0.33	0.38	0.44	0.50	0.35	0.40	0.47	0.54	0.37	0.43	0.50	0.57	0.65	0.74	0.84	0.96
		PI	1.54	1.54	1.54	1.55	1.63	1.63	1.64	1.64	1.73	1.73	1.73	1.83	1.83	1.84	1.84	1.84
	50	TC	23639	23671	23698	23730	25071	25095	25119	25144	26287	26315	26344	27558	27588	27613	27641	27670
		S/T	0.33	0.38	0.44	0.51	0.35	0.40	0.47	0.54	0.37	0.43	0.50	0.57	0.65	0.74	0.84	0.96
		PI	1.57	1.57	1.57	1.57	1.66	1.67	1.67	1.67	1.76	1.76	1.77	1.87	1.87	1.87	1.87	1.88
	59	TC	23423	23454	23480	23512	24841	24865	24889	24914	26057	26085	26113	27328	27358	27382	27411	27439
		S/T	0.34	0.38	0.45	0.51	0.36	0.41	0.47	0.54	0.38	0.43	0.50	0.57	0.65	0.74	0.85	0.97
		PI	1.61	1.61	1.62	1.62	1.71	1.71	1.71	1.72	1.81	1.81	1.82	1.92	1.92	1.92	1.93	1.93
	68	TC	23206	23237	23263	23295	24611	24635	24659	24683	25827	25855	25883	27098	27127	27152	27181	27209
		S/T	0.34	0.38	0.45	0.51	0.36	0.41	0.48	0.54	0.38	0.43	0.51	0.58	0.66	0.75	0.85	0.97
		PI	1.66	1.66	1.66	1.66	1.76	1.76	1.76	1.76	1.86	1.86	1.87	1.97	1.97	1.98	1.98	1.98
	77	TC	22989	23020	23046	23077	24381	24405	24429	24453	25597	25625	25653	26868	26897	26922	26951	26979
		S/T	0.35	0.39	0.46	0.53	0.37	0.42	0.49	0.56	0.39	0.44	0.52	0.59	0.67	0.77	0.88	1.00
		PI	1.70	1.70	1.70	1.71	1.80	1.80	1.81	1.81	1.91	1.91	1.92	2.02	2.03	2.03	2.03	2.03
	86	TC	20045	20072	20095	20122	21252	21276	21300	21325	22468	22496	22525	23739	23769	23794	23822	23851
		S/T	0.35	0.40	0.47	0.53	0.37	0.42	0.50	0.56	0.39	0.45	0.53	0.60	0.68	0.78	0.89	1.00
		PI	1.88	1.88	1.88	1.89	1.99	1.99	2.00	2.00	2.11	2.11	2.12	2.23	2.24	2.24	2.24	2.25
	95	TC	19199	19225	19247	19273	20353	20377	20401	20426	21569	21597	21626	22840	22870	22895	22923	22952
		S/T	0.36	0.41	0.48	0.55	0.38	0.43	0.51	0.58	0.40	0.46	0.54	0.61	0.70	0.80	0.91	1.00
		PI	1.95	1.96	1.96	1.96	2.07	2.07	2.08	2.08	2.19	2.20	2.20	2.32	2.33	2.33	2.33	2.34
	104	TC	17366	17390	17409	17433	18405	18430	18454	18478	19622	19650	19678	20892	20922	20947	20975	21004
		S/T	0.38	0.43	0.50	0.57	0.40	0.46	0.53	0.61	0.42	0.48	0.57	0.64	0.74	0.84	0.96	1.00
		PI	1.71	1.72	1.72	1.72	1.82	1.82	1.82	1.82	1.93	1.93	1.93	2.05	2.06	2.06	2.06	2.07
	115	TC	15698	15720	15737	15758	16633	16657	16681	16706	17849	17877	17905	19120	19150	19175	19203	19232
		S/T	0.38	0.44	0.51	0.58	0.40	0.46	0.54	0.62	0.43	0.49	0.57	0.65	0.74	0.85	0.97	1.00
		PI	1.50	1.51	1.51	1.51	1.59	1.60	1.60	1.60	1.69	1.69	1.69	1.78	1.79	1.79	1.79	1.80
	122	TC	13622	13640	13656	13674	14403	14439	14475	14511	16209	16251	16293	18096	18141	18178	18220	18262
		S/T	0.40	0.45	0.53	0.60	0.42	0.48	0.56	0.64	0.44	0.51	0.59	0.68	0.77	0.88	1.00	1.00
		PI	1.32	1.32	1.32	1.32	1.40	1.40	1.40	1.40	1.48	1.48	1.49	1.57	1.57	1.57	1.58	1.58

PERFORMANCE NON-DUCTED 24K (Sheet 3 of 4)

AIRFLOW (CFM)	OUTDOOR DB °F	ID WB (°F) ID DB (°F)	60.8				64.4				66.2				71.6			
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.20	73.4	77.0	80.6	84.2
High	-22	TC	27127	27163	27194	27230	28754	28789	28825	28861	30560	30601	30643	32447	32491	32528	32570	32613
		S/T	0.48	0.54	0.63	0.72	0.50	0.58	0.67	0.77	0.53	0.61	0.71	0.81	0.93	1.00	1.00	1.00
		PI	2.31	2.31	2.31	2.31	2.44	2.45	2.45	2.45	2.59	2.59	2.60	2.74	2.75	2.75	2.75	2.76
	-10	TC	27936	27973	28005	28043	29613	29649	29685	29721	31420	31461	31503	33307	33351	33388	33430	33472
		S/T	0.48	0.55	0.64	0.73	0.51	0.58	0.68	0.77	0.54	0.61	0.72	0.82	0.93	1.00	1.00	1.00
		PI	2.24	2.24	2.24	2.25	2.37	2.38	2.38	2.38	2.51	2.52	2.52	2.66	2.67	2.67	2.67	2.68
	0	TC	28610	28649	28681	28719	30330	30366	30402	30438	32136	32178	32220	34023	34067	34104	34147	34189
		S/T	0.48	0.55	0.64	0.73	0.51	0.58	0.68	0.78	0.54	0.62	0.72	0.82	0.94	1.00	1.00	1.00
		PI	2.18	2.18	2.19	2.19	2.31	2.32	2.32	2.32	2.45	2.45	2.46	2.60	2.60	2.60	2.61	2.61
	5	TC	28947	28986	29019	29058	30688	30724	30760	30796	32494	32536	32578	34381	34426	34463	34505	34547
		S/T	0.48	0.55	0.64	0.73	0.51	0.58	0.68	0.78	0.54	0.62	0.72	0.83	0.94	1.00	1.00	1.00
		PI	2.15	2.16	2.16	2.16	2.28	2.29	2.29	2.29	2.42	2.42	2.43	2.56	2.57	2.57	2.57	2.57
	14	TC	29554	29594	29627	29667	31333	31369	31405	31441	33139	33181	33223	35026	35070	35107	35150	35192
		S/T	0.49	0.55	0.65	0.74	0.51	0.59	0.69	0.78	0.55	0.62	0.73	0.83	0.95	1.00	1.00	1.00
		PI	2.10	2.11	2.11	2.11	2.23	2.23	2.23	2.24	2.36	2.37	2.37	2.50	2.51	2.51	2.51	2.51
	23	TC	32111	32154	32190	32234	34050	34086	34122	34158	35856	35898	35940	37743	37788	37824	37867	37909
		S/T	0.49	0.56	0.65	0.74	0.52	0.59	0.69	0.79	0.55	0.63	0.73	0.83	0.95	1.00	1.00	1.00
		PI	2.15	2.15	2.15	2.15	2.27	2.28	2.28	2.28	2.41	2.41	2.42	2.55	2.56	2.56	2.56	2.56
	32	TC	35643	35691	35731	35779	37803	37839	37875	37911	39610	39651	39693	41497	41541	41578	41620	41662
		S/T	0.49	0.56	0.65	0.75	0.52	0.59	0.69	0.79	0.55	0.63	0.74	0.84	0.96	1.00	1.00	1.00
		PI	2.23	2.24	2.24	2.24	2.37	2.37	2.37	2.38	2.51	2.51	2.52	2.66	2.66	2.66	2.67	2.67
	41	TC	36018	36066	36107	36155	38201	38237	38273	38309	40008	40049	40091	41895	41939	41976	42018	42060
		S/T	0.49	0.56	0.66	0.75	0.52	0.60	0.70	0.79	0.55	0.63	0.74	0.84	0.96	1.00	1.00	1.00
		PI	2.29	2.29	2.29	2.29	2.42	2.43	2.43	2.43	2.57	2.57	2.58	2.72	2.72	2.73	2.73	2.73
	50	TC	35108	35155	35194	35242	37234	37270	37306	37342	39041	39082	39124	40928	40972	41009	41051	41093
		S/T	0.50	0.57	0.66	0.75	0.53	0.60	0.70	0.80	0.56	0.63	0.74	0.85	0.96	1.00	1.00	1.00
		PI	2.33	2.33	2.34	2.34	2.47	2.47	2.48	2.48	2.62	2.62	2.62	2.77	2.78	2.78	2.78	2.79
	59	TC	34786	34833	34872	34919	36893	36928	36964	37000	38699	38741	38782	40586	40630	40667	40709	40752
		S/T	0.50	0.57	0.66	0.76	0.53	0.60	0.70	0.80	0.56	0.64	0.75	0.85	0.97	1.00	1.00	1.00
		PI	2.39	2.40	2.40	2.40	2.54	2.54	2.54	2.55	2.69	2.69	2.70	2.85	2.85	2.86	2.86	2.86
	68	TC	34464	34511	34549	34596	36551	36587	36622	36658	38357	38399	38440	40244	40288	40325	40367	40410
		S/T	0.50	0.57	0.67	0.76	0.53	0.60	0.71	0.81	0.56	0.64	0.75	0.86	0.97	1.00	1.00	1.00
		PI	2.46	2.46	2.47	2.47	2.61	2.61	2.61	2.62	2.76	2.77	2.77	2.93	2.93	2.93	2.94	2.94
	77	TC	34143	34189	34227	34273	36209	36245	36281	36317	38015	38057	38099	39902	39946	39983	40026	40068
		S/T	0.51	0.59	0.69	0.78	0.54	0.62	0.73	0.83	0.58	0.66	0.77	0.88	1.00	1.00	1.00	1.00
		PI	2.53	2.53	2.53	2.53	2.68	2.68	2.68	2.69	2.84	2.84	2.84	3.00	3.01	3.01	3.01	3.02
	86	TC	29770	29810	29844	29884	31563	31598	31634	31670	33369	33411	33452	35256	35300	35337	35379	35422
		S/T	0.52	0.59	0.69	0.79	0.55	0.63	0.74	0.84	0.59	0.67	0.78	0.89	1.00	1.00	1.00	1.00
		PI	2.79	2.79	2.80	2.80	2.96	2.96	2.96	2.97	3.13	3.14	3.14	3.32	3.32	3.33	3.33	3.34
	95	TC	28514	28552	28584	28623	30228	30263	30299	30335	32034	32075	32117	33921	33965	34002	34044	34087
		S/T	0.53	0.61	0.71	0.81	0.57	0.65	0.75	0.86	0.60	0.68	0.80	0.91	0.94	0.94	0.95	0.97
		PI	2.90	2.91	2.91	2.91	3.08	3.08	3.08	3.09	3.26	3.26	3.27	3.45	3.46	3.46	3.46	3.47
	104	TC	25792	25826	25855	25890	27335	27371	27407	27442	29141	29183	29224	31028	31072	31109	31151	31194
		S/T	0.56	0.64	0.75	0.85	0.59	0.68	0.79	0.90	0.63	0.72	0.84	0.96	1.00	1.00	1.00	1.00
		PI	2.55	2.55	2.55	2.56	2.70	2.70	2.70	2.71	2.86	2.86	2.87	3.05	3.06	3.06	3.06	3.07
	115	TC	23314	23346	23372	23404	24703	24738	24774	24810	26509	26551	26592	28396	28440	28477	28519	28562
		S/T	0.57	0.65	0.76	0.86	0.60	0.69	0.80	0.91	0.64	0.73	0.85	0.97	1.00	1.00	1.00	1.00
		PI	2.23	2.24	2.24	2.24	2.37	2.37	2.37	2.38	2.51	2.51	2.52	2.65	2.65	2.66	2.66	2.67
	122	TC	21061	21089	21113	21141	22308	22343	22379	22415	24114	24155	24197	26001	26045	26082	26124	26167
		S/T	0.59	0.67	0.78	0.89	0.62	0.71	0.83	0.95	0.66	0.75	0.88	1.00	1.00	1.00	1.00	1.00
		PI	1.96	1.96	1.96	1.97	2.08	2.08	2.08	2.08	2.20	2.20	2.21	2.33	2.33	2.34	2.34	2.34

PERFORMANCE NON-DUCTED 24K (Sheet 4 of 4)

AIRFLOW (CFM)	OUTDOOR DB °F	ID WB (°F) ID DB (°F)	60.8				64.4				66.2				71.6			
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.20	73.4	77.0	80.6	84.2
Turbo	-22	TC	29461	29501	29534	29574	31232	31269	31306	31343	33098	33141	33184	35048	35093	35131	35175	35219
		S/T	0.52	0.59	0.69	0.78	0.55	0.62	0.73	0.83	0.58	0.66	0.77	0.88	1.00	1.00	1.00	1.00
		PI	2.50	2.50	2.50	2.51	2.65	2.65	2.65	2.66	2.81	2.81	2.81	2.97	2.97	2.98	2.98	2.98
	-10	TC	30288	30328	30362	30403	32108	32146	32184	32222	34027	34071	34115	36031	36078	36117	36162	36207
		S/T	0.52	0.59	0.69	0.79	0.55	0.63	0.73	0.84	0.58	0.66	0.78	0.89	1.00	1.00	1.00	1.00
		PI	2.42	2.43	2.43	2.43	2.57	2.57	2.58	2.58	2.72	2.73	2.73	2.88	2.89	2.89	2.89	2.90
	0	TC	30977	31018	31053	31095	32838	32877	32916	32955	34801	34846	34891	36851	36899	36939	36985	37031
		S/T	0.52	0.60	0.70	0.79	0.55	0.63	0.74	0.84	0.59	0.67	0.78	0.89	1.00	1.00	1.00	1.00
		PI	2.36	2.37	2.37	2.37	2.50	2.51	2.51	2.51	2.65	2.66	2.66	2.81	2.81	2.82	2.82	2.82
	5	TC	31321	31363	31398	31441	33203	33243	33282	33322	35188	35233	35279	37260	37309	37349	37396	37442
		S/T	0.52	0.60	0.70	0.80	0.55	0.63	0.74	0.84	0.59	0.67	0.78	0.89	1.00	1.00	1.00	1.00
		PI	2.33	2.34	2.34	2.34	2.47	2.48	2.48	2.48	2.62	2.62	2.63	2.77	2.78	2.78	2.78	2.79
	14	TC	31941	31984	32020	32063	33861	33901	33941	33981	35884	35931	35977	37998	38047	38089	38136	38184
		S/T	0.53	0.60	0.70	0.80	0.56	0.64	0.74	0.85	0.59	0.67	0.79	0.90	1.00	1.00	1.00	1.00
		PI	2.28	2.28	2.28	2.29	2.41	2.42	2.42	2.42	2.56	2.56	2.57	2.71	2.71	2.72	2.72	2.72
	23	TC	34553	34600	34639	34685	36630	36673	36717	36760	38819	38869	38920	41106	41159	41204	41255	41306
		S/T	0.53	0.60	0.70	0.80	0.56	0.64	0.75	0.85	0.59	0.68	0.79	0.90	1.00	1.00	1.00	1.00
		PI	2.32	2.33	2.33	2.33	2.46	2.47	2.47	2.47	2.61	2.61	2.62	2.76	2.77	2.77	2.77	2.78
	32	TC	38162	38213	38256	38307	40455	40503	40551	40599	42873	42928	42984	45398	45457	45507	45563	45620
		S/T	0.53	0.61	0.71	0.81	0.56	0.64	0.75	0.86	0.60	0.68	0.80	0.91	1.00	1.00	1.00	1.00
		PI	2.42	2.42	2.43	2.43	2.57	2.57	2.57	2.57	2.72	2.72	2.73	2.88	2.88	2.89	2.89	2.89
	41	TC	38544	38596	38640	38692	40861	40909	40958	41007	43303	43359	43415	45854	45913	45963	46020	46078
		S/T	0.53	0.61	0.71	0.81	0.57	0.65	0.75	0.86	0.60	0.68	0.80	0.91	1.00	1.00	1.00	1.00
		PI	2.48	2.48	2.48	2.49	2.62	2.63	2.63	2.63	2.78	2.78	2.79	2.95	2.95	2.95	2.96	2.96
	50	TC	37615	37665	37708	37758	39876	39923	39970	40017	42258	42313	42368	44748	44806	44855	44910	44966
		S/T	0.54	0.61	0.72	0.82	0.57	0.65	0.76	0.86	0.60	0.69	0.80	0.92	1.00	1.00	1.00	1.00
		PI	2.52	2.53	2.53	2.53	2.67	2.68	2.68	2.68	2.83	2.84	2.84	3.00	3.01	3.01	3.01	3.02
	59	TC	37286	37336	37378	37429	39527	39574	39621	39668	41889	41944	41998	44357	44414	44463	44518	44573
		S/T	0.54	0.61	0.72	0.82	0.57	0.65	0.76	0.87	0.61	0.69	0.81	0.92	1.00	1.00	1.00	1.00
		PI	2.59	2.60	2.60	2.60	2.75	2.75	2.76	2.76	2.91	2.92	2.92	3.09	3.09	3.09	3.10	3.10
	68	TC	36957	37007	37049	37099	39179	39225	39272	39318	41520	41574	41628	43966	44023	44071	44126	44181
		S/T	0.54	0.62	0.72	0.82	0.57	0.66	0.77	0.87	0.61	0.69	0.81	0.93	1.00	1.00	1.00	1.00
		PI	2.66	2.67	2.67	2.67	2.82	2.83	2.83	2.83	2.99	3.00	3.00	3.17	3.17	3.18	3.18	3.18
	77	TC	36629	36678	36719	36769	38830	38876	38922	38969	41151	41204	41258	43575	43631	43679	43733	43788
		S/T	0.56	0.63	0.74	0.85	0.59	0.67	0.79	0.90	0.63	0.71	0.83	0.95	1.00	1.00	1.00	1.00
		PI	2.73	2.74	2.74	2.74	2.90	2.90	2.91	2.91	3.07	3.08	3.08	3.25	3.26	3.26	3.26	3.27
	86	TC	32162	32205	32241	32285	34095	34135	34176	34216	36132	36179	36226	38261	38310	38352	38400	38448
		S/T	0.56	0.64	0.75	0.86	0.60	0.68	0.80	0.91	0.63	0.72	0.84	0.96	1.00	1.00	1.00	1.00
		PI	3.02	3.03	3.03	3.03	3.20	3.21	3.21	3.21	3.39	3.40	3.40	3.59	3.60	3.60	3.61	3.61
	95	TC	30878	30920	30954	30996	32734	32773	32812	32851	34690	34735	34780	36734	36781	36821	36867	36913
		S/T	0.58	0.66	0.77	0.88	0.61	0.70	0.82	0.93	0.65	0.74	0.87	0.99	1.00	1.00	1.00	1.00
		PI	3.14	3.15	3.15	3.15	3.33	3.33	3.34	3.34	3.53	3.53	3.54	3.74	3.74	3.75	3.75	3.76
	104	TC	28097	28135	28166	28204	29786	29821	29856	29892	31566	31607	31648	33425	33469	33505	33547	33588
		S/T	0.61	0.69	0.81	0.92	0.64	0.73	0.86	0.98	0.68	0.75	0.91	1.00	1.00	1.00	1.00	1.00
		PI	2.76	2.76	2.76	2.77	2.92	2.93	2.93	2.93	3.10	3.10	3.10	3.28	3.28	3.29	3.29	3.30
	115	TC	25566	25601	25630	25664	27103	27135	27167	27200	28723	28760	28797	30415	30454	30487	30525	30563
		S/T	0.61	0.70	0.82	0.93	0.65	0.74	0.87	0.99	0.69	0.75	0.92	1.00	1.00	1.00	1.00	1.00
		PI	2.42	2.42	2.42	2.43	2.56	2.57	2.57	2.57	2.72	2.72	2.72	2.88	2.88	2.88	2.89	2.89
	122	TC	23264	23295	23321	23353	24662	24691	24720	24750	26136	26170	26204	27675	27711	27741	27776	27810
		S/T	0.64	0.73	0.85	0.97	0.67	0.75	0.90	1.00	0.71	0.75	0.95	1.00	1.00	1.00	1.00	1.00
		PI	2.12	2.12	2.13	2.13	2.25	2.25	2.25	2.26	2.38	2.39	2.39	2.52	2.53	2.53	2.53	2.54

NOTE: Data highlighted in gray is extrapolated data and not actual test data. At 77°F outdoor conditions sweat protection activates causing a decrease in total capacity.

LEGEND

TC - Total Net Capacity (Btu/hour)
S/T: Sensible Cooling Capacity Ratio
PI: Power Input (kW)
Extrapolated Data

COOLING PERFORMANCE NON-DUCTED

COOLING PERFORMANCE 30K

PERFORMANCE NON-DUCTED 30K (Sheet 1 of 4)

AIRFLOW (CFM)	OUTDOOR DB °F	ID WB (°F)	60.8				64.4				66.2				71.6			
		ID DB (°F)	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2
Low	-22	TC	19156	19182	19203	19229	20307	20331	20355	20380	21521	21549	21577	22777	22806	22831	22859	22887
		S/T	0.22	0.25	0.29	0.33	0.23	0.26	0.31	0.35	0.24	0.28	0.32	0.37	0.42	0.48	0.55	0.62
		PI	1.55	1.55	1.55	1.56	1.64	1.65	1.65	1.65	1.74	1.74	1.75	1.84	1.85	1.85	1.85	1.85
	-10	TC	19840	19867	19889	19916	21033	21058	21082	21107	22289	22318	22347	23548	23577	23602	23630	23658
		S/T	0.22	0.25	0.29	0.33	0.23	0.26	0.31	0.35	0.24	0.28	0.33	0.37	0.42	0.48	0.55	0.63
		PI	1.50	1.50	1.50	1.50	1.59	1.59	1.59	1.59	1.68	1.68	1.69	1.78	1.78	1.78	1.79	1.79
	0	TC	20410	20438	20461	20488	21637	21663	21688	21714	22930	22960	22990	24190	24219	24244	24272	24300
		S/T	0.22	0.25	0.29	0.33	0.23	0.26	0.31	0.35	0.25	0.28	0.33	0.37	0.43	0.49	0.55	0.63
		PI	1.45	1.45	1.46	1.46	1.54	1.54	1.54	1.55	1.63	1.63	1.64	1.73	1.73	1.73	1.73	1.74
	5	TC	20695	20723	20746	20774	21939	21965	21991	22017	23250	23280	23311	24511	24540	24565	24593	24621
		S/T	0.22	0.25	0.29	0.33	0.23	0.27	0.31	0.35	0.25	0.28	0.33	0.37	0.43	0.49	0.56	0.63
		PI	1.43	1.43	1.43	1.44	1.52	1.52	1.52	1.52	1.61	1.61	1.61	1.70	1.70	1.71	1.71	1.71
	14	TC	21208	21237	21261	21289	22483	22510	22536	22563	23827	23858	23889	25089	25118	25143	25171	25199
		S/T	0.22	0.25	0.29	0.34	0.23	0.27	0.31	0.36	0.25	0.28	0.33	0.38	0.43	0.49	0.56	0.64
		PI	1.39	1.39	1.39	1.40	1.47	1.48	1.48	1.48	1.56	1.56	1.57	1.65	1.66	1.66	1.66	1.66
	23	TC	21643	21673	21697	21726	22944	22971	22999	23026	24315	24347	24379	25579	25608	25633	25661	25689
		S/T	0.22	0.25	0.30	0.34	0.24	0.27	0.31	0.36	0.25	0.28	0.33	0.38	0.43	0.49	0.56	0.64
		PI	1.39	1.39	1.39	1.40	1.47	1.48	1.48	1.48	1.56	1.56	1.57	1.65	1.66	1.66	1.66	1.66
	32	TC	22039	22069	22094	22124	23364	23392	23419	23447	24760	24792	24825	26025	26054	26079	26107	26135
		S/T	0.22	0.25	0.30	0.34	0.24	0.27	0.31	0.36	0.25	0.29	0.33	0.38	0.43	0.49	0.56	0.64
		PI	1.41	1.41	1.41	1.42	1.50	1.50	1.50	1.50	1.59	1.59	1.59	1.68	1.68	1.68	1.68	1.69
	41	TC	21379	21408	21432	21461	22664	22691	22718	22745	24019	24050	24081	25281	25311	25335	25364	25392
		S/T	0.22	0.26	0.30	0.34	0.24	0.27	0.32	0.36	0.25	0.29	0.34	0.38	0.44	0.50	0.57	0.65
		PI	1.43	1.43	1.43	1.43	1.51	1.52	1.52	1.52	1.60	1.61	1.61	1.70	1.70	1.70	1.71	1.71
	50	TC	20834	20862	20886	20914	22087	22113	22139	22165	23406	23437	23467	24668	24697	24721	24750	24778
		S/T	0.23	0.26	0.30	0.34	0.24	0.27	0.32	0.36	0.25	0.29	0.34	0.38	0.44	0.50	0.57	0.65
		PI	1.44	1.44	1.44	1.45	1.53	1.53	1.53	1.53	1.62	1.62	1.62	1.71	1.72	1.72	1.72	1.72
	59	TC	21575	21604	21628	21657	22871	22898	22926	22953	24238	24270	24301	25501	25531	25555	25583	25612
		S/T	0.23	0.26	0.30	0.34	0.24	0.27	0.32	0.36	0.25	0.29	0.34	0.39	0.44	0.50	0.57	0.65
		PI	1.45	1.45	1.45	1.45	1.54	1.54	1.54	1.54	1.63	1.63	1.63	1.72	1.73	1.73	1.73	1.73
	68	TC	22315	22345	22370	22400	23656	23684	23712	23740	25070	25102	25135	26335	26364	26389	26417	26445
		S/T	0.23	0.26	0.30	0.35	0.24	0.27	0.32	0.37	0.26	0.29	0.34	0.39	0.44	0.50	0.58	0.66
		PI	1.46	1.46	1.46	1.46	1.55	1.55	1.55	1.55	1.64	1.64	1.64	1.73	1.74	1.74	1.74	1.74
	77	TC	23055	23086	23112	23143	24441	24470	24499	24528	25901	25935	25969	27169	27198	27223	27251	27279
		S/T	0.23	0.27	0.31	0.35	0.25	0.28	0.33	0.38	0.26	0.30	0.35	0.40	0.45	0.52	0.59	0.67
		PI	1.47	1.47	1.47	1.47	1.55	1.56	1.56	1.56	1.65	1.65	1.65	1.74	1.75	1.75	1.75	1.75
	86	TC	19276	19302	19324	19350	20435	20459	20483	20508	21656	21684	21712	22913	22942	22967	22995	23023
		S/T	0.24	0.27	0.32	0.36	0.25	0.29	0.33	0.38	0.27	0.30	0.35	0.40	0.46	0.52	0.60	0.68
		PI	1.62	1.62	1.62	1.62	1.71	1.71	1.72	1.72	1.82	1.82	1.82	1.92	1.92	1.93	1.93	1.93
	95	TC	18974	18999	19021	19046	20114	20138	20162	20186	21316	21344	21372	22572	22601	22626	22654	22682
		S/T	0.24	0.28	0.32	0.37	0.26	0.29	0.34	0.39	0.27	0.31	0.36	0.41	0.47	0.54	0.61	0.70
		PI	1.66	1.66	1.66	1.66	1.76	1.76	1.76	1.76	1.86	1.86	1.87	1.97	1.97	1.98	1.98	1.98
	104	TC	16331	16353	16372	16394	17313	17333	17354	17375	18348	18371	18395	19595	19625	19649	19678	19706
		S/T	0.25	0.29	0.34	0.39	0.27	0.31	0.36	0.41	0.29	0.33	0.38	0.43	0.50	0.57	0.64	0.73
		PI	1.51	1.52	1.52	1.52	1.60	1.61	1.61	1.61	1.70	1.70	1.70	1.81	1.81	1.81	1.82	1.82
	115	TC	14057	14076	14092	14111	14902	14919	14937	14955	15792	15813	15833	17034	17063	17087	17116	17144
		S/T	0.26	0.29	0.34	0.39	0.27	0.31	0.36	0.42	0.29	0.33	0.39	0.44	0.50	0.57	0.65	0.74
		PI	1.38	1.38	1.39	1.39	1.47	1.47	1.47	1.47	1.55	1.56	1.56	1.65	1.65	1.65	1.66	1.66
	122	TC	12099	12115	12129	12145	12826	12842	12857	12872	13593	13611	13628	15409	15453	15489	15531	15573
		S/T	0.27	0.30	0.36	0.41	0.28	0.32	0.38	0.43	0.30	0.34	0.40	0.46	0.52	0.59	0.67	0.77
		PI	1.26	1.26	1.27	1.27	1.34	1.34	1.34	1.34	1.42	1.42	1.42	1.50	1.50	1.51	1.51	1.51

PERFORMANCE NON-DUCTED 30K (Sheet 2 of 4)

AIRFLOW (CFM)	OUTDOOR DB °F	ID WB (°F)	60.8				64.4				66.2				71.6			
		ID DB (°F)	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.20	73.4	77.0	80.6	84.2
Med	-22	TC	24705	24738	24766	24799	26190	26221	26252	26283	27740	27775	27811	29358	29396	29428	29464	29500
		S/T	0.32	0.37	0.43	0.49	0.34	0.39	0.45	0.52	0.36	0.41	0.48	0.55	0.62	0.71	0.81	0.93
		PI	2.29	2.29	2.29	2.30	2.43	2.43	2.43	2.43	2.57	2.57	2.58	2.72	2.73	2.73	2.73	2.74
	-10	TC	25640	25674	25703	25738	27184	27214	27245	27276	28733	28769	28804	30352	30389	30421	30457	30494
		S/T	0.32	0.37	0.43	0.49	0.34	0.39	0.46	0.52	0.36	0.41	0.48	0.55	0.63	0.72	0.82	0.93
		PI	2.21	2.21	2.22	2.22	2.34	2.35	2.35	2.35	2.48	2.49	2.49	2.63	2.63	2.64	2.64	2.64
	0	TC	26419	26454	26484	26520	28011	28042	28073	28104	29561	29596	29632	31179	31217	31249	31285	31321
		S/T	0.32	0.37	0.43	0.49	0.34	0.39	0.46	0.52	0.36	0.42	0.49	0.55	0.63	0.72	0.82	0.94
		PI	2.15	2.15	2.15	2.15	2.27	2.28	2.28	2.28	2.41	2.41	2.42	2.55	2.56	2.56	2.56	2.56
	5	TC	26808	26844	26874	26911	28425	28456	28487	28518	29975	30010	30046	31593	31631	31663	31699	31735
		S/T	0.33	0.37	0.43	0.50	0.35	0.39	0.46	0.52	0.37	0.42	0.49	0.56	0.63	0.72	0.82	0.94
		PI	2.11	2.12	2.12	2.12	2.24	2.24	2.24	2.25	2.37	2.38	2.38	2.51	2.52	2.52	2.52	2.53
	14	TC	27509	27546	27577	27614	29170	29201	29232	29263	30720	30755	30791	32338	32376	32408	32444	32480
		S/T	0.33	0.37	0.44	0.50	0.35	0.40	0.46	0.53	0.37	0.42	0.49	0.56	0.64	0.73	0.83	0.94
		PI	2.05	2.06	2.06	2.06	2.18	2.18	2.18	2.18	2.31	2.31	2.31	2.44	2.45	2.45	2.45	2.46
	23	TC	28104	28141	28173	28211	29802	29832	29863	29894	31351	31387	31423	32970	33007	33039	33075	33112
		S/T	0.33	0.38	0.44	0.50	0.35	0.40	0.46	0.53	0.37	0.42	0.49	0.56	0.64	0.73	0.83	0.95
		PI	2.05	2.06	2.06	2.06	2.18	2.18	2.18	2.19	2.31	2.31	2.31	2.44	2.45	2.45	2.45	2.46
	32	TC	28644	28683	28715	28754	30377	30407	30438	30469	31926	31962	31997	33544	33582	33614	33650	33686
		S/T	0.33	0.38	0.44	0.50	0.35	0.40	0.47	0.53	0.37	0.42	0.50	0.56	0.64	0.73	0.84	0.95
		PI	2.08	2.09	2.09	2.09	2.21	2.21	2.21	2.22	2.34	2.34	2.35	2.48	2.48	2.49	2.49	2.49
	41	TC	27743	27780	27811	27849	29419	29449	29480	29511	30968	31004	31039	32586	32624	32656	32692	32728
		S/T	0.33	0.38	0.44	0.51	0.35	0.40	0.47	0.54	0.37	0.43	0.50	0.57	0.65	0.74	0.84	0.96
		PI	2.11	2.11	2.11	2.12	2.24	2.24	2.24	2.24	2.37	2.37	2.38	2.51	2.51	2.51	2.52	2.52
	50	TC	26998	27034	27065	27101	28627	28658	28689	28720	30176	30212	30248	31795	31833	31864	31901	31937
		S/T	0.33	0.38	0.45	0.51	0.35	0.40	0.47	0.54	0.38	0.43	0.50	0.57	0.65	0.74	0.85	0.96
		PI	2.13	2.13	2.13	2.14	2.26	2.26	2.26	2.26	2.39	2.39	2.40	2.53	2.53	2.54	2.54	2.54
	59	TC	28010	28047	28079	28117	29702	29733	29763	29794	31251	31287	31323	32870	32908	32939	32975	33012
		S/T	0.34	0.38	0.45	0.51	0.36	0.41	0.47	0.54	0.38	0.43	0.50	0.57	0.65	0.75	0.85	0.97
		PI	2.14	2.14	2.15	2.15	2.27	2.27	2.27	2.28	2.40	2.41	2.41	2.55	2.55	2.55	2.56	2.56
	68	TC	29021	29060	29093	29132	30777	30807	30838	30869	32326	32362	32397	33944	33982	34014	34050	34087
		S/T	0.34	0.38	0.45	0.51	0.36	0.41	0.48	0.54	0.38	0.43	0.51	0.58	0.66	0.75	0.85	0.97
		PI	2.15	2.16	2.16	2.16	2.28	2.28	2.29	2.29	2.42	2.42	2.42	2.56	2.56	2.57	2.57	2.57
	77	TC	30032	30073	30106	30147	31851	31882	31913	31944	33401	33436	33472	35019	35057	35089	35125	35161
		S/T	0.35	0.39	0.46	0.53	0.37	0.42	0.49	0.56	0.39	0.44	0.52	0.59	0.67	0.77	0.88	1.00
		PI	2.16	2.17	2.17	2.17	2.29	2.30	2.30	2.30	2.43	2.43	2.44	2.57	2.58	2.58	2.58	2.59
	86	TC	24870	24903	24931	24965	26365	26396	26427	26458	27915	27950	27986	29533	29571	29603	29639	29675
		S/T	0.35	0.40	0.47	0.53	0.37	0.42	0.50	0.57	0.39	0.45	0.53	0.60	0.68	0.78	0.89	1.00
		PI	2.39	2.39	2.39	2.39	2.53	2.53	2.54	2.54	2.68	2.68	2.69	2.84	2.84	2.85	2.85	2.85
	95	TC	24456	24489	24517	24550	25926	25957	25988	26018	27475	27511	27547	29094	29132	29163	29200	29236
		S/T	0.36	0.41	0.48	0.55	0.38	0.43	0.51	0.58	0.40	0.46	0.54	0.61	0.70	0.80	0.91	1.00
		PI	2.45	2.45	2.45	2.46	2.59	2.60	2.60	2.60	2.75	2.75	2.76	2.91	2.91	2.92	2.92	2.92
	104	TC	20846	20874	20897	20925	22090	22120	22151	22182	23639	23675	23710	25257	25295	25327	25363	25400
		S/T	0.38	0.43	0.50	0.57	0.40	0.46	0.53	0.61	0.42	0.48	0.57	0.65	0.74	0.84	0.96	1.00
		PI	2.23	2.24	2.24	2.24	2.37	2.37	2.37	2.38	2.51	2.51	2.52	2.67	2.68	2.68	2.68	2.69
	115	TC	17738	17762	17782	17806	18787	18818	18849	18880	20337	20372	20408	21955	21993	22025	22061	22097
		S/T	0.38	0.44	0.51	0.58	0.41	0.46	0.54	0.62	0.43	0.49	0.57	0.65	0.74	0.85	0.97	1.00
		PI	2.04	2.04	2.05	2.05	2.16	2.17	2.17	2.17	2.29	2.30	2.30	2.43	2.44	2.44	2.44	2.45
	122	TC	14353	14373	14389	14408	15161	15206	15252	15298	17460	17513	17566	19862	19918	19965	20019	20073
		S/T	0.40	0.45	0.53	0.60	0.42	0.48	0.56	0.64	0.44	0.51	0.59	0.68	0.77	0.88	1.00	1.00
		PI	1.87	1.87	1.87	1.87	1.98	1.98	1.98	1.98	2.10	2.10	2.10	2.22	2.22	2.22	2.23	2.23

PERFORMANCE NON-DUCTED 30K (Sheet 3 of 4)

AIRFLOW (CFM)	OUTDOOR DB °F	ID WB (°F) ID DB (°F)	60.8				64.4				66.2				71.6			
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.20	73.4	77.0	80.6	84.2
High	-22	TC	36662	36711	36752	36802	38866	38912	38958	39003	41165	41218	41272	43567	43623	43670	43724	43778
		S/T	0.48	0.54	0.63	0.72	0.50	0.58	0.67	0.77	0.53	0.61	0.71	0.81	0.93	1.00	1.00	1.00
		PI	3.40	3.40	3.40	3.41	3.60	3.60	3.61	3.61	3.82	3.82	3.83	4.04	4.05	4.05	4.06	4.06
	-10	TC	38049	38100	38143	38194	40340	40386	40432	40477	42639	42692	42746	45041	45097	45144	45198	45252
		S/T	0.48	0.55	0.64	0.73	0.51	0.58	0.68	0.77	0.54	0.61	0.72	0.82	0.93	1.00	1.00	1.00
		PI	3.28	3.28	3.29	3.29	3.48	3.48	3.49	3.49	3.69	3.69	3.69	3.90	3.91	3.91	3.92	3.92
	0	TC	39205	39258	39302	39355	41569	41614	41660	41706	43868	43921	43974	46270	46326	46373	46427	46481
		S/T	0.48	0.55	0.64	0.73	0.51	0.58	0.68	0.78	0.54	0.62	0.72	0.82	0.94	1.00	1.00	1.00
		PI	3.18	3.19	3.19	3.20	3.37	3.38	3.38	3.39	3.58	3.58	3.59	3.79	3.79	3.80	3.80	3.81
	5	TC	39783	39837	39881	39935	42183	42228	42274	42320	44482	44535	44588	46884	46940	46987	47041	47095
		S/T	0.48	0.55	0.64	0.73	0.51	0.58	0.68	0.78	0.54	0.62	0.72	0.83	0.94	1.00	1.00	1.00
		PI	3.13	3.14	3.14	3.15	3.32	3.33	3.33	3.34	3.52	3.53	3.53	3.73	3.73	3.74	3.74	3.75
	14	TC	40823	40878	40924	40979	43288	43334	43380	43425	45587	45640	45694	47989	48045	48092	48146	48200
		S/T	0.49	0.55	0.65	0.74	0.51	0.59	0.69	0.78	0.55	0.62	0.73	0.83	0.95	1.00	1.00	1.00
		PI	3.05	3.05	3.06	3.06	3.23	3.23	3.24	3.24	3.42	3.43	3.43	3.63	3.63	3.63	3.64	3.64
	23	TC	41705	41761	41808	41865	44226	44271	44317	44363	46525	46578	46631	48926	48983	49030	49083	49137
		S/T	0.49	0.56	0.65	0.74	0.52	0.59	0.69	0.79	0.55	0.63	0.73	0.83	0.95	1.00	1.00	1.00
		PI	3.05	3.05	3.06	3.06	3.23	3.24	3.24	3.24	3.42	3.43	3.43	3.63	3.63	3.63	3.64	3.64
	32	TC	42508	42565	42613	42670	45079	45124	45170	45216	47378	47431	47484	49779	49836	49883	49936	49990
		S/T	0.49	0.56	0.65	0.75	0.52	0.59	0.69	0.79	0.55	0.63	0.74	0.84	0.96	1.00	1.00	1.00
		PI	3.09	3.10	3.10	3.10	3.28	3.28	3.29	3.29	3.47	3.48	3.48	3.68	3.68	3.69	3.69	3.70
	41	TC	41170	41226	41272	41327	43657	43702	43748	43794	45956	46009	46062	48358	48414	48461	48515	48569
		S/T	0.49	0.56	0.66	0.75	0.52	0.60	0.70	0.79	0.55	0.63	0.74	0.84	0.96	1.00	1.00	1.00
		PI	3.13	3.13	3.14	3.14	3.32	3.32	3.33	3.33	3.52	3.52	3.53	3.72	3.73	3.73	3.74	3.74
	50	TC	40065	40119	40164	40218	42482	42528	42574	42619	44782	44835	44888	47183	47240	47287	47340	47394
		S/T	0.50	0.57	0.66	0.75	0.53	0.60	0.70	0.80	0.56	0.63	0.74	0.85	0.96	1.00	1.00	1.00
		PI	3.16	3.16	3.17	3.17	3.35	3.35	3.36	3.36	3.55	3.55	3.56	3.76	3.76	3.77	3.77	3.77
	59	TC	41566	41622	41668	41725	44077	44123	44169	44214	46376	46429	46482	48778	48834	48881	48935	48989
		S/T	0.50	0.57	0.66	0.76	0.53	0.60	0.70	0.80	0.56	0.64	0.75	0.85	0.97	1.00	1.00	1.00
		PI	3.18	3.18	3.18	3.19	3.37	3.37	3.37	3.38	3.57	3.57	3.58	3.78	3.78	3.79	3.79	3.80
	68	TC	43067	43125	43173	43231	45672	45718	45763	45809	47971	48024	48077	50373	50429	50476	50530	50584
		S/T	0.50	0.57	0.67	0.76	0.53	0.60	0.71	0.81	0.56	0.64	0.75	0.86	0.97	1.00	1.00	1.00
		PI	3.19	3.20	3.20	3.21	3.39	3.39	3.39	3.40	3.59	3.59	3.60	3.80	3.80	3.81	3.81	3.82
	77	TC	44568	44628	44678	44738	47267	47313	47358	47404	49566	49619	49672	51968	52024	52071	52125	52179
		S/T	0.51	0.59	0.69	0.78	0.54	0.62	0.73	0.83	0.58	0.66	0.77	0.88	1.00	1.00	1.00	1.00
		PI	3.21	3.22	3.22	3.22	3.41	3.41	3.41	3.42	3.61	3.61	3.62	3.82	3.83	3.83	3.84	3.84
	86	TC	36906	36956	36997	37047	39126	39171	39217	39263	41425	41478	41531	43827	43883	43930	43984	44038
		S/T	0.52	0.59	0.69	0.79	0.55	0.63	0.74	0.84	0.59	0.67	0.78	0.89	1.00	1.00	1.00	1.00
		PI	3.54	3.55	3.55	3.55	3.75	3.76	3.76	3.77	3.98	3.98	3.99	4.21	4.22	4.22	4.23	4.23
	95	TC	36293	36342	36382	36431	38474	38520	38565	38611	40773	40826	40879	43175	43231	43278	43332	43386
		S/T	0.53	0.61	0.71	0.81	0.57	0.65	0.75	0.86	0.60	0.68	0.80	0.91	0.64	0.74	0.85	0.97
		PI	3.63	3.64	3.64	3.64	3.85	3.85	3.86	3.86	4.08	4.08	4.09	4.32	4.32	4.33	4.33	4.34
	104	TC	30935	30977	31011	31053	32781	32826	32872	32918	35080	35133	35186	37482	37538	37585	37639	37693
		S/T	0.56	0.64	0.75	0.85	0.59	0.68	0.79	0.90	0.63	0.72	0.84	0.96	1.00	1.00	1.00	1.00
		PI	3.32	3.32	3.32	3.33	3.52	3.52	3.52	3.53	3.73	3.73	3.74	3.97	3.97	3.98	3.98	3.99
	115	TC	26323	26359	26388	26424	27880	27926	27972	28017	30179	30232	30286	32581	32637	32684	32738	32792
		S/T	0.57	0.65	0.76	0.86	0.60	0.69	0.80	0.91	0.64	0.73	0.85	0.97	1.00	1.00	1.00	1.00
		PI	3.03	3.03	3.04	3.04	3.21	3.22	3.22	3.22	3.40	3.41	3.41	3.61	3.62	3.62	3.63	3.63
	122	TC	22354	22384	22409	22439	23663	23708	23754	23800	25962	26015	26068	28363	28420	28467	28520	28574
		S/T	0.59	0.67	0.78	0.89	0.62	0.71	0.83	0.95	0.66	0.75	0.88	1.00	1.00	1.00	1.00	1.00
		PI	2.77	2.77	2.77	2.78	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.29	3.30	3.30	3.30	3.31

PERFORMANCE NON-DUCTED 30K (Sheet 4 of 4)

AIRFLOW (CFM)	OUTDOOR DB °F	ID WB (°F) ID DB (°F)	60.8				64.4				66.2				71.6			
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.20	73.4	77.0	80.6	84.2
Turbo	-22	TC	39679	39733	39777	39831	42064	42114	42164	42214	44578	44636	44694	47204	47265	47317	47375	47434
		S/T	0.52	0.59	0.69	0.78	0.55	0.62	0.73	0.83	0.58	0.66	0.77	0.88	1.00	1.00	1.00	1.00
		PI	3.68	3.68	3.69	3.69	3.90	3.90	3.91	3.91	4.13	4.14	4.14	4.38	4.38	4.39	4.39	4.40
	-10	TC	41097	41152	41198	41254	43567	43618	43670	43722	46170	46230	46290	48890	48953	49006	49067	49129
		S/T	0.52	0.59	0.69	0.79	0.55	0.63	0.73	0.84	0.58	0.66	0.78	0.89	1.00	1.00	1.00	1.00
		PI	3.55	3.56	3.56	3.57	3.77	3.77	3.77	3.78	3.99	4.00	4.00	4.23	4.23	4.24	4.24	4.25
	0	TC	42277	42334	42382	42439	44818	44872	44925	44978	47497	47558	47620	50295	50360	50415	50477	50540
		S/T	0.52	0.60	0.70	0.79	0.55	0.63	0.74	0.84	0.59	0.67	0.78	0.89	1.00	1.00	1.00	1.00
		PI	3.45	3.45	3.46	3.46	3.65	3.66	3.66	3.67	3.87	3.88	3.88	4.10	4.11	4.11	4.12	4.12
	5	TC	42868	42926	42974	43032	45444	45498	45552	45606	48160	48223	48285	50997	51063	51119	51182	51246
		S/T	0.52	0.60	0.70	0.80	0.55	0.63	0.74	0.84	0.59	0.67	0.78	0.89	1.00	1.00	1.00	1.00
		PI	3.39	3.40	3.40	3.41	3.60	3.60	3.61	3.61	3.81	3.82	3.82	4.04	4.04	4.05	4.05	4.06
	14	TC	43931	43990	44039	44099	46571	46626	46682	46737	49354	49418	49482	52261	52329	52386	52451	52517
		S/T	0.53	0.60	0.70	0.80	0.56	0.64	0.74	0.85	0.59	0.67	0.79	0.90	1.00	1.00	1.00	1.00
		PI	3.30	3.30	3.31	3.31	3.50	3.50	3.51	3.51	3.71	3.71	3.72	3.93	3.93	3.94	3.94	3.95
	23	TC	44832	44892	44942	45003	47526	47583	47639	47696	50366	50432	50497	53333	53403	53461	53527	53594
		S/T	0.53	0.60	0.70	0.80	0.56	0.64	0.75	0.85	0.59	0.68	0.79	0.90	1.00	1.00	1.00	1.00
		PI	3.30	3.31	3.31	3.31	3.50	3.50	3.51	3.51	3.71	3.71	3.72	3.93	3.93	3.94	3.94	3.95
	32	TC	45652	45713	45765	45826	48396	48453	48510	48568	51288	51354	51421	54309	54379	54439	54506	54574
		S/T	0.53	0.61	0.71	0.81	0.56	0.64	0.75	0.86	0.60	0.68	0.80	0.91	1.00	1.00	1.00	1.00
		PI	3.35	3.35	3.36	3.36	3.55	3.55	3.56	3.56	3.76	3.77	3.77	3.98	3.99	3.99	4.00	4.00
	41	TC	44285	44345	44394	44454	46947	47002	47058	47114	49752	49817	49881	52683	52751	52809	52874	52940
		S/T	0.53	0.61	0.71	0.81	0.57	0.65	0.75	0.86	0.60	0.68	0.80	0.91	1.00	1.00	1.00	1.00
		PI	3.39	3.39	3.40	3.40	3.59	3.60	3.60	3.61	3.81	3.81	3.82	4.03	4.04	4.04	4.05	4.05
	50	TC	43156	43214	43262	43321	45750	45804	45858	45913	48484	48547	48610	51340	51406	51462	51526	51590
		S/T	0.54	0.61	0.72	0.82	0.57	0.65	0.76	0.86	0.60	0.69	0.80	0.92	1.00	1.00	1.00	1.00
		PI	3.42	3.42	3.43	3.43	3.63	3.63	3.63	3.64	3.84	3.85	3.85	4.07	4.07	4.08	4.08	4.09
	59	TC	44689	44749	44800	44860	47375	47431	47488	47544	50206	50271	50337	53164	53233	53291	53357	53423
		S/T	0.54	0.61	0.72	0.82	0.57	0.65	0.76	0.87	0.61	0.69	0.81	0.92	1.00	1.00	1.00	1.00
		PI	3.44	3.44	3.45	3.45	3.65	3.65	3.65	3.66	3.86	3.87	3.87	4.09	4.10	4.10	4.11	4.11
	68	TC	46223	46285	46337	46399	49001	49059	49117	49175	51929	51996	52064	54988	55059	55119	55188	55256
		S/T	0.54	0.62	0.72	0.82	0.57	0.66	0.77	0.87	0.61	0.69	0.81	0.93	1.00	1.00	1.00	1.00
		PI	3.46	3.46	3.47	3.47	3.67	3.67	3.68	3.68	3.89	3.89	3.90	4.11	4.12	4.12	4.13	4.13
	77	TC	47756	47820	47874	47938	50626	50686	50746	50806	53651	53721	53791	56812	56886	56948	57018	57089
		S/T	0.56	0.63	0.74	0.85	0.59	0.67	0.79	0.90	0.63	0.71	0.83	0.95	1.00	1.00	1.00	1.00
		PI	3.48	3.48	3.49	3.49	3.69	3.69	3.70	3.70	3.91	3.91	3.92	4.14	4.14	4.15	4.15	4.16
	86	TC	39929	39983	40027	40081	42329	42379	42429	42479	44858	44916	44975	47501	47562	47614	47673	47733
		S/T	0.56	0.64	0.75	0.86	0.60	0.68	0.80	0.91	0.63	0.72	0.84	0.96	1.00	1.00	1.00	1.00
		PI	3.83	3.84	3.84	3.85	4.06	4.07	4.07	4.08	4.31	4.31	4.32	4.56	4.57	4.57	4.58	4.58
	95	TC	39302	39355	39399	39452	41664	41714	41763	41813	44154	44211	44269	46755	46816	46867	46925	46983
		S/T	0.58	0.66	0.77	0.88	0.61	0.70	0.82	0.93	0.65	0.74	0.87	0.99	1.00	1.00	1.00	1.00
		PI	3.93	3.94	3.94	3.95	4.17	4.17	4.18	4.18	4.42	4.42	4.43	4.68	4.68	4.69	4.69	4.70
	104	TC	33829	33874	33912	33958	35862	35904	35947	35989	38005	38054	38104	40243	40296	40340	40390	40440
		S/T	0.61	0.69	0.81	0.92	0.64	0.73	0.86	0.98	0.68	0.75	0.91	1.00	1.00	1.00	1.00	1.00
		PI	3.59	3.60	3.60	3.61	3.81	3.81	3.82	3.82	4.03	4.04	4.05	4.27	4.28	4.28	4.29	4.29
	115	TC	29117	29156	29189	29228	30867	30904	30940	30977	32712	32754	32797	34639	34684	34721	34765	34808
		S/T	0.61	0.70	0.82	0.93	0.65	0.74	0.87	0.99	0.69	0.75	0.92	1.00	1.00	1.00	1.00	1.00
		PI	3.28	3.29	3.29	3.29	3.48	3.48	3.49	3.49	3.69	3.69	3.70	3.90	3.91	3.91	3.92	3.92
	122	TC	25062	25096	25124	25158	26568	26600	26631	26663	28156	28193	28229	29815	29853	29886	29923	29960
		S/T	0.64	0.73	0.85	0.97	0.67	0.75	0.90	1.00	0.71	0.75	0.95	1.00	1.00	1.00	1.00	1.00
		PI	3.00	3.00	3.00	3.01	3.18	3.18	3.19	3.19	3.37	3.37	3.38	3.57	3.57	3.57	3.58	3.58

NOTE: Data highlighted in gray is extrapolated data and not actual test data. At 77°F outdoor conditions sweat protection activates causing a decrease in total capacity.

LEGEND

TC - Total Net Capacity (Btu/hour)
S/T: Sensible Cooling Capacity Ratio
PI: Power Input (kW)
Extrapolated Data

COOLING PERFORMANCE NON-DUCTED

COOLING PERFORMANCE 36K

PERFORMANCE NON-DUCTED 36K (Sheet 1 of 4)

AIRFLOW (CFM)	OUTDOOR DB °F	ID WB (°F)	60.8				64.4				66.2				71.6			
		ID DB (°F)	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.20	73.4	77.0	80.6	84.2
Low	-22	TC	19156	19182	19203	19229	20307	20331	20355	20380	21521	21549	21577	22777	22806	22831	22859	22887
		S/T	0.22	0.25	0.29	0.33	0.23	0.26	0.31	0.35	0.24	0.28	0.32	0.37	0.42	0.48	0.55	0.62
		PI	1.55	1.55	1.55	1.56	1.64	1.65	1.65	1.65	1.74	1.74	1.75	1.84	1.85	1.85	1.85	1.85
	-10	TC	19840	19867	19889	19916	21033	21058	21082	21107	22289	22318	22347	23548	23577	23602	23630	23658
		S/T	0.22	0.25	0.29	0.33	0.23	0.26	0.31	0.35	0.24	0.28	0.33	0.37	0.42	0.48	0.55	0.63
		PI	1.50	1.50	1.50	1.50	1.59	1.59	1.59	1.59	1.68	1.68	1.69	1.78	1.78	1.78	1.79	1.79
	0	TC	20410	20438	20461	20488	21637	21663	21688	21714	22930	22960	22990	24190	24219	24244	24272	24300
		S/T	0.22	0.25	0.29	0.33	0.23	0.26	0.31	0.35	0.25	0.28	0.33	0.37	0.43	0.49	0.55	0.63
		PI	1.45	1.45	1.46	1.46	1.54	1.54	1.54	1.55	1.63	1.63	1.64	1.73	1.73	1.73	1.73	1.74
	5	TC	20695	20723	20746	20774	21939	21965	21991	22017	23250	23280	23311	24511	24540	24565	24593	24621
		S/T	0.22	0.25	0.29	0.33	0.23	0.27	0.31	0.35	0.25	0.28	0.33	0.37	0.43	0.49	0.56	0.63
		PI	1.43	1.43	1.43	1.44	1.52	1.52	1.52	1.52	1.61	1.61	1.61	1.70	1.70	1.71	1.71	1.71
	14	TC	21208	21237	21261	21289	22483	22510	22536	22563	23827	23858	23889	25089	25118	25143	25171	25199
		S/T	0.22	0.25	0.29	0.34	0.23	0.27	0.31	0.36	0.25	0.28	0.33	0.38	0.43	0.49	0.56	0.64
		PI	1.39	1.39	1.39	1.40	1.47	1.48	1.48	1.48	1.56	1.56	1.57	1.65	1.66	1.66	1.66	1.66
	23	TC	21643	21673	21697	21726	22944	22971	22999	23026	24315	24347	24379	25579	25608	25633	25661	25689
		S/T	0.22	0.25	0.30	0.34	0.24	0.27	0.31	0.36	0.25	0.28	0.33	0.38	0.43	0.49	0.56	0.64
		PI	1.39	1.39	1.39	1.40	1.47	1.48	1.48	1.48	1.56	1.56	1.57	1.65	1.66	1.66	1.66	1.66
	32	TC	22039	22069	22094	22124	23364	23392	23419	23447	24760	24792	24825	26025	26054	26079	26107	26135
		S/T	0.22	0.25	0.30	0.34	0.24	0.27	0.31	0.36	0.25	0.29	0.33	0.38	0.43	0.49	0.56	0.64
		PI	1.41	1.41	1.41	1.42	1.50	1.50	1.50	1.50	1.59	1.59	1.59	1.68	1.68	1.68	1.68	1.69
	41	TC	21379	21408	21432	21461	22664	22691	22718	22745	24019	24050	24081	25281	25311	25335	25364	25392
		S/T	0.22	0.26	0.30	0.34	0.24	0.27	0.32	0.36	0.25	0.29	0.34	0.38	0.44	0.50	0.57	0.65
		PI	1.43	1.43	1.43	1.43	1.51	1.52	1.52	1.52	1.60	1.61	1.61	1.70	1.70	1.70	1.71	1.71
	50	TC	20834	20862	20886	20914	22087	22113	22139	22165	23406	23437	23467	24668	24697	24721	24750	24778
		S/T	0.23	0.26	0.30	0.34	0.24	0.27	0.32	0.36	0.25	0.29	0.34	0.38	0.44	0.50	0.57	0.65
		PI	1.44	1.44	1.44	1.45	1.53	1.53	1.53	1.53	1.62	1.62	1.62	1.71	1.72	1.72	1.72	1.72
	59	TC	21575	21604	21628	21657	22871	22898	22926	22953	24238	24270	24301	25501	25531	25555	25583	25612
		S/T	0.23	0.26	0.30	0.34	0.24	0.27	0.32	0.36	0.25	0.29	0.34	0.39	0.44	0.50	0.57	0.65
		PI	1.45	1.45	1.45	1.45	1.54	1.54	1.54	1.54	1.63	1.63	1.63	1.72	1.73	1.73	1.73	1.73
	68	TC	22315	22345	22370	22400	23656	23684	23712	23740	25070	25102	25135	26335	26364	26389	26417	26445
		S/T	0.23	0.26	0.30	0.35	0.24	0.27	0.32	0.37	0.26	0.29	0.34	0.39	0.44	0.50	0.58	0.66
		PI	1.46	1.46	1.46	1.46	1.55	1.55	1.55	1.55	1.64	1.64	1.64	1.73	1.74	1.74	1.74	1.74
	77	TC	23055	23086	23112	23143	24441	24470	24499	24528	25901	25935	25969	27169	27198	27223	27251	27279
		S/T	0.23	0.27	0.31	0.35	0.25	0.28	0.33	0.38	0.26	0.30	0.35	0.40	0.45	0.52	0.59	0.67
		PI	1.47	1.47	1.47	1.47	1.55	1.56	1.56	1.56	1.65	1.65	1.65	1.74	1.75	1.75	1.75	1.75
	86	TC	19276	19302	19324	19350	20435	20459	20483	20508	21656	21684	21712	22913	22942	22967	22995	23023
		S/T	0.24	0.27	0.32	0.36	0.25	0.29	0.33	0.38	0.27	0.30	0.35	0.40	0.46	0.52	0.60	0.68
		PI	1.62	1.62	1.62	1.62	1.71	1.71	1.72	1.72	1.82	1.82	1.82	1.92	1.92	1.93	1.93	1.93
	95	TC	18974	18999	19021	19046	20114	20138	20162	20186	21316	21344	21372	22572	22601	22626	22654	22682
		S/T	0.24	0.28	0.32	0.37	0.26	0.29	0.34	0.39	0.27	0.31	0.36	0.41	0.47	0.54	0.61	0.70
		PI	1.66	1.66	1.66	1.66	1.76	1.76	1.76	1.76	1.86	1.86	1.87	1.97	1.97	1.98	1.98	1.98
	104	TC	16331	16353	16372	16394	17313	17333	17354	17375	18348	18371	18395	19595	19625	19649	19678	19706
		S/T	0.25	0.29	0.34	0.39	0.27	0.31	0.36	0.41	0.29	0.33	0.38	0.43	0.50	0.57	0.64	0.73
		PI	1.51	1.52	1.52	1.52	1.60	1.61	1.61	1.61	1.70	1.70	1.70	1.81	1.81	1.81	1.82	1.82
	115	TC	14057	14076	14092	14111	14902	14919	14937	14955	15792	15813	15833	17034	17063	17087	17116	17144
		S/T	0.26	0.29	0.34	0.39	0.27	0.31	0.36	0.42	0.29	0.33	0.39	0.44	0.50	0.57	0.65	0.74
		PI	1.38	1.38	1.39	1.39	1.47	1.47	1.47	1.47	1.55	1.56	1.56	1.65	1.65	1.65	1.66	1.66
	122	TC	12099	12115	12129	12145	12826	12842	12857	12872	13593	13611	13628	15409	15453	15489	15531	15573
		S/T	0.27	0.30	0.36	0.41	0.28	0.32	0.38	0.43	0.30	0.34	0.40	0.46	0.52	0.59	0.67	0.77
		PI	1.26	1.26	1.27	1.27	1.34	1.34	1.34	1.34	1.42	1.42	1.42	1.50	1.50	1.51	1.51	1.51

PERFORMANCE NON-DUCTED 36K (Sheet 2 of 4)

AIRFLOW (CFM)	OUTDOOR DB °F	ID WB (°F) ID DB (°F)	60.8				64.4				66.2				71.6			
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.20	73.4	77.0	80.6	84.2
Med	-22	TC	24705	24738	24766	24799	26190	26221	26252	26283	27740	27775	27811	29358	29396	29428	29464	29500
		S/T	0.32	0.37	0.43	0.49	0.34	0.39	0.45	0.52	0.36	0.41	0.48	0.55	0.62	0.71	0.81	0.93
		PI	2.29	2.29	2.29	2.30	2.43	2.43	2.43	2.43	2.57	2.57	2.58	2.72	2.73	2.73	2.73	2.74
	-10	TC	25640	25674	25703	25738	27184	27214	27245	27276	28733	28769	28804	30352	30389	30421	30457	30494
		S/T	0.32	0.37	0.43	0.49	0.34	0.39	0.46	0.52	0.36	0.41	0.48	0.55	0.63	0.72	0.82	0.93
		PI	2.21	2.21	2.22	2.22	2.34	2.35	2.35	2.35	2.48	2.49	2.49	2.63	2.63	2.64	2.64	2.64
	0	TC	26419	26454	26484	26520	28011	28042	28073	28104	29561	29596	29632	31179	31217	31249	31285	31321
		S/T	0.32	0.37	0.43	0.49	0.34	0.39	0.46	0.52	0.36	0.42	0.49	0.55	0.63	0.72	0.82	0.94
		PI	2.15	2.15	2.15	2.15	2.27	2.28	2.28	2.28	2.41	2.41	2.42	2.55	2.56	2.56	2.56	2.56
	5	TC	26808	26844	26874	26911	28425	28456	28487	28518	29975	30010	30046	31593	31631	31663	31699	31735
		S/T	0.33	0.37	0.43	0.50	0.35	0.39	0.46	0.52	0.37	0.42	0.49	0.56	0.63	0.72	0.82	0.94
		PI	2.11	2.12	2.12	2.12	2.24	2.24	2.24	2.25	2.37	2.38	2.38	2.51	2.52	2.52	2.52	2.53
	14	TC	27509	27546	27577	27614	29170	29201	29232	29263	30720	30755	30791	32338	32376	32408	32444	32480
		S/T	0.33	0.37	0.44	0.50	0.35	0.40	0.46	0.53	0.37	0.42	0.49	0.56	0.64	0.73	0.83	0.94
		PI	2.05	2.06	2.06	2.06	2.18	2.18	2.18	2.18	2.31	2.31	2.31	2.44	2.45	2.45	2.45	2.46
	23	TC	28104	28141	28173	28211	29802	29832	29863	29894	31351	31387	31423	32970	33007	33039	33075	33112
		S/T	0.33	0.38	0.44	0.50	0.35	0.40	0.46	0.53	0.37	0.42	0.49	0.56	0.64	0.73	0.83	0.95
		PI	2.05	2.06	2.06	2.06	2.18	2.18	2.18	2.19	2.31	2.31	2.31	2.44	2.45	2.45	2.45	2.46
	32	TC	28644	28683	28715	28754	30377	30407	30438	30469	31926	31962	31997	33544	33582	33614	33650	33686
		S/T	0.33	0.38	0.44	0.50	0.35	0.40	0.47	0.53	0.37	0.42	0.50	0.56	0.64	0.73	0.84	0.95
		PI	2.08	2.09	2.09	2.09	2.21	2.21	2.21	2.22	2.34	2.34	2.35	2.48	2.48	2.49	2.49	2.49
	41	TC	27743	27780	27811	27849	29419	29449	29480	29511	30968	31004	31039	32586	32624	32656	32692	32728
		S/T	0.33	0.38	0.44	0.51	0.35	0.40	0.47	0.54	0.37	0.43	0.50	0.57	0.65	0.74	0.84	0.96
		PI	2.11	2.11	2.11	2.12	2.24	2.24	2.24	2.24	2.37	2.37	2.38	2.51	2.51	2.51	2.52	2.52
	50	TC	26998	27034	27065	27101	28627	28658	28689	28720	30176	30212	30248	31795	31833	31864	31901	31937
		S/T	0.33	0.38	0.45	0.51	0.35	0.40	0.47	0.54	0.38	0.43	0.50	0.57	0.65	0.74	0.85	0.96
		PI	2.13	2.13	2.13	2.14	2.26	2.26	2.26	2.26	2.39	2.39	2.40	2.53	2.53	2.54	2.54	2.54
	59	TC	28010	28047	28079	28117	29702	29733	29763	29794	31251	31287	31323	32870	32908	32939	32975	33012
		S/T	0.34	0.38	0.45	0.51	0.36	0.41	0.47	0.54	0.38	0.43	0.50	0.57	0.65	0.75	0.85	0.97
		PI	2.14	2.14	2.15	2.15	2.27	2.27	2.27	2.28	2.40	2.41	2.41	2.55	2.55	2.55	2.56	2.56
	68	TC	29021	29060	29093	29132	30777	30807	30838	30869	32326	32362	32397	33944	33982	34014	34050	34087
		S/T	0.34	0.38	0.45	0.51	0.36	0.41	0.48	0.54	0.38	0.43	0.51	0.58	0.66	0.75	0.85	0.97
		PI	2.15	2.16	2.16	2.16	2.28	2.28	2.29	2.29	2.42	2.42	2.42	2.56	2.56	2.57	2.57	2.57
	77	TC	30032	30073	30106	30147	31851	31882	31913	31944	33401	33436	33472	35019	35057	35089	35125	35161
		S/T	0.35	0.39	0.46	0.53	0.37	0.42	0.49	0.56	0.39	0.44	0.52	0.59	0.67	0.77	0.88	1.00
		PI	2.16	2.17	2.17	2.17	2.29	2.30	2.30	2.30	2.43	2.43	2.44	2.57	2.58	2.58	2.58	2.59
	86	TC	24870	24903	24931	24965	26365	26396	26427	26458	27915	27950	27986	29533	29571	29603	29639	29675
		S/T	0.35	0.40	0.47	0.53	0.37	0.42	0.50	0.57	0.39	0.45	0.53	0.60	0.68	0.78	0.89	1.00
		PI	2.39	2.39	2.39	2.39	2.53	2.53	2.54	2.54	2.68	2.68	2.69	2.84	2.84	2.85	2.85	2.85
	95	TC	24456	24489	24517	24550	25926	25957	25988	26018	27475	27511	27547	29094	29132	29163	29200	29236
		S/T	0.36	0.41	0.48	0.55	0.38	0.43	0.51	0.58	0.40	0.46	0.54	0.61	0.70	0.80	0.91	1.00
		PI	2.45	2.45	2.45	2.46	2.59	2.60	2.60	2.60	2.75	2.75	2.76	2.91	2.91	2.92	2.92	2.92
	104	TC	20846	20874	20897	20925	22090	22120	22151	22182	23639	23675	23710	25257	25295	25327	25363	25400
		S/T	0.38	0.43	0.50	0.57	0.40	0.46	0.53	0.61	0.42	0.48	0.57	0.65	0.74	0.84	0.96	1.00
		PI	2.23	2.24	2.24	2.24	2.37	2.37	2.37	2.38	2.51	2.51	2.52	2.67	2.68	2.68	2.68	2.69
	115	TC	17738	17762	17782	17806	18787	18818	18849	18880	20337	20372	20408	21955	21993	22025	22061	22097
		S/T	0.38	0.44	0.51	0.58	0.41	0.46	0.54	0.62	0.43	0.49	0.57	0.65	0.74	0.85	0.97	1.00
		PI	2.04	2.04	2.05	2.05	2.16	2.17	2.17	2.17	2.29	2.30	2.30	2.43	2.44	2.44	2.44	2.45
	122	TC	14353	14373	14389	14408	15161	15206	15252	15298	17460	17513	17566	19862	19918	19965	20019	20073
		S/T	0.40	0.45	0.53	0.60	0.42	0.48	0.56	0.64	0.44	0.51	0.59	0.68	0.77	0.88	1.00	1.00
		PI	1.87	1.87	1.87	1.87	1.98	1.98	1.98	1.98	2.10	2.10	2.10	2.22	2.22	2.22	2.23	2.23

PERFORMANCE NON-DUCTED 36K (Sheet 3 of 4)

AIRFLOW (CFM)	OUTDOOR DB °F	ID WB (°F) ID DB (°F)	60.8				64.4				66.2				71.6			
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.20	73.4	77.0	80.6	84.2
High	-22	TC	36662	36711	36752	36802	38866	38912	38958	39003	41165	41218	41272	43567	43623	43670	43724	43778
		S/T	0.48	0.54	0.63	0.72	0.50	0.58	0.67	0.77	0.53	0.61	0.71	0.81	0.93	1.00	1.00	1.00
		PI	3.40	3.40	3.40	3.41	3.60	3.60	3.61	3.61	3.82	3.82	3.83	4.04	4.05	4.05	4.06	4.06
	-10	TC	38049	38100	38143	38194	40340	40386	40432	40477	42639	42692	42746	45041	45097	45144	45198	45252
		S/T	0.48	0.55	0.64	0.73	0.51	0.58	0.68	0.77	0.54	0.61	0.72	0.82	0.93	1.00	1.00	1.00
		PI	3.28	3.28	3.29	3.29	3.48	3.48	3.49	3.49	3.69	3.69	3.69	3.90	3.91	3.91	3.92	3.92
	0	TC	39205	39258	39302	39355	41569	41614	41660	41706	43868	43921	43974	46270	46326	46373	46427	46481
		S/T	0.48	0.55	0.64	0.73	0.51	0.58	0.68	0.78	0.54	0.62	0.72	0.82	0.94	1.00	1.00	1.00
		PI	3.18	3.19	3.19	3.20	3.37	3.38	3.38	3.39	3.58	3.58	3.59	3.79	3.79	3.80	3.80	3.81
	5	TC	39783	39837	39881	39935	42183	42228	42274	42320	44482	44535	44588	46884	46940	46987	47041	47095
		S/T	0.48	0.55	0.64	0.73	0.51	0.58	0.68	0.78	0.54	0.62	0.72	0.83	0.94	1.00	1.00	1.00
		PI	3.13	3.14	3.14	3.15	3.32	3.33	3.33	3.34	3.52	3.53	3.53	3.73	3.73	3.74	3.74	3.75
	14	TC	40823	40878	40924	40979	43288	43334	43380	43425	45587	45640	45694	47989	48045	48092	48146	48200
		S/T	0.49	0.55	0.65	0.74	0.51	0.59	0.69	0.78	0.55	0.62	0.73	0.83	0.95	1.00	1.00	1.00
		PI	3.05	3.05	3.06	3.06	3.23	3.23	3.24	3.24	3.42	3.43	3.43	3.63	3.63	3.63	3.64	3.64
	23	TC	41705	41761	41808	41865	44226	44271	44317	44363	46525	46578	46631	48926	48983	49030	49083	49137
		S/T	0.49	0.56	0.65	0.74	0.52	0.59	0.69	0.79	0.55	0.63	0.73	0.83	0.95	1.00	1.00	1.00
		PI	3.05	3.05	3.06	3.06	3.23	3.24	3.24	3.24	3.42	3.43	3.43	3.63	3.63	3.63	3.64	3.64
	32	TC	42508	42565	42613	42670	45079	45124	45170	45216	47378	47431	47484	49779	49836	49883	49936	49990
		S/T	0.49	0.56	0.65	0.75	0.52	0.59	0.69	0.79	0.55	0.63	0.74	0.84	0.96	1.00	1.00	1.00
		PI	3.09	3.10	3.10	3.10	3.28	3.28	3.29	3.29	3.47	3.48	3.48	3.68	3.68	3.69	3.69	3.70
	41	TC	41170	41226	41272	41327	43657	43702	43748	43794	45956	46009	46062	48358	48414	48461	48515	48569
		S/T	0.49	0.56	0.66	0.75	0.52	0.60	0.70	0.79	0.55	0.63	0.74	0.84	0.96	1.00	1.00	1.00
		PI	3.13	3.13	3.14	3.14	3.32	3.32	3.33	3.33	3.52	3.52	3.53	3.72	3.73	3.73	3.74	3.74
	50	TC	40065	40119	40164	40218	42482	42528	42574	42619	44782	44835	44888	47183	47240	47287	47340	47394
		S/T	0.50	0.57	0.66	0.75	0.53	0.60	0.70	0.80	0.56	0.63	0.74	0.85	0.96	1.00	1.00	1.00
		PI	3.16	3.16	3.17	3.17	3.35	3.35	3.36	3.36	3.55	3.55	3.56	3.76	3.76	3.77	3.77	3.77
	59	TC	41566	41622	41668	41725	44077	44123	44169	44214	46376	46429	46482	48778	48834	48881	48935	48989
		S/T	0.50	0.57	0.66	0.76	0.53	0.60	0.70	0.80	0.56	0.64	0.75	0.85	0.97	1.00	1.00	1.00
		PI	3.18	3.18	3.18	3.19	3.37	3.37	3.37	3.38	3.57	3.57	3.58	3.78	3.78	3.79	3.79	3.80
	68	TC	43067	43125	43173	43231	45672	45718	45763	45809	47971	48024	48077	50373	50429	50476	50530	50584
		S/T	0.50	0.57	0.67	0.76	0.53	0.60	0.71	0.81	0.56	0.64	0.75	0.86	0.97	1.00	1.00	1.00
		PI	3.19	3.20	3.20	3.21	3.39	3.39	3.39	3.40	3.59	3.59	3.60	3.80	3.80	3.81	3.81	3.82
	77	TC	44568	44628	44678	44738	47267	47313	47358	47404	49566	49619	49672	51968	52024	52071	52125	52179
		S/T	0.51	0.59	0.69	0.78	0.54	0.62	0.73	0.83	0.58	0.66	0.77	0.88	1.00	1.00	1.00	1.00
		PI	3.21	3.22	3.22	3.22	3.41	3.41	3.41	3.42	3.61	3.61	3.62	3.82	3.83	3.83	3.84	3.84
	86	TC	36906	36956	36997	37047	39126	39171	39217	39263	41425	41478	41531	43827	43883	43930	43984	44038
		S/T	0.52	0.59	0.69	0.79	0.55	0.63	0.74	0.84	0.59	0.67	0.78	0.89	1.00	1.00	1.00	1.00
		PI	3.54	3.55	3.55	3.55	3.75	3.76	3.76	3.77	3.98	3.98	3.99	4.21	4.22	4.22	4.23	4.23
	95	TC	36293	36342	36382	36431	38474	38520	38565	38611	40773	40826	40879	43175	43231	43278	43332	43386
		S/T	0.53	0.61	0.71	0.81	0.57	0.65	0.75	0.86	0.60	0.68	0.80	0.91	0.64	0.74	0.85	0.97
		PI	3.63	3.64	3.64	3.64	3.85	3.85	3.86	3.86	4.08	4.08	4.09	4.32	4.32	4.33	4.33	4.34
	104	TC	30935	30977	31011	31053	32781	32826	32872	32918	35080	35133	35186	37482	37538	37585	37639	37693
		S/T	0.56	0.64	0.75	0.85	0.59	0.68	0.79	0.90	0.63	0.72	0.84	0.96	1.00	1.00	1.00	1.00
		PI	3.32	3.32	3.32	3.33	3.52	3.52	3.52	3.53	3.73	3.73	3.74	3.97	3.97	3.98	3.98	3.99
	115	TC	26323	26359	26388	26424	27880	27926	27972	28017	30179	30232	30286	32581	32637	32684	32738	32792
		S/T	0.57	0.65	0.76	0.86	0.60	0.69	0.80	0.91	0.64	0.73	0.85	0.97	1.00	1.00	1.00	1.00
		PI	3.03	3.03	3.04	3.04	3.21	3.22	3.22	3.22	3.40	3.41	3.41	3.61	3.62	3.62	3.63	3.63
	122	TC	22354	22384	22409	22439	23663	23708	23754	23800	25962	26015	26068	28363	28420	28467	28520	28574
		S/T	0.59	0.67	0.78	0.89	0.62	0.71	0.83	0.95	0.66	0.75	0.88	1.00	1.00	1.00	1.00	1.00
		PI	2.77	2.77	2.77	2.78	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.29	3.30	3.30	3.30	3.31