

TECHNICAL SPECIFICATIONS

P95RD Series

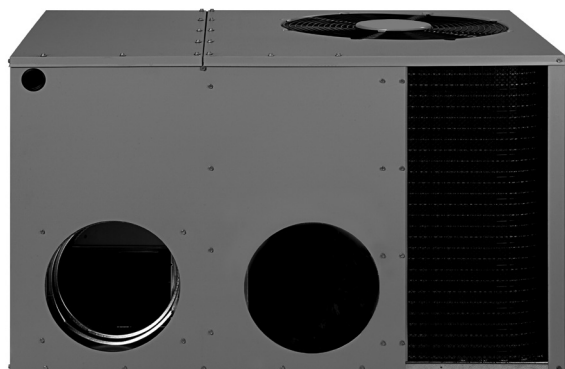
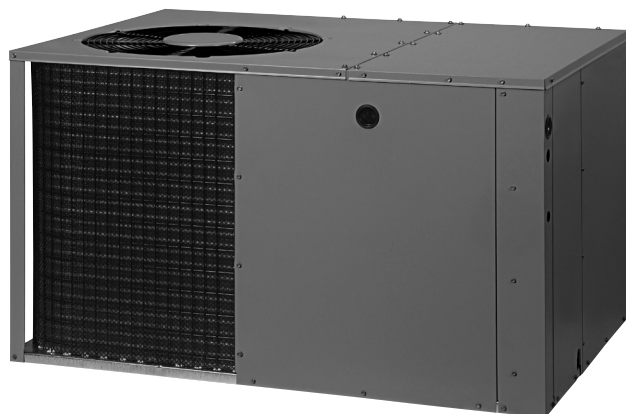
Single Packaged Air Conditioner

13.4 SEER2

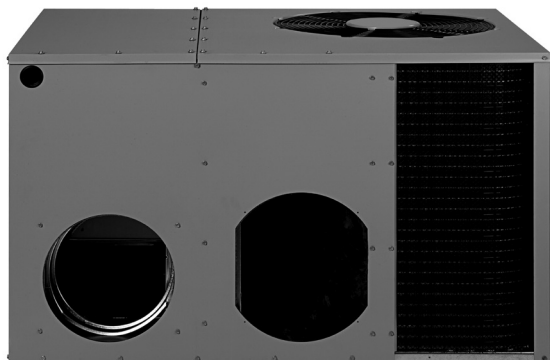
2 thru 5 Ton Units

Cooling: 22,600 to 56,500

The P95 Series single packaged air conditioners are high efficiency self contained cooling units that can be installed on a slab, roof curb, or metal stand. Heater kits are available as accessory items. Units are ETL and ETLc listed.



2 - 3 Ton Duct View

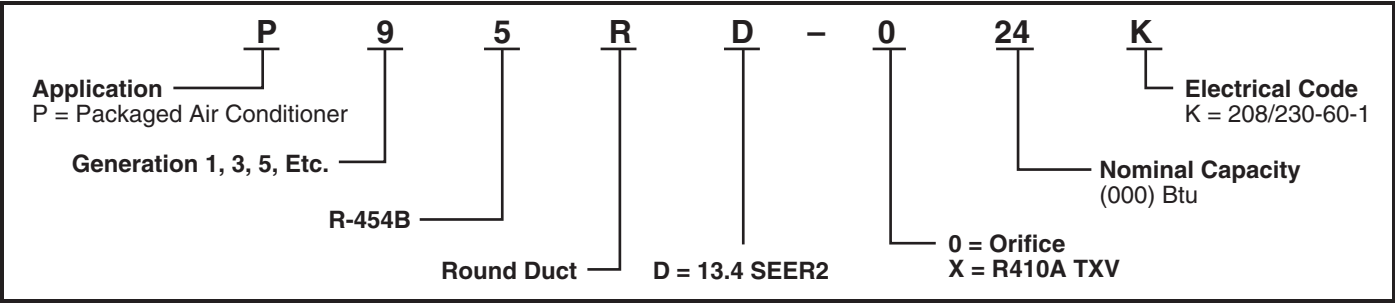


Typical 3.5 - 5 Ton Duct View

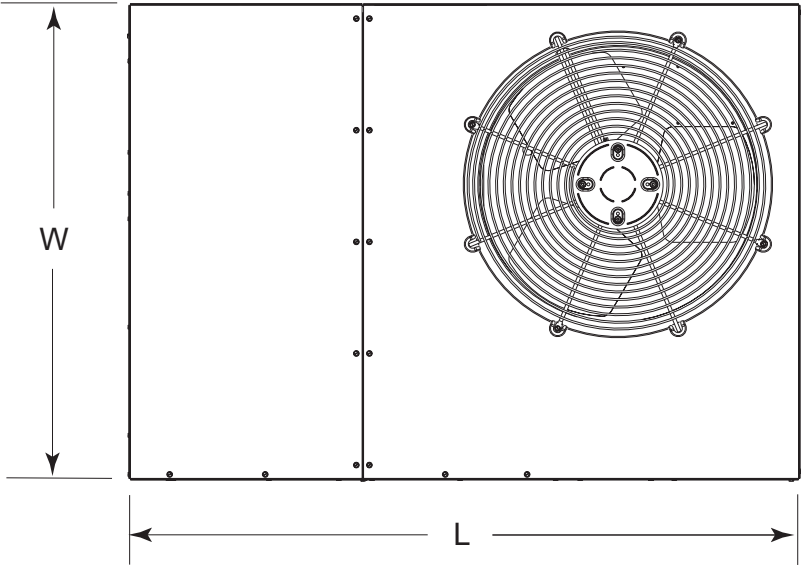
FEATURES and BENEFITS

- **R-454B Refrigerant**
- **Scroll Compressor:** Industry leading technology utilized in all models for reliable performance and increased efficiency
- **Hi Pressure Switches:** Ensure long compressor life.
- **All-Aluminum Coils:** Evaporator and condenser coils are designed to optimize heat transfer, minimize footprint, and increase durability
- **ECM Blower Motor:** Fixed torque energy efficient brushless DC ECM motor, provides 5 speeds.
- **Permanently Lubricated Condenser Motor:** A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Low Voltage Transformer:** Includes 3 Amp fuse to protect low voltage circuit.
- **Liquid Line Filter Drier:** Factory installed at a convenient location for service.
- **Designed Using Galvanized Steel:** With a polyester urethane coat finish, the 950 hour salt spray finish is 1.5 mil thick and resists corrosion.
- **Compact Footprint and Profile:** Make the P95 Series easy to install and transport.
- **0" Clearance:** To combustibles on duct side of the unit allows for installations in tight areas.
- **Wire Guard Coated with Earth Friendly Epoxy and Plastic Mesh Hail Guard:** A guard that will never rust and protects the units coil from being damaged.
- **Raised Base Pan:** Allows water to drain away from the unit.
- **Easy Compressor and Control Access:** Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the front of the unit. Hi/low service ports allow refrigerant access without disrupting operation.
- **Easy Access:** To the evaporator coil for cleaning, blower assembly removal and general maintenance.
- **Drain Trap:** Design optimizes drainage capabilities.
- **Removable Top Grille Assembly:** Allows ease of service to the fan motor.
- **Optional Electric Heat:** Field installed 5 – 20 KW.
- **Notched Base Rail Supports:** Allow units to be set on roof curbs or metal stands.

MODEL IDENTIFICATION CODE



DIMENSIONS

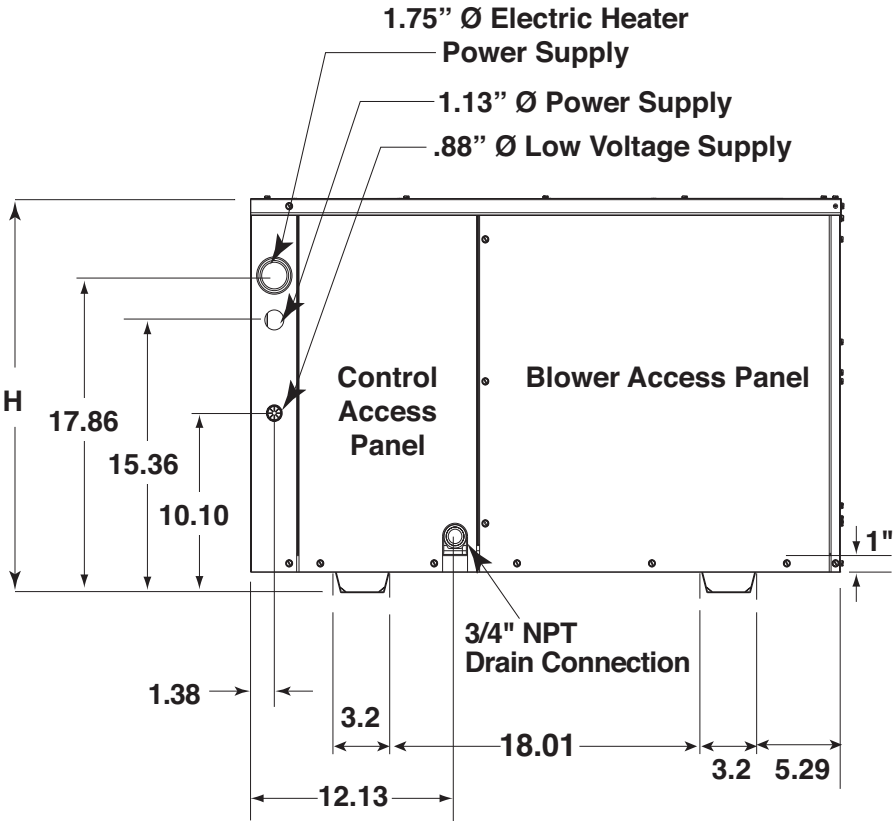


Top View

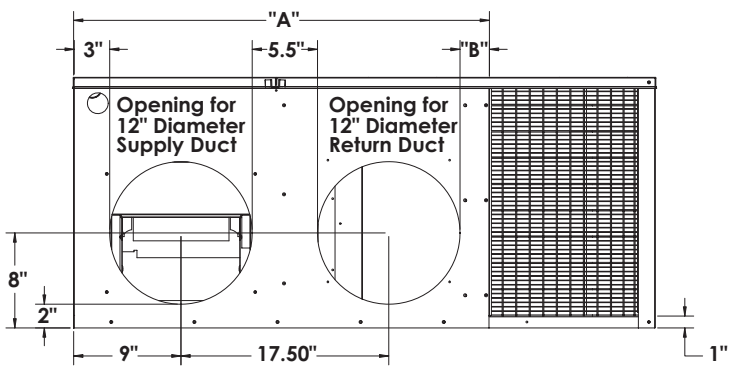
Model Number P95RD	(L) Length	(W) Width	(H) Height	A	B
024K	49	35	22.2	35.02	2.48
030K	49	35	22.2	35.02	2.48
036K	49	35	22.2	35.02	2.48
042K	49	35	30.2	35.02	2.48
048K	49	35	30.2	35.02	2.48
060K	63	35	38.2	35.02	2.48

Model Number P95RD	Return Diameter (in)	Supply Diameter (in)
024K	12	12
030K	12	12
036K	12	12
042K	14	12
048K	14	12
060K	14	12

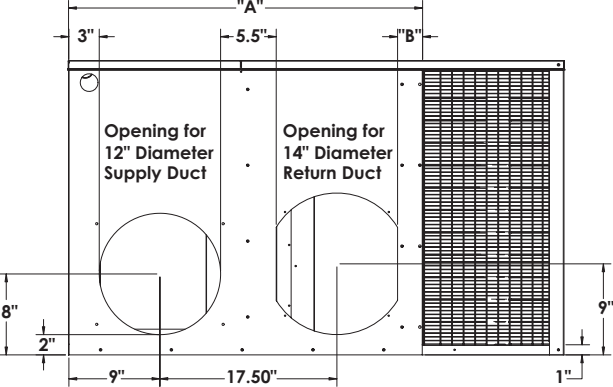
DIMENSIONS Continued



Side View



(2, 2.5, & 3 ton)



(3.5, 4, & 5 ton)

Back (Duct) View

PHYSICAL SPECIFICATIONS

Model Number P95RD		024K	030K	036K	042K	048K	060K	
Performance Data	Cooling Btu/h	23,600	28,600	34,400	40,000	46,000	56,500	
	SEER2	13.4	13.4	13.4	13.4	13.4	13.4	
	EER2-A	10.6	10.6	10.6	10.6	10.6	10.6	
	Sound Ratings	75	77	76	76	77	76	
Electrical Data	Volts-Cycles-Phase (1)	208/230-60-1						
	Operating Voltage Range	187 - 253						
	Delay Fuse - Maximum (2)	20	30	40	45	50	60	
	Minimum Circuit Ampacity	16.0	20.5	25.7	28.5	36.5	38.1	
Compressor Data		LRA	63.0	67.0	93.5	123.0	126.0	157.0
Fan Motor		HP	1/5	1/8	1/8	1/4	1/4	1/4
Blower Motor		HP	1/2	1/2	1/2	3/4	1	1
R454B Refrigerant Charge		Oz.	37.0	38.4	34.0	44.6	46.7	69.0
Approximate Shipping Weight (lbs.)		212	237	243	296	298	353	

(1) Operating Voltage Range: 187v min. - 253v max. Amperage and wire size based on refrigeration system only. See electrical data tables for supplemental electric heaters.

(2) HACR Type Circuit Breakers may be used.

(3) Rated for 10,000 ft maximum elevation

ELECTRICAL DATA

Model	Heater kw HK1 Series	Single Circuit		Single Circuit			
				Circuit A		Circuit B	
		MCA 208V/230V	MOP 208V/230V	MCA 208V/230V	MOP 208V/230V	MCA 208V/230V	MOP 208V/230V
P95RD-024K	0	16.0	20	—	—	—	—
	5	26.4/28.7	30/30	—	—	—	—
	8	39.1/42.7	40/45	—	—	—	—
	10	48.1/52.7	50/60	—	—	—	—
	15	69.8/76.6	70/80	48.1/52.7	50/60	21.7/24.0	25/25
P95RD-030K	0	20.5	30	—	—	—	—
	5	26.4/28.7	30/30	—	—	—	—
	8	39.1/42.7	40/45	—	—	—	—
	10	48.1/52.7	50/60	—	—	—	—
	15	69.8/76.6	70/80	48.1/52.7	50/60	21.7/24.0	25/25
P95RD-036K	0	25.7	40	—	—	—	—
	5	26.4/28.7	40/40	—	—	—	—
	8	39.1/42.7	40/45	—	—	—	—
	10	48.1/52.7	50/60	—	—	—	—
	15	69.8/76.6	70/80	48.1/52.7	50/60	21.7/24.0	25/25
P95RD-042K	0	28.5	45	—	—	—	—
	5	28.5/30.7	45/45	—	—	—	—
	8	41.1/44.7	45/45	—	—	—	—
	10	50.1/54.7	60/60	—	—	—	—
	15	71.8/78.6	80/80	50.1/54.7	60/60	21.7/24.0	25/25
	20	93.4/102.6	100/110	50.1/54.7	60/60	43.3/47.9	45/50
P95RD-048K	0	36.5	50	—	—	—	—
	5	36.5/36.5	50/50	—	—	—	—
	8	43.1/46.7	50/50	—	—	—	—
	10	52.1/56.7	60/60	—	—	—	—
	15	73.8/80.6	80/90	52.1/56.7	60/60	21.7/24.0	25/25
	20	95.4/104.6	100/110	52.1/56.7	60/60	43.3/47.9	45/50
P95RD-060K	0	38.1	60	—	—	—	—
	5	38.1/38.1	60/60	—	—	—	—
	8	43.1/46.7	60/60	—	—	—	—
	10	52.1/56.7	60/60	—	—	—	—
	15	73.8/80.6	80/90	52.1/56.7	60/60	21.7/24.0	25/25
	20	95.4/104.6	100/110	52.1/56.7	60/60	43.3/47.9	45/50

ACCESSORIES

Heater Application Matrix

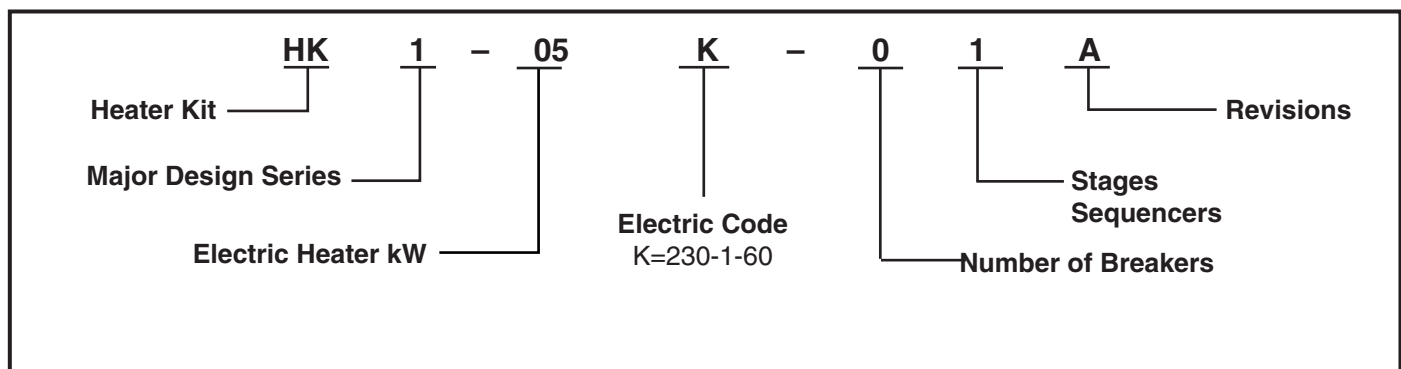
Model Number P95RD	HK1-05K-01A - 1049196A	HK1-08K-01A - 1049197A	HK1-10K-01A - 1049198A	HK1-15K-01A - 1049199A	HK1-15K-21A - 10491200A	HK1-20K-21A - 10491201A
024K	X	X	X	X	X	NA
030K	X	X	X	X(2)	X	NA
036K	X	X	X	X(2)	X	NA
042K	X	X	X	X(2)	X	X
048K	X	X	X	X(2)	X	X
060K	X	X	X	X(2)	X	X

NA = Not Approved.

() = Number of internal circuit breaker kits required.

X = Branch circuit protection only.

Heater Kit Model Identification Code



Accessories

Description	Part Number
4-Pole single circuit adaptor	913350
Circuit Breaker Single Phase (2-pole)	913554
12" Duct Collar	250101R
14" Duct Collar	250102R

High Wind Tie-Down Kits - <http://miamitech.com/products/metal/cutdnortek.html>

BLOWER PERFORMANCE

HEAT RISE DATA (BASED ON NOMINAL 10KW ELECTRIC HEAT KIT)																	
P95RD Unit	Blower Settings	EXTERNAL STATIC PRESSURE DROP - INCHES WATER COLUMN															
		0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8	
		CFM	HEAT RISE	CFM	HEAT RISE	CFM	HEAT RISE	CFM	HEAT RISE	CFM	HEAT RISE	CFM	HEAT RISE	CFM	HEAT RISE	CFM	HEAT RISE
024K	Tap T1	755	42	706	45	637	50	598	53	548	58	520	61	520	61	450	70
	Tap T2**	894	35	852	37	804	39	760	42	707	45	661	48	661	48	574	55
	Tap T3*	1,054	30	1,013	31	978	32	932	34	896	35	839	38	839	38	755	42
	Tap T4	1,218	26	1,181	27	1,148	28	1,108	29	1,068	30	1,026	31	1,026	31	934	34
	Tap T5	1,375	23	1,341	24	1,306	24	1,270	25	1,233	26	1,199	26	1,199	26	1,120	28
030K	Tap T1	937	34	917	34	866	36	819	39	744	42	676	47	624	51	561	56
	Tap T2**	1,160	27	1,128	28	1,094	29	1,049	30	1,004	31	950	33	877	36	814	39
	Tap T3	1,292	24	1,258	25	1,216	26	1,178	27	1,124	28	1,077	29	1,022	31	963	33
	Tap T4*	1,436	22	1,400	23	1,363	23	1,324	24	1,275	25	1,226	26	1,179	27	1,125	28
	Tap T5	1,570	20	1,535	21	1,494	21	1,458	22	1,416	22	1,372	23	1,322	24	1,273	25
036K	Tap T1	1147	28	1108	29	1073	29	1,029	31	986	32	926	34	860	37	793	40
	Tap T2**	1307	24	1,276	25	1236	26	1,203	26	1,159	27	1,110	28	1,064	30	1,003	31
	Tap T3	1441	22	1,413	22	1373	23	1,339	24	1,304	24	1,248	25	1,213	26	1,163	27
	Tap T4*	1562	20	1,531	21	1503	21	1,467	22	1,432	22	1,394	23	1,351	23	1,311	24
	Tap T5	1594	20	1,559	20	1530	21	1,494	21	1,461	22	1,424	22	1,381	23	1,331	24
042K	Tap T1	1,342	24	1,301	24	1,260	25	1,221	26	1,181	27	1,139	28	1,100	29	1,055	30
	Tap T2**	1,507	21	1,465	22	1,425	22	1,388	23	1,349	23	1,310	24	1,262	25	1,227	26
	Tap T3	1,759	18	1,724	18	1,690	19	1,650	19	1,613	20	1,571	20	1,532	21	1,488	21
	Tap T4*	1,928	16	1,891	17	1,857	17	1,819	17	1,778	18	1,740	18	1,705	19	1,664	19
	Tap T5	2,047	15	2,015	16	1,982	16	1,950	16	1,912	17	1,881	17	1,836	17	1,795	18
048K	Tap T1	1,228	26	1,165	27	1,097	29	1,026	31	966	33	898	35	851	37	780	41
	Tap T2**	1,367	23	1,302	24	1,233	26	1,169	27	1,107	29	1,048	30	984	32	931	34
	Tap T3	1,479	21	1,417	22	1,354	23	1,292	24	1,232	26	1,168	27	1,101	29	1,048	30
	Tap T4*	1,590	20	1,531	21	1,479	21	1,424	22	1,357	23	1,298	24	1,238	26	1,178	27
	Tap T5	1,726	18	1,668	19	1,608	20	1,555	20	1,497	21	1,442	22	1,379	23	1,318	24
060K	Tap T1	1,576	20	1,539	21	1,502	21	1,460	22	1,417	22	1,373	23	1,339	24	1,302	24
	Tap T2**	1,736	18	1,697	19	1,663	19	1,630	19	1,593	20	1,549	20	1,513	21	1,479	21
	Tap T3	1,924	16	1,889	17	1,855	17	1,820	17	1,786	18	1,749	18	1,707	19	1,679	19
	Tap T4*	2,079	15	2,041	15	2,007	16	1,977	16	1,949	16	1,910	17	1,873	17	1,837	17
	Tap T5	2,222	14	2,197	14	2,157	15	2,129	15	2,089	15	2,058	15	2,030	16	1,988	16

NOTES

* Denotes factory set COOL speed

** Denotes factory set electric HEAT speed

Temperature rises shaded gray are for reference only.

These conditions are not recommended.

Conversion	
KW/h to Btu/h	3412.1
KW/h	Btu/h
5	17060.7
8	27297.1
10	34121.4
15	51182.1
20	68242.8

Heat rise: $\text{Btu/h} = \text{CFM} \times \Delta T \times 1.08$

$\Delta T = (\text{Btu/h}) / (\text{CFM} \times 1.08)$

COOLING EXPANDED RATINGS

P95RD-024K

CFM	O.D.T.	I.W.B.	65°F			75°F			85°F			95°F			105°F			115°F		
	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
700	80	62	24.6	20.3	1.37	23.5	19.7	1.53	22.4	19.3	1.70	21.3	18.8	1.89	20.0	18.1	2.10	18.6	17.5	2.34
	80	67	26.6	17.2	1.37	25.5	16.7	1.54	24.3	16.2	1.72	23.3	15.8	1.91	22.0	15.3	2.13	20.7	14.7	2.38
	80	72	28.5	14.2	1.36	27.4	13.7	1.54	26.1	13.1	1.73	24.9	12.6	1.94	23.9	12.2	2.16	22.7	11.8	2.41
	75	62	24.2	17.3	1.37	23.3	16.8	1.53	22.4	16.4	1.70	21.2	15.9	1.89	19.9	15.2	2.10	18.5	14.6	2.34
	75	67	26.3	14.3	1.37	25.2	13.8	1.54	24.1	13.3	1.72	23.1	12.9	1.91	21.9	12.3	2.13	20.6	11.8	2.38
870	80	62	25.3	22.1	1.43	24.2	21.5	1.59	23.1	21.1	1.77	21.8	20.5	1.96	20.5	19.9	2.17	19.1	19.0	2.41
	80	67	27.3	18.5	1.43	26.2	18.0	1.60	25.0	17.4	1.78	23.9	17.1	1.98	22.6	16.6	2.20	21.1	16.0	2.44
	80	72	29.2	14.8	1.42	28.0	14.3	1.60	26.7	13.7	1.79	25.3	13.2	2.00	24.3	12.8	2.22	23.1	12.5	2.48
	75	62	25.1	18.6	1.43	24.1	18.2	1.59	23.0	17.7	1.77	21.8	17.2	1.96	20.4	16.5	2.17	18.9	15.9	2.41
	75	67	26.9	14.9	1.43	25.7	14.4	1.60	24.6	13.9	1.78	23.7	13.6	1.98	22.4	13.1	2.20	21.0	12.5	2.44
900	80	62	25.4	22.4	1.44	24.3	21.9	1.60	23.2	21.4	1.78	21.9	20.8	1.97	20.6	20.1	2.18	19.3	19.3	2.42
	80	67	27.5	18.7	1.44	26.3	18.2	1.61	25.1	17.6	1.79	24.0	17.3	1.99	22.6	16.8	2.21	21.2	16.2	2.45
	80	72	29.3	14.9	1.43	28.0	14.4	1.61	26.7	13.8	1.80	25.4	13.2	2.01	24.4	12.9	2.23	23.2	12.6	2.49
	75	62	25.2	18.8	1.44	24.2	18.4	1.60	23.1	18.0	1.78	21.8	17.4	1.97	20.5	16.8	2.18	19.0	16.2	2.42
	75	67	27.0	15.0	1.44	25.8	14.5	1.61	24.7	14.0	1.79	23.7	13.7	1.99	22.5	13.2	2.20	21.1	12.6	2.45

Sim ID 2932 calibrated by WO1110-02

P95RD-030K

CFM	O.D.T.	I.W.B.	65°F			75°F			85°F			95°F			105°F			115°F		
	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
875	80	62	29.4	24.1	1.70	28.4	23.7	1.90	27.2	23.3	2.12	25.8	22.6	2.36	24.3	21.8	2.64	22.9	21.3	2.98
	80	67	31.6	20.4	1.70	30.2	19.7	1.90	29.5	19.5	2.05	28.1	19.0	2.34	26.6	18.4	2.63	25.0	17.7	2.97
	80	72	33.6	16.7	1.71	32.1	16.0	1.91	30.5	15.3	2.11	29.5	14.9	2.34	28.7	14.6	2.63	27.2	14.0	2.97
	75	62	29.1	20.6	1.70	28.4	20.4	1.90	27.1	19.8	2.12	25.7	19.1	2.36	24.2	18.4	2.64	22.7	17.7	2.98
	75	67	30.8	16.8	1.70	29.5	16.1	1.90	29.0	16.0	2.11	27.9	15.5	2.34	26.4	14.8	2.62	24.9	14.1	2.97
1070	80	62	30.3	25.8	1.79	29.2	25.6	1.99	27.9	25.2	2.20	26.4	24.5	2.44	24.9	23.9	2.72	23.4	22.9	3.06
	80	67	32.3	21.4	1.79	30.9	20.7	1.99	30.2	20.7	2.14	28.8	20.4	2.43	27.2	19.7	2.72	25.5	19.1	3.07
	80	72	34.2	17.2	1.80	32.7	16.5	2.00	31.0	15.8	2.20	29.9	15.4	2.43	29.3	15.4	2.72	27.7	14.8	3.07
	75	62	29.8	21.7	1.79	29.1	21.8	1.99	27.8	21.2	2.21	26.3	20.6	2.44	24.7	19.9	2.72	23.2	19.1	3.07
	75	67	31.4	17.3	1.79	29.9	16.5	1.99	29.7	16.7	2.20	28.6	16.2	2.43	27.0	15.6	2.72	25.3	14.9	3.06
1125	80	62	30.4	26.3	1.80	29.4	26.1	2.01	28.0	25.7	2.22	26.6	25.2	2.46	25.1	24.4	2.74	23.6	23.3	3.08
	80	67	32.5	21.8	1.81	31.0	21.0	2.01	30.4	20.9	2.15	28.9	20.8	2.45	27.3	20.2	2.74	25.6	19.5	3.08
	80	72	34.4	17.4	1.82	32.8	16.7	2.01	31.1	15.9	2.21	30.0	15.5	2.44	29.4	15.6	2.74	27.8	15.0	3.09
	75	62	30.0	22.1	1.80	29.3	22.2	2.01	27.9	21.6	2.22	26.4	21.0	2.46	24.9	20.3	2.74	23.3	19.5	3.09
	75	67	31.5	17.4	1.81	30.0	16.6	2.00	29.8	16.9	2.22	28.7	16.5	2.45	27.1	15.8	2.73	25.4	15.1	3.08

Sim ID 2692 calibrated by WO1061-01

P95RD-036K

CFM	O.D.T.	I.W.B.	65°F			75°F			85°F			95°F			105°F			115°F		
	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1050	80	62	38.2	31.6	2.23	36.0	30.7	2.44	33.6	29.5	2.68	30.9	27.9	2.94	28.0	26.5	3.24	25.2	24.7	3.59
	80	67	41.0	26.7	2.24	39.2	25.8	2.46	36.8	24.6	2.70	34.1	23.5	2.98	31.1	22.2	3.29	27.9	20.7	3.63
	80	72	44.1	21.8	2.25	41.8	20.8	2.47	39.7	19.8	2.72	37.2	18.7	3.00	34.4	17.5	3.33	31.2	16.1	3.68
	75	62	37.6	26.9	2.23	35.5	25.7	2.44	33.0	24.7	2.68	30.4	23.2	2.94	27.4	21.9	3.24	24.5	20.4	3.59
	75	67	40.5	22.0	2.24	38.6	21.0	2.46	36.2	19.9	2.70	33.6	18.6	2.98	30.6	17.3	3.29	27.4	15.8	3.63
1220	80	62	39.2	33.8	2.27	36.9	32.8	2.49	34.3	31.4	2.73	31.5	30.1	2.99	28.7	28.1	3.29	26.1	26.1	3.64
	80	67	42.1	28.2	2.29	40.1	27.3	2.51	37.6	26.2	2.75	34.8	25.0	3.03	31.7	23.7	3.34	28.4	22.3	3.68
	80	72	44.9	22.6	2.30	42.5	21.5	2.52	40.5	20.7	2.77	37.9	19.5	3.05	35.0	18.3	3.38	31.8	16.9	3.73
	75	62	38.6	28.5	2.27	36.3	27.4	2.49	33.8	26.3	2.73	31.0	24.9	2.99	27.9	23.3	3.29	24.8	21.8	3.64
	75	67	41.5	23.0	2.29	39.6	22.0	2.51	37.1	20.9	2.75	34.2	19.5	3.03	31.1	18.1	3.34	27.8	16.7	3.68
1350	80	62	39.7	35.3	2.32	37.4	34.4	2.53	34.8	33.0	2.77	32.0	31.3	3.03	29.3	29.3	3.34	26.6	26.6	3.69
	80	67	42.7	29.3	2.33	40.6	28.4	2.55	38.0	27.2	2.80	35.2	26.0	3.07	32.0	24.8	3.38	28.6	23.3	3.72
	80	72	45.3	23.2	2.34	43.0	22.1	2.56	40.9	21.2	2.81	38.4	20.2	3.10	35.3	18.9	3.42	32.0	17.5	3.78
	75	62	39.2	29.6	2.32	36.8	28.6	2.53	34.2	27.4	2.77	31.3	26.0	3.03	28.2	24.4	3.33	25.1	22.2	3.68
	75	67	41.9	23.5	2.33	40.1	22.7	2.55	37.4	21.4	2.80	34.6	20.1	3.07	31.4	18.8	3.38	28.1	17.3	3.72

Sim ID 2855 calibrated by WO3666-30

COOLING EXPANDED RATINGS (CONTINUED)

P95RD-042K

	O.D.T.	I.W.B.	65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1400	80	62	43.8	37.1	2.32	41.2	35.6	2.54	38.7	34.4	2.80	36.0	33.0	3.09	33.1	31.7	3.42	30.2	29.9	3.78
	80	67	47.6	31.6	2.35	45.0	30.3	2.58	42.5	29.0	2.84	39.9	27.8	3.13	36.8	26.4	3.46	33.3	24.8	3.81
	80	72	50.6	25.6	2.34	48.0	24.4	2.57	45.3	23.1	2.84	42.5	21.8	3.14	39.6	20.6	3.47	36.3	19.2	3.82
	75	62	43.0	31.3	2.31	40.7	30.1	2.55	38.1	28.8	2.81	35.4	27.4	3.09	32.5	25.9	3.42	29.6	24.4	3.78
	75	67	46.8	25.8	2.35	44.2	24.5	2.58	41.7	23.3	2.84	39.2	22.1	3.13	36.2	20.7	3.46	32.7	19.1	3.81
1600	80	62	44.1	38.6	2.52	41.5	37.1	2.74	38.8	35.9	3.00	36.0	34.4	3.29	33.1	32.7	3.62	30.6	30.6	3.98
	80	67	48.1	32.6	2.55	45.3	31.1	2.78	42.7	29.8	3.04	40.0	28.7	3.34	36.9	27.3	3.66	33.2	25.6	4.01
	80	72	50.9	26.0	2.54	48.2	24.6	2.77	45.4	23.3	3.04	42.4	22.0	3.34	39.7	20.9	3.67	36.1	19.4	4.03
	75	62	43.4	32.3	2.51	41.0	31.0	2.75	38.3	29.7	3.01	35.4	28.3	3.29	32.4	26.8	3.62	29.4	25.3	3.98
	75	67	47.0	26.2	2.55	44.3	24.8	2.78	41.9	23.6	3.04	39.3	22.4	3.34	36.2	21.0	3.66	32.6	19.4	4.01
1750	80	62	44.1	39.6	2.70	41.4	38.0	2.93	38.7	36.8	3.19	35.9	35.2	3.48	33.2	33.2	3.81	30.7	30.7	4.17
	80	67	48.1	33.0	2.73	45.3	31.6	2.96	42.6	30.3	3.22	39.9	29.2	3.52	36.7	27.8	3.85	33.0	26.1	4.20
	80	72	50.8	26.0	2.72	48.1	24.7	2.96	45.2	23.4	3.23	42.2	21.9	3.52	39.4	20.8	3.86	35.9	19.4	4.21
	75	62	43.4	32.8	2.70	40.9	31.5	2.93	38.2	30.3	3.19	35.3	28.9	3.48	32.2	27.3	3.80	29.1	25.5	4.16
	75	67	47.0	26.3	2.73	44.2	24.8	2.96	41.7	23.6	3.22	39.2	22.5	3.52	36.0	21.1	3.85	32.4	19.4	4.20

Sim ID 2860 calibrated by WO3886-03

P95RD-048K

	O.D.T.	I.W.B.	65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1600	80	62	52.1	42.4	2.98	49.1	41.0	3.26	45.9	39.4	3.61	42.4	37.5	3.98	38.7	35.8	4.40	34.8	33.5	4.85
	80	67	56.3	36.1	3.01	53.3	34.5	3.30	50.3	33.1	3.65	46.8	31.4	4.06	43.0	29.6	4.49	38.8	27.6	4.94
	80	72	60.5	29.4	3.01	57.2	27.9	3.31	53.8	26.3	3.66	50.5	24.7	4.06	46.8	23.2	4.52	42.4	21.3	4.99
	75	62	50.9	35.8	2.97	48.3	34.5	3.26	45.1	32.9	3.61	41.7	31.1	3.98	38.0	29.1	4.40	34.0	27.0	4.86
	75	67	55.4	29.6	3.01	52.3	27.9	3.30	49.6	26.6	3.65	46.0	24.9	4.05	42.2	23.1	4.49	38.1	21.2	4.94
1750	80	62	52.7	43.8	3.05	49.7	42.4	3.34	46.3	40.7	3.68	42.8	39.1	4.06	39.0	37.1	4.48	35.1	34.7	4.93
	80	67	57.2	37.2	3.09	53.9	35.4	3.38	50.8	34.0	3.73	47.2	32.4	4.14	43.3	30.5	4.57	39.1	28.5	5.02
	80	72	61.2	30.1	3.09	57.7	28.4	3.39	54.3	26.7	3.74	50.9	25.2	4.14	47.1	23.6	4.60	42.7	21.7	5.07
	75	62	51.7	36.8	3.05	48.9	35.5	3.34	45.6	33.9	3.68	42.1	32.0	4.06	38.3	30.0	4.48	34.2	28.0	4.93
	75	67	56.2	30.2	3.09	52.9	28.5	3.38	50.0	27.1	3.73	46.5	25.4	4.13	42.5	23.6	4.57	38.3	21.5	5.02
1900	80	62	53.2	45.1	3.13	50.1	43.8	3.43	46.7	42.0	3.77	43.1	40.4	4.15	39.3	38.0	4.57	35.6	35.6	5.03
	80	67	58.1	37.9	3.17	54.3	36.2	3.46	51.2	34.9	3.82	47.5	33.2	4.22	43.5	31.3	4.66	39.2	29.3	5.11
	80	72	61.5	30.4	3.17	58.4	28.8	3.48	54.5	27.0	3.83	51.1	25.7	4.23	47.4	24.0	4.69	42.9	22.1	5.16
	75	62	52.1	37.7	3.13	49.3	36.4	3.43	45.9	34.7	3.77	42.3	32.9	4.15	38.4	31.0	4.57	34.3	28.8	5.02
	75	67	56.5	30.6	3.17	53.1	28.9	3.46	50.3	27.5	3.82	46.7	25.9	4.22	42.7	24.0	4.66	38.4	21.9	5.11

Sim ID 2892 calibrated by WO3697-26

P95RD-060K

	O.D.T.	I.W.B.	65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1600	80	62	59.6	48.0	3.42	57.5	47.1	3.77	55.1	46.0	4.20	52.4	44.9	4.68	49.5	43.1	5.25	46.4	42.0	5.90
	80	67	64.7	41.1	3.41	62.2	39.9	3.75	59.8	38.9	4.16	57.1	37.7	4.64	54.1	36.4	5.20	50.7	35.0	5.84
	80	72	70.1	34.0	3.43	67.3	32.8	3.77	64.5	31.5	4.17	61.8	30.4	4.64	58.8	29.3	5.21	55.4	27.9	5.84
	75	62	59.2	41.2	3.42	57.2	40.3	3.77	54.8	39.2	4.19	52.1	37.9	4.68	49.2	36.4	5.25	46.0	34.9	5.91
	75	67	63.8	34.0	3.41	61.6	33.0	3.75	59.5	32.1	4.15	56.7	30.8	4.64	53.7	29.4	5.20	50.4	28.0	5.85
1790	80	62	60.5	50.0	3.56	58.3	49.1	3.92	55.8	48.3	4.33	53.0	46.5	4.82	50.0	45.5	5.38	46.8	43.9	6.04
	80	67	65.5	42.4	3.56	63.0	41.1	3.89	60.6	40.2	4.30	57.7	39.0	4.79	54.6	37.8	5.34	51.2	36.2	5.98
	80	72	70.8	34.5	3.58	68.3	33.5	3.92	65.4	32.3	4.32	62.5	31.2	4.79	59.4	29.9	5.35	55.9	28.5	5.98
	75	62	60.1	42.6	3.56	58.0	41.7	3.92	55.5	40.6	4.33	52.7	39.2	4.82	49.7	37.8	5.39	46.5	36.3	6.05
	75	67	64.9	34.9	3.55	62.5	33.8	3.89	60.2	32.7	4.30	57.4	31.5	4.78	54.2	30.2	5.34	50.9	28.6	5.99
2000	80	62	61.2	51.9	3.76	58.8	51.0	4.11	56.2	49.7	4.53	53.4	48.8	5.01	50.3	47.4	5.57	47.0	45.4	6.23
	80	67	66.1	43.6	3.75	63.7	42.4	4.09	61.1	41.5	4.50	58.1	40.2	4.99	54.8	38.9	5.54	51.4	37.5	6.18
	80	72	71.6	35.2	3.77	68.7	34.0	4.11	65.7	32.8	4.52	63.1	31.7	5.00	59.8	30.5	5.55	56.2	29.1	6.18
	75	62	60.7	43.8	3.76	58.5	42.9	4.11	55.9	41.9	4.53	53.0	40.6	5.02	49.9	39.1	5.58	46.6	37.5	6.25
	75	67	65.6	35.5	3.75	63.0	34.2	4.09	60.7	33.3	4.50	57.7	32.1	4.98	54.5	30.7	5.54	51.1	29.2	6.18

Sim ID 2901 calibrated by WO3855-03



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