

R7TQ Series

6, 7 ½ and 10 Ton Packaged Gas/Electric Units

12.7 IEER Commercial System 81% Steady State Efficiency

Standard Features

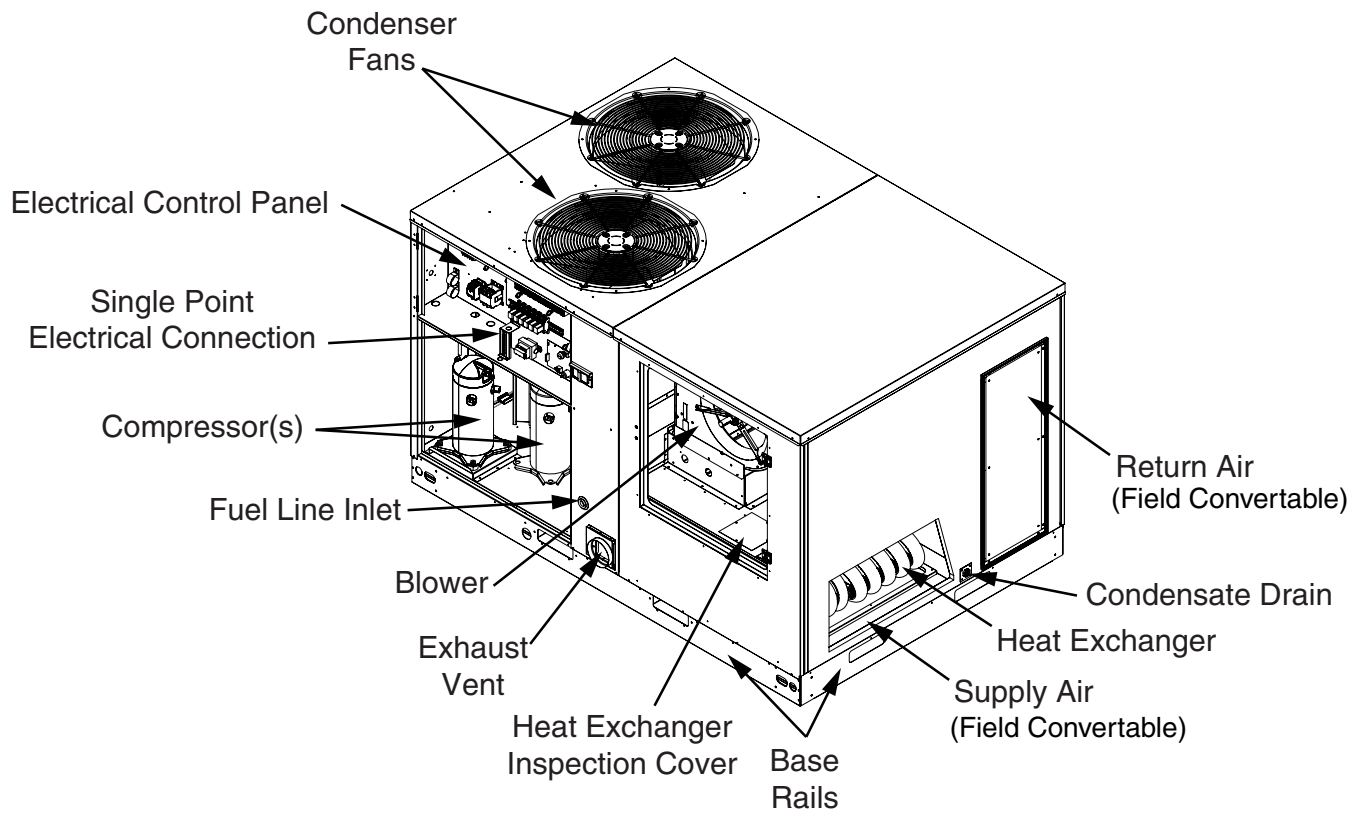
- Fits Carrier Pre-Existing Curbs
- High-Efficiency
- Micro-Channel Coils
- Foam Panel Wall Construction
- Hinged Access Doors
- Compatible Utility Connections



FEATURES and BENEFITS

- **Quality Compressor:** State of the art scroll compressor is standard equipment.
- **Features Two-Stage Heating & Cooling:** Provides high/low fire operation.
- **High Efficient Blower Motor:** Meets the requirements of NEMA 12/19/2010
- **High-Pressure Switches:** Ensure long compressor life. Featuring manual reset high pressure control.
- **For Easy Service:** Hi/low service ports allow quick access without disrupting operation.
- **Permanently Lubricated Condenser Fan Motors:** A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **90 VA Transformer:** Includes 4 Amp circuit breaker to protect the low voltage circuit.
- **Liquid Line Filter Driers:** Factory installed for convenience.
- **Crankcase Heater:** Protection from liquid flood back and future compressor failures.
- **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 side of the unit.
- **81% Steady State Efficiency:** Aluminized steel or stainless steel heat exchanger tubes are available.
- **Direct Spark Ignition Control:** With 3 amp fuse, flame sensing, and diagnostic LED
- **Removable Top Grille Assembly:** Allows ease of service to the fan motor.
- **Full Perimeter Base Rail System:** Base rails have rigging holes and do not need to be removed for curb applications. Base rails have fork truck slots on three sides.
- **Durable Finish, Attractive Cabinet:** Designed using 20 gauge galvanized steel with a polyester urethane finish. The 950 hour salt spray finish is 1.5 mil thick and resists corrosion.
- **Unit Footprint:** Fits Carrier pre-existing curbs, eliminating the cost of an adaptor curb.
- **Compatible Connections:** Gas and electrical connections align with many existing units installed today.
- **Foam Panel Wall Construction:** No exposed fiberglass insulation in air stream for increased air quality and suppressed mold growth; superior noise reduction.
- **Hinged Access Doors:** Easy access to blower, controls and filters with no leaks and no screws to lose.
- **Micro-Channel Coils:** All-aluminum for high corrosion resistance and increased heat transfer; 30% less refrigerant to reduce costs and save time.
- **High Efficiency:** 12.7 IEER meets ASHRAE Std - 90.1 - 2013 requirements.
 - * **Unit Mounted Disconnect:** Lower installation cost, correct sizing and easier unit servicing.
 - * **Convenience Outlet:** Unit mounted, field supplied circuit 110V outlet for easy unit servicing/operation.
 - * **Stainless Steel Heat Exchanger:** Resistant to oxidation and harsh environments; easy to clean.
 - * **Coated Condenser Coil:** Improved longevity and operating performance in harsh coastal environments.
- * **Optional Features**

R7TQ COMPONENT LOCATIONS

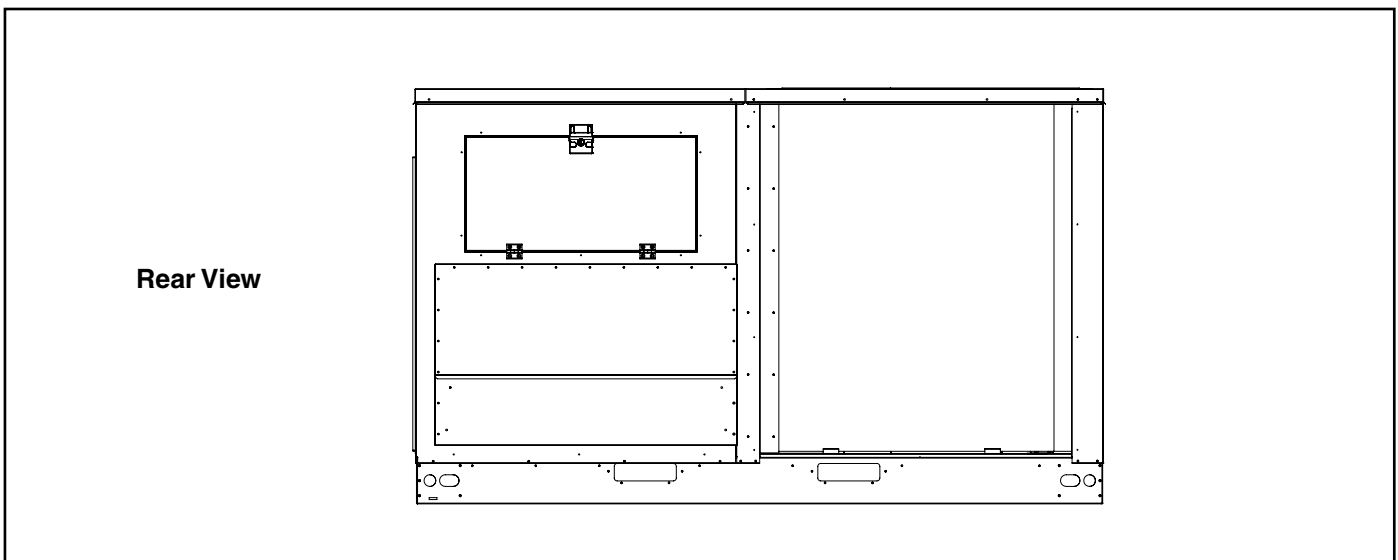
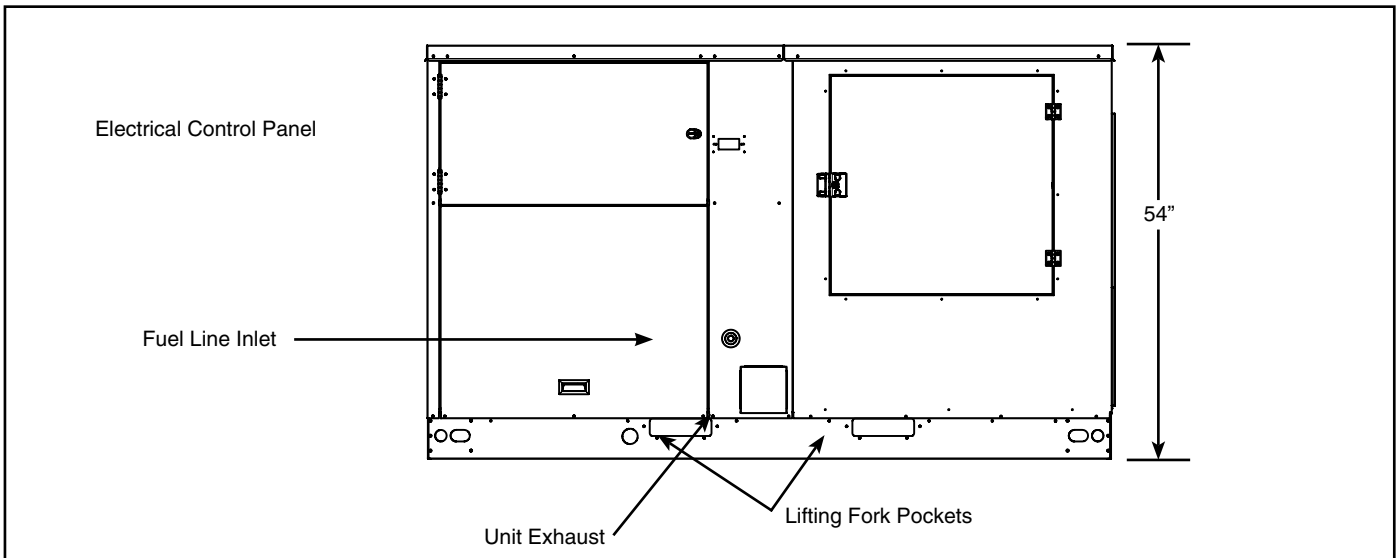
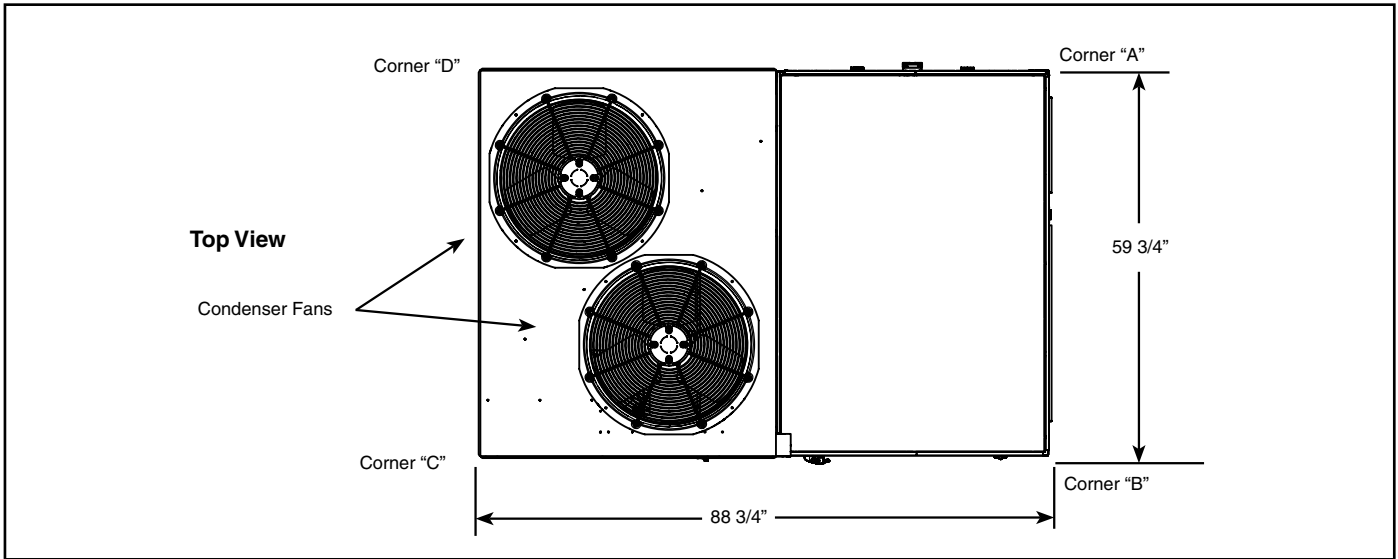


Filter Sizes & Quantities

UNIT	FACTORY FILTER SIZE	QTY
R7TQ072	20 x 20 x 2	4
R7TQ090	20 x 20 x 2	4
R7TQ120	20 x 20 x 2	4

R7TQ – PHYSICAL DATA

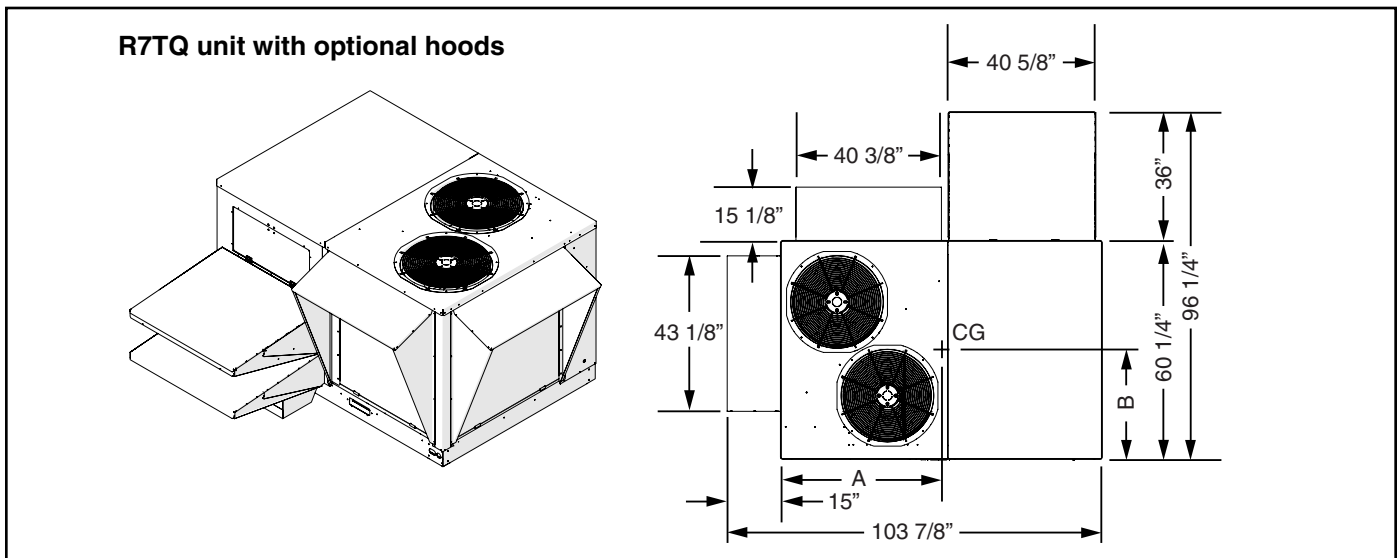
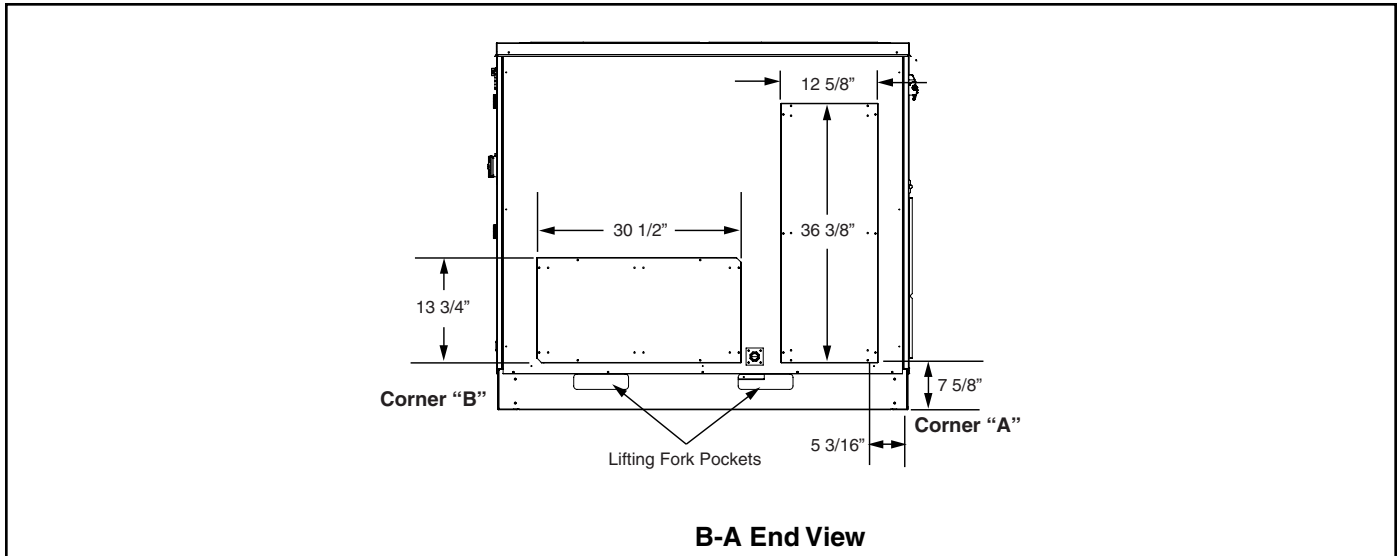
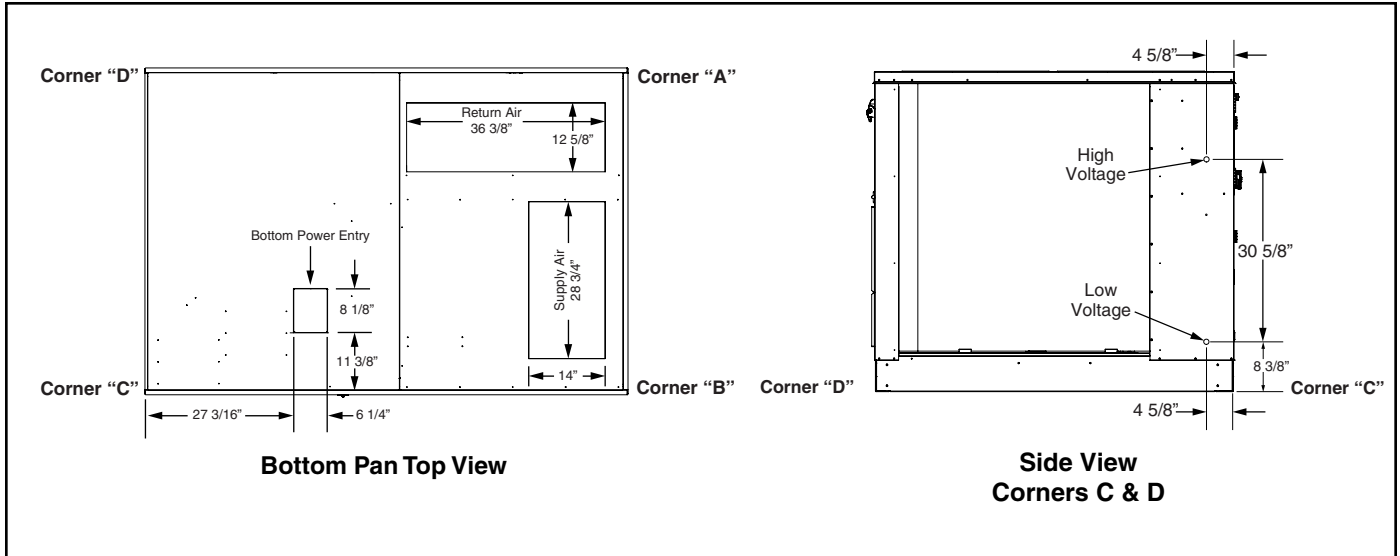
Dimensions shown in inches



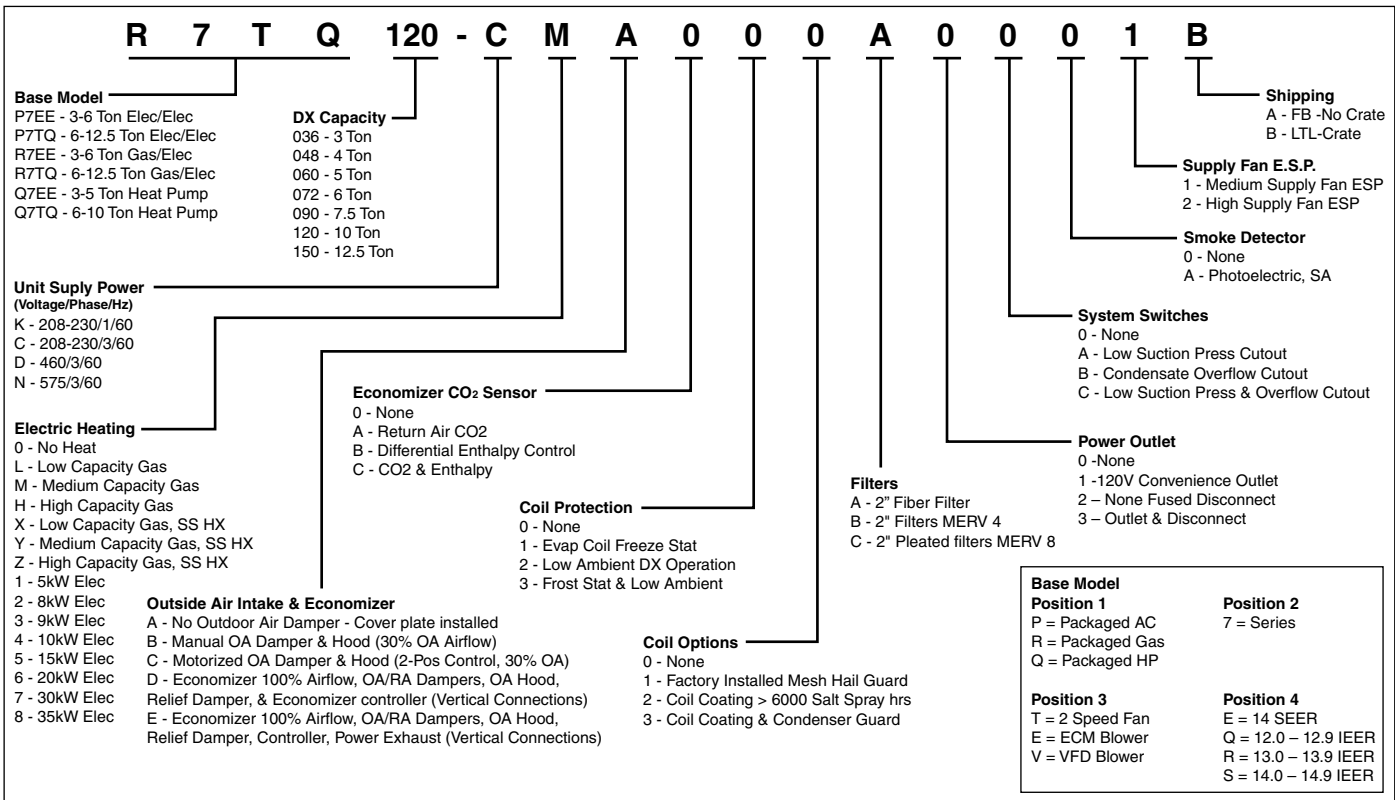
Physical Dimensions for R7TQ Units

R7TQ – PHYSICAL DATA (CONTINUED)

Dimensions shown in inches



MODEL IDENTIFICATION CODE



CENTER OF GRAVITY & UNIT SHIPPING WEIGHTS

MODEL NUMBER	UNIT WEIGHT ‡		SHIPPING WEIGHT		CENTER OF GRAVITY INCHES		CORNER WEIGHTS								UNIT HEIGHT**	
	LBS.	KG.	LBS.	KG.	A	B	A		B		C		D		HORIZONTAL DUCT APPLICATIONS	VERTICAL DUCT APPLICATIONS
							LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.		
R7TQ072	1086	493	1208	548	47.75"	23.5"	232	105	362	164	302	137	199	90	54"	48.5"
R7TQ090	1184	538	1306	593	47.75"	27"	291	132	346	157	298	135	249	113	54"	48.5"
R7TQ120	1196	543	1318	598	46.88"	25.75"	275	125	347	157	319	145	246	112	54"	48.5"

**Baserrails are not intended to be removed. Information provided is total unit height for horizontal duct applications or height dimension added to selected roof curb height for vertical duct applications.

‡ Unit weight without packaging or field installed accessories.

PHYSICAL SPECIFICATIONS DATA

Model R7TQ	072	090	120
Nominal Capacity (tons)	6	7.5	10.0
AHRI	10081793	10081794	10081795
Performance Data ^{1,2,3}			
Total Gross Cooling Capacity (Btuh)	76,300	94,725	119,625
Rated Net Cooling Capacity (Btuh)	72,000	90,000	114,000
E.E.R. - Cooling Efficiency (Btuh/Watt)	11.0	11.0	11.0
IEER - Part Load Efficiency	12.7	12.7	12.7
Rated Airflow - CFM	2,550 / 1,650	3,150 / 2,000	3,450 / 2,200
Total Sound Power (dBA) ⁴	83	84	84

REFRIGERANT CHARGE

NOMINAL TONNAGE	FACTORY CHARGE 1 ST STAGE / 2 ND STAGE
6	128 oz
7 1/2	93 oz / 94 oz
10	97 oz / 94 oz

1) Certified in accordance with AHRI Standard 340/360 at the rated airflow shown and the minimum external static duct pressure allowed by the standard. ARI Rating for units with dual voltages are shown at highest rated unit voltage.

2) E.E.R. - Energy Efficiency Ratio: The EER and Net Capacity is determined @ 95°F Outdoor DB and with air entering the evaporator at 80°F DB / 67°F WB

3) IEER - Intergrated Energy Efficiency Ratio: a measure of merit for part load performance of the unit.

4) All sound power values are referenced to 10⁻¹² W.

ELECTRICAL DATA

COOLING TONNAGE ^{2,3}	VOLTAGE ¹	2 HP MOTOR		3 HP ECM MOTOR (OPTIONAL)	
		MCA	MOP	MCA	MOP
072	208V - 230V	30.8	45	33.7	50
	460V	14.9	20	16.4	20
	575V	11.3	15		
090	208V - 230V	40.1	50	43.0	50
	460V	19.2	25	20.7	25
	575V	14.3	15		
120	208V - 230V	46.6	60	19.5	60
	460V	23.1	30	24.6	30
	575V	17.2	20		

NOTES:

- 1) To achieve the rated unit performance, unit voltage should be within 2% of nominal.
- 2) For C series units:
 Nominal Unit Input Voltage = 208-230 Volt, 60 Hertz, 3 Phase
 Minimum allowed unit voltage = 187V
 Maximum allowed voltage = 253V
- 3) For D series units:
 Nominal Unit Input Voltage = 460 Volt, 60 Hertz, 3 Phase
 Minimum allowed unit voltage = 414V
 Maximum allowed voltage = 506V

FLA = Full Load Amps; MCA = Minimum Circuit Ampacity; RLA = Rated Load Amps;
 MOP = Maximum Over-Current Protection; LRA = Locked Rotor Amps

GAS INFORMATION

Heat Rise and Range


Model	Heat Size (MBTU/H)	High Fire		Low Fire		Temp rise @ High fire	CFM
		Heating Input	Heating Output	Heating Input	Heating Output		
R7TQ072-*L	100	100,000	81,000	70,000	56,700	25-55	2550
R7TQ072-*H	166	166,000	134,460	116,200	94,122	30-60	2550
R7TQ090-*L	166	166,000	134,460	116,200	94,122	30-60	3150
R7TQ090-*M	200	200,000	162,000	140,000	113,400	30-60	3150
R7TQ090-*H	225	225,000	182,250	157,500	127,575	25-55	3150
R7TQ120-*L	166	166,000	134,460	116,200	94,122	30-60	3450
R7TQ120-*M	200	200,000	162,000	140,000	113,400	30-60	3450
R7TQ120-*H	225	225,000	182,250	157,500	127,575	25-55	3450

BLOWER PERFORMANCE DATA

3493	Factory Low Static Setting: Recommended operational point
1017	
2.07	

3862	Medium Static Setting (Optional): Recommended operational point
1159	
3.03	

<i>2946</i>	Italic font Indicates an allowable setting that is not recommended for unit operation. These operational points should be carefully examined by the installer for proper unit setup and heater operation if used.
<i>741</i>	
<i>0.85</i>	

 Indicates a setting that is not permitted for unit operation

BLOWER PERFORMANCE DATA

R7TQ072-C/D/N SERIES

2 HP, DOWNFLOW BLOWER DATA
Factory Standard & Medium Static Drive

HIGH SPEED OPERATION													
EXTERNAL UNIT STATIC (" WC)	OPERATING @ 230V, 460V, OR 575V	ADJUSTABLE MOTOR SHEAVE SETTING											
		FULLY CLOSED	1/2 TURN OPEN	1 TURN OPEN	1.5 TURN OPEN	2 TURNS OPEN*	2.5 TURNS OPEN	3 TURNS OPEN	3.5 TURNS OPEN	4 TURNS OPEN	4.5 TURNS OPEN	5 TURNS OPEN	
0.1	CFM		2874	2808	2749	2690	2608	2525	2443	2360	2303	2256	
	RPM		1026	1008	986	964	940	915	891	867	842	817	
	kW		1.69	1.65	1.51	1.37	1.30	1.23	1.16	1.09	1.04	0.99	
0.2	CFM	2840	2778	2715	2643	2570	2483	2395	2308	2220	2157	2093	
	RPM	1046	1028	1009	987	965	941	916	892	867	843	818	
	kW	1.71	1.65	1.60	1.47	1.33	1.26	1.19	1.12	1.06	1.00	0.95	
0.3	CFM	2740	2681	2623	2536	2450	2358	2265	2173	2080	2010	1930	
	RPM	1048	1029	1011	988	966	941	917	892	868	843	819	
	kW	1.68	1.62	1.55	1.42	1.28	1.22	1.15	1.09	1.02	0.97	0.91	
0.4	CFM	2635	2583	2530	2430	2330	2233	2135	2040	2410			
	RPM	1049	1031	1012	990	967	942	918	893	1018			
	kW	1.65	1.58	1.51	1.37	1.24#	1.18	1.11	1.05	1.50			
0.5	CFM	2510	2440	2370	2270	2190	2093	2485	2388	2290			
	RPM	1050	1032	1013	991	969	944	1074	1047	1019			
	kW	1.60	1.52	1.44	1.31	1.22	1.15	1.50	1.49	1.48			
0.6	CFM	2385	2298	2210	2130	2050	2490	2400	2285	2170			
	RPM	1051	1033	1014	992	970	1105	1076	1048	1020			
	kW	1.54	1.46	1.37	1.28	1.19	1.56	1.48	1.46	1.44			
0.7	CFM	2245	2155	2065	2400	2490	2383	2275					
	RPM	1053	1034	1015	1160	1137	1108	1078					
	kW	1.48	1.40	1.32	1.75	1.71	1.50	1.28					
0.8	CFM	2105	2013	2550	2460	2370	2260	2150					
	RPM	1054	1035	1185	1162	1138	1109	1079					
	kW	1.42	1.34	1.80	1.72	1.64	1.44	1.23					
0.9	CFM	1943	2540	2460	2368	2275							
	RPM	1056	1208	1187	1165	1143							
	kW	1.35	1.85	1.79	1.69	1.58							
1.0	CFM	2530	2450	2370	2275	2180							
	RPM	1231	1210	1189	1168	1147							
	kW	1.90	1.84	1.78	1.65	1.52							
1.1	CFM	2450	2345	2240	2120	2000							
	RPM	1233	1212	1191	1170	1148							
	kW	1.75	1.74	1.73	1.61	1.49							
1.2	CFM	2400	2273	2145									
	RPM	1233	1213	1192									
	kW	1.65	1.60	1.55									
LOW SPEED OPERATION - FOR REFERENCE ONLY													
Low Static	0.1	CFM		1790	1750	1709	1668	1610	1551	1495	1434	1352	1270
		RPM		684	670	655	641	625	609	592	576	554	532
		kW		0.71	0.67	0.64	0.61	0.57	0.53	0.50	0.46	0.46	0.45
	0.2	CFM	1679	1629	1579	1529	1479	1415	1350	1286	1221		
		RPM	699	685	671	656	642	626	610	593	577		
		kW	0.69	0.66	0.62	0.59	0.56	0.52	0.48	0.45	0.41		
	0.3	CFM	1425	1335	1240	1150	1057						
		RPM	701	686	672	658	644						
		kW	0.65	0.60	0.55	0.51	0.46						
Medium Static	0.2	CFM			1940	1890	1840	1760	1680				
		RPM			794	778	761	740	718				
		kW			0.82	0.77	0.71	0.67	0.62				
	0.3	CFM	1875	1833	1790	1728	1665	1585	1505				
		RPM	826	810	795	779	763	741	720				
		kW	0.78	0.75	0.72	0.68	0.64	0.62	0.61				
	0.4	CFM	1740	1690	1640	1565	1490	1410	1330				
		RPM	827	812	796	780	764	743	721				
		kW	0.74	0.68	0.61	0.59	0.56	0.58	0.59				
0.5	CFM	1590	1520	1450	1375	1300							
	RPM	828	814	799	783	766							
	kW	0.65	0.62	0.60	0.51	0.43							

NOTES:

* Denotes Recommended Sheave Setting.
 Boldface type indicates factory recommended blower operating range.
 Values include losses for 2" standard air filters, unit casing, and dry evaporator coil.
 For 208V operation deduct approximately 0.5% from CFM shown.

FACTORY STATIC DRIVE CONSISTS OF:

12" x 12" FC Blower, 2 HP / 2 Speed Motor
 1VP40 Sheave, BK70 Pulley Belt & B56 Belt

MEDIUM STATIC DRIVE (OPTIONAL) CONSISTS OF:

Same except uses BK60 Blower Pulley.

BLOWER PERFORMANCE DATA

R7TQ-072C/D/N SERIES

2 HP, 2 SPEED, HORIZONTAL BLOWER DATA
Factory Standard & Medium Static Drive

HIGH SPEED OPERATION												
EXTERNAL UNIT STATIC (IN WC)	OPERATING @ 230V, 460V, OR 575V	ADJUSTABLE MOTOR SHEAVE SETTING										
		FULLY CLOSED	1 TURN OPEN	1.5 TURNS OPEN	2 TURNS OPEN	2.5 TURNS OPEN	3 TURNS OPEN	3.5 TURNS OPEN	4 TURNS OPEN	4.5 TURNS OPEN*	5 TURNS OPEN	
0.1	CFM											2900
	RPM											746
	kW											0.86
0.2	CFM									2960	2830	2700
	RPM									793	770	746
	kW									0.91	0.89	0.87
0.3	CFM								2903	2790	2655	2520
	RPM								818	793	770	747
	kW								0.88	0.89	0.87	0.85
0.4	CFM					2963	2840	2705	2570	2425	2280	
	RPM					865	843	819	795	771	748	
	kW					0.89	0.89	0.90	0.91	0.89	0.87	
0.5	CFM				2920	2785	2650	2500	2350	2175	2040	1905
	RPM				888	867	845	821	796	773	750	727
	kW				0.87	0.88	0.89	0.92	0.94	0.90	0.87	0.84
0.6	CFM		2945	2828	2710	2555	2400	2230	2065	1900	1735	1570
	RPM		927	908	889	868	846	822	799	776	753	730
	kW		0.89	0.87	0.86	0.88	0.90	0.91	0.84	0.85	0.85	0.87
0.7	CFM	2930	2760	2610	2460	2295	2130	1965	1800	1635	1470	1305
	RPM	958	928	909.5	891	869.5	848	826	805	784	763	742
	kW	0.92	0.90	0.88	0.86	0.86	0.86	0.85	0.85	0.84	0.84	0.87
0.8	CFM	2710	2515	2358	2200	2035	1870	1705	1540	1375	1210	1045
	RPM	960	931	912	893	871	850	829	808	787	766	745
	kW	0.92	0.89	0.88	0.88	0.86	0.85	0.85	0.85	0.85	0.85	0.86
0.9	CFM	2490	2270	2070	1870	1670	1470	1270	1070	870	670	470
	RPM	962	933	914	892	870	848	826	804	782	760	738
	kW	0.92	0.89	0.88	0.86	0.85	0.85	0.85	0.85	0.85	0.85	0.85
1.0	CFM	2220	2035	1868	1700	1535	1370	1205	1040	875	710	545
	RPM	966	923	903	884	865	846	827	808	789	770	751
	kW	0.91	0.86	0.87	0.87	0.86	0.86	0.84	0.84	0.84	0.84	0.84
1.1	CFM	2850	2500	2333	2165	1995	1825	1655	1485	1315	1145	975
	RPM	1065	1024	1005	986	967	948	929	910	891	872	853
	kW	0.92	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
LOW SPEED OPERATION (FOR REFERENCE ONLY)												
Low Static	0.1	CFM	2380	2270	2210	2150	2075	2000	1930	1860	1780	1700
		RPM	639	619	607	594	579	564	547	530	516	501
		kW	0.69	0.71	0.72	0.73	0.73	0.73	0.73	0.74	0.73	0.73
	0.2	CFM	2170	2050	1978	1905	1823	1740	1640	1540	1433	1325
		RPM	640	621	608	595	581	566	549	531	516	501
		kW	0.70	0.72	0.72	0.73	0.73	0.73	0.73	0.74	0.73	0.73
	0.3	CFM	1900	1760	1668	1575	1478	1380	1225	1070		
		RPM	642	624	610	596	582	567	550	533		
		kW	0.71	0.72	0.73	0.73	0.74	0.75	0.75	0.75		
Medium Static	0.2	CFM	2540	2412	2326	2240	2145	2050	1960	1870	1765	1660
		RPM	706	683	670	656	639	621	605	589	571	552
		kW	0.72	0.73	0.73	0.72	0.71	0.70	0.70	0.71	0.71	0.71
	0.3	CFM	2330	2186	2078	1970	1870	1770	1665	1560	1415	1270
		RPM	710	687	672	657	640	622	606	590	572	553
		kW	0.72	0.72	0.72	0.72	0.71	0.70	0.71	0.72	0.72	0.71
	0.4	CFM	2080	1890	1775	1660	1525	1390	1280	1170		
		RPM	711	688	674	659	641	622	607	591		
		kW	0.72	0.72	0.72	0.72	0.72	0.71	0.72	0.73		
0.5	CFM	1770	1560									
	RPM	716	689									
	kW	0.73	0.72									

NOTES:

* Denotes Recommended Sheave Setting.

Values include losses for 2" standard air filters, unit casing, and dry evaporator coil.
For 208V operation deduct approximately 0.5% from CFM shown.

FACTORY STATIC DRIVE CONSISTS OF:

12" x 12" FC Blower, 2 HP / 2 Speed Motor
1VP40 Sheave, BK70 Pulley, and B56 Belt.

MEDIUM STATIC DRIVE (OPTIONAL) CONSISTS OF:

Same except uses BK77 Blower Pulley.

R7TQ-090C/D/N SERIES

2 HP, 2 SPEED, DOWNFLOW BLOWER DATA

Factory Standard Static Drive

HIGH SPEED OPERATION												
EXTERNAL UNIT STATIC (IN WC)	OPERATING @ 230V, 460V OR 575V	ADJUSTABLE MOTOR SHEAVE SETTING										
		FULLY CLOSED	1/2 TURN OPEN	1 TURN OPEN	1.5 TURNS OPEN	2 TURNS OPEN	2.5 TURNS OPEN	3 TURNS OPEN*	3.5 TURNS OPEN	4 TURN OPEN	4.5 TURNS OPEN	5 TURNS OPEN
0.1	CFM							3505	3368	3230	3148	3065
	RPM							827	806	784	762	739
	kW							1.66	1.51	1.36	1.31	1.27
0.2	CFM						3460	3346	3238	3130	3024	2917
	RPM						850	828	807	785	763	740
	kW						2.00	1.63	1.46	1.30	1.20	1.11
0.3	CFM				3425	3320	3214	3088	2963		2850	2745
	RPM				873	851	829	808	786		764	742
	kW				1.81	1.69	1.57	1.42	1.27		1.17	1.08
0.4	CFM			3480	3375	3270	3176	3081	2938	2795		
	RPM			911	893	874	852	830	809	787		
	kW			2.03	1.89	1.76	1.63	1.50	1.37	1.24		
0.5	CFM			3338	3228	3118	2964	2810				
	RPM			913	894	875	854	832				
	kW			1.95	1.81	1.68	1.54	1.40				
0.6	CFM		3280	3195	3080	2965	2750					
	RPM		931.5	914	895	876	855					
	kW		1.98	1.86	1.73	1.60	1.45					
0.7	CFM	3200	3075	2950	2780							
	RPM	951	934	917	899							
	kW	1.99	1.87	1.75	1.57							
0.8	CFM	3035	2870	2705								
	RPM	952	935.5	919								
	kW	1.88	1.75	1.63								
0.9	CFM											
	RPM											
	kW											
LOW SPEED OPERATION (FOR REFERENCE ONLY)												
0.1	CFM	2530	2470	2410	2355	2300	2220	2140	2061	1982	1664	1345
	RPM	628	617	606	594	582	567	552	536	520	506	491
	kW	0.90	0.85	0.80	0.77	0.73	0.67	0.60	0.58	0.57	0.52	0.48
0.2	CFM	2340	2280	2220	2138	2055	1973	1890	1745	1600		
	RPM	629	618	607	595	583	568	553	537	521		
	kW	0.73	0.75	0.78	0.71	0.65	0.61	0.57	0.56	0.56		
0.3	CFM	2025	1998	1970	1795	1620						
	RPM	631	620	609	596	584						
	kW	0.73	0.72	0.72	0.66	0.61						
0.4	CFM	1710	1715	1720								
	RPM	632	621	610								
	kW	0.73	0.70	0.66								

NOTES:

* Denotes Recommended Sheave Setting.
 Boldface type indicates factory recommended blower operating range.
 Values include losses for 2" standard air filters, unit casing, and dry evaporator coil.
 For 208V operation deduct approximately 0.5% from CFM shown.

FACTORY STATIC DRIVE CONSISTS OF:

15" x 15" FC Blower
 2 HP / 2 Speed Motor 1 1VP40 Sheave
 BK77 Pulley and B56 Belt.

BLOWER PERFORMANCE DATA

R7TQ-090C/D/N SERIES

2 HP / 2 SPEED, HORIZONTAL BLOWER DATA
DRIVE CHANGE REQUIRED, SEE NOTE

HIGH SPEED OPERATION													
EXTERNAL UNIT STATIC (IN WC)	OPERATING @ 230V, 460V OR 575V	ADJUSTABLE MOTOR SHEAVE SETTING											
		FULLY CLOSED	1 TURN OPEN	1.5 TURNS OPEN	2 TURNS OPEN	2.5 TURNS OPEN	3 TURNS OPEN	3.5 TURNS OPEN	4 TURNS OPEN	4.5 TURNS OPEN	5 TURNS OPEN*	5.5 TURNS OPEN	
0.1	CFM										3775	3640	3500
	RPM										686	665	648
	kW										1.44	1.38	1.18
0.2	CFM								3880	3730	3595	3460	3260
	RPM								728	707	687	666	648
	kW								1.52	1.43	1.37	1.32	1.11
0.3	CFM							3830	3685	3540	3365	3190	3020
	RPM							752	730	707	688	668	649
	kW							1.53	1.44	1.34	1.29	1.24	1.04
0.4	CFM				3890	3758	3625	3448	3270	3095	2920	2690	
	RPM				790	772	754	732	709	689	668	650	
	kW				1.75	1.61	1.46	1.37	1.27	1.19	1.11	0.96	
0.5	CFM			3820	3680	3530	3380	3170	2960	2590			
	RPM			809	793	774	755	733	711	691			
	kW			1.81	1.67	1.52	1.37	1.27	1.17	1.08			
0.6	CFM		3780	3610	3440	3255	3070						
	RPM		826	810	793	774	755						
	kW		1.87	1.71	1.56	1.40	1.25						
0.7	CFM		3480	3225	2970	2650							
	RPM		828	811	794	779							
	kW		1.75	1.57	1.40	1.22							
0.8	CFM		2900	2640									
	RPM		833	816									
	kW		1.48	1.34									
0.9	CFM		2440										
	RPM		834										
	kW		1.33										
1.0	CFM												
	RPM												
	kW												
LOW SPEED OPERATION (FOR REFERENCE ONLY)													
0.1	CFM		2900	2810	2720	2630	2540	2455	2370	2250	2130	2020	
	RPM		558	545	532	518	504	493	481	465	449	437	
	kW		0.77	0.74	0.71	0.66	0.61	0.57	0.52	0.52	0.51	0.47	
0.2	CFM		2620	2515	2410	2300	2190	2080	1970	1730	1490	1385	
	RPM		559	546	533	520	507	495	482	467	452	438	
	kW		0.71	0.68	0.65	0.60	0.55	0.56	0.57	0.50	0.43	0.40	
0.3	CFM		2250	2020	1790	1653	1515	1398	1280	1145	1010	900	
	RPM		563	550	536	524	511	498	484	468	452	438	
	kW		0.63	0.59	0.54	0.50	0.46	0.42	0.39	0.39	0.39	0.36	
0.4	CFM		1570	1460	1350	1230	1110	930	750				
	RPM		565	552	538	525	512	499	485				
	kW		0.53	0.51	0.49	0.45	0.41	0.38	0.35				

NOTES:

* Denotes Recommended Sheave Setting.
 Boldface type indicates factory recommended blower operating range.
 Values include losses for 2" standard air filters, unit casing, and dry evaporator coil.
 For 208V operation deduct approximately 0.5% from CFM shown.

FACTORY STATIC DRIVE CONSISTS OF:

15" x 15" FC Blower
 2 HP / 2 Speed Motor, 1VP40 Sheave
 BK70 Pulley and B56 Belt

BLOWER PERFORMANCE DATA

R7TQ-120C/D/N SERIES

2 HP, 2 SPEED, DOWNFLOW BLOWER DATA

Factory Standard Static Drive:

HIGH SPEED OPERATION										
EXTERNAL UNIT STATIC (IN WC)	OPERATING @ 230V, 460V, OR 575V	ADJUSTABLE MOTOR SHEAVE SETTING								
		1 TURN OPEN	1.5 TURNS OPEN	2 TURNS OPEN	2.5 TURNS OPEN	3 TURNS OPEN	3.5 TURNS OPEN*	4 TURNS OPEN	4.5 TURNS OPEN	5 TURNS OPEN
0.1	CFM						3755	3620	3505	3390
	RPM						871	849	826	802
	kW						2.05	1.86	1.73	1.59
0.2	CFM						3625	3520	3395	3270
	RPM						871	849	826	803
	kW						1.90	1.74	1.63	1.52
0.3	CFM						3480	3355	3275	3195
	RPM						873	851	827	804
	kW						1.88	1.71	1.60	1.49
0.4	CFM					3480	3335	3190	3155	3120
	RPM					897	875	852	829	805
	kW					2.02	1.85	1.68	1.57	1.46
0.5	CFM				3455	3295	3165	3035	2885	2735
	RPM				922	899	876	854	831	808
	kW				2.08	1.92	1.75	1.58	1.44	1.30
0.6	CFM				3270	3110	3000	2880		
	RPM				924	900	878	855		
	kW				1.98	1.83	1.65	1.48		
0.7	CFM			3160	3015	2865				
	RPM			950	926	902				
	kW			2.03	1.87	1.71				
0.8	CFM			2890	2754					
	RPM			952	928					
	kW			1.924	1.76					
0.9	CFM									
	RPM									
	kW									

LOW SPEED OPERATION - FOR REFERENCE ONLY										
EXTERNAL UNIT STATIC (IN WC)	OPERATING @ 230V, 460V, OR 575V	ADJUSTABLE MOTOR SHEAVE SETTING								
		1 TURN OPEN	1.5 TURNS OPEN	2 TURNS OPEN	2.5 TURNS OPEN	3 TURNS OPEN	3.5 TURNS OPEN †	4 TURNS OPEN	4.5 TURNS OPEN	5 TURNS OPEN
0.1	CFM			2560	2475	2390	2310	2230	2157	2083
	RPM			627	612	596	582	568	551	533
	kW			0.95	0.88	0.82	0.76	0.70	2.05	3.40
0.2	CFM			2350	2275	2200	2110	2020	1918	1815
	RPM			628	613	598	584	569	552	534
	kW			0.94	0.86	0.77	0.71	0.66	2.03	3.40
0.3	CFM			2033	1909	1785	1688	1590		
	RPM			630	614	599	585	570		
	kW			0.85	0.78	0.71	0.67	0.63		
0.4	CFM			1715						
	RPM			631						
	kW			0.75						

NOTES:

* Denotes Recommended Sheave Setting.
 Boldface type indicates factory recommended blower operating range.
 Values include losses for 2" standard air filters, unit casing, and dry evaporator coil.
 For 208V operation deduct approximately 0.5% from CFM shown.

FACTORY STATIC DRIVE CONSISTS OF:

15" x 15" FC Blower
 2 HP / 2 Speed Motor, 1VP40 Sheave
 BK70 Pulley and B56 Belt

BLOWER PERFORMANCE DATA

R7TQ-120C/D/N SERIES

2 HP, 2 SPEED, HORIZONTAL BLOWER DATA
DRIVE CHANGE REQUIRED, SEE NOTE

HIGH SPEED OPERATION												
EXTERNAL UNIT STATIC (IN WC)	OPERATING @ 230V, 460V, OR 575V	ADJUSTABLE MOTOR SHEAVE SETTING										
		FULLY CLOSED	1 TURN OPEN	1.5 TURNS OPEN	2 TURNS OPEN	2.5 TURNS OPEN	3 TURNS OPEN	3.5 TURNS OPEN	4 TURNS OPEN*	4.5 TURNS OPEN	5 TURNS OPEN	5.5 TURNS OPEN
0.1	CFM									3775	3640	3500
	RPM									686	665	648
	kW									1.44	1.38	1.18
0.2	CFM						4030	3880	3730	3595	3460	3260
	RPM						749	728	707	687	666	648
	kW						1.62	1.52	1.43	1.37	1.32	1.11
0.3	CFM				4080	3955	3830	3685	3540	3365	3190	3020
	RPM				788	770	752	730	707	688	668	649
	kW				1.84	1.69	1.53	1.44	1.34	1.29	1.24	1.04
0.4	CFM		4140	4015	3890	3758	3625	3448	3270	3095	2920	2690
	RPM		823	807	790	772	754	732	709	689	668	650
	kW		2.04	1.90	1.75	1.61	1.46	1.37	1.27	1.19	1.11	0.96
0.5	CFM		3960	3820	3680	3530	3380	3170	2960	2590		
	RPM		824	809	793	774	755	733	711	691		
	kW		1.95	1.81	1.67	1.52	1.37	1.27	1.17	1.08		
0.6	CFM		3780	3610	3440	3255	3070					
	RPM		826	810	793	774	755					
	kW		1.87	1.71	1.56	1.40	1.25					
0.7	CFM		3480	3225	2970	2650						
	RPM		828	811	794	779						
	kW		1.75	1.57	1.40	1.22						
0.8	CFM		2900	2640								
	RPM		833	816								
	kW		1.48	1.34								
0.9	CFM		2440									
	RPM		834									
	kW		1.33									
1.0	CFM											
	RPM											
	kW											

LOW SPEED OPERATION - FOR REFERENCE ONLY												
EXTERNAL UNIT STATIC (IN WC)	OPERATING @ 230V, 460V, OR 575V	ADJUSTABLE MOTOR SHEAVE SETTING										
		FULLY CLOSED	1 TURN OPEN	1.5 TURNS OPEN	2 TURNS OPEN	2.5 TURNS OPEN	3 TURNS OPEN	3.5 TURNS OPEN	4 TURNS OPEN †	4.5 TURNS OPEN	5 TURNS OPEN	5.5 TURNS OPEN
0.1	CFM		2900	2810	2720	2630	2540	2455	2370	2250	2130	2020
	RPM		558	545	532	518	504	493	481	465	449	437
	kW		0.77	0.74	0.71	0.66	0.61	0.57	0.52	0.52	0.51	0.47
0.2	CFM		2620	2515	2410	2300	2190	2080	1970	1730	1490	1385
	RPM		559	546	533	520	507	495	482	467	452	438
	kW		0.71	0.68	0.65	0.60	0.55	0.56	0.57	0.50	0.43	0.40
0.3	CFM		2250	2020	1790	1653	1515	1398	1280	1145	1010	900
	RPM		563	550	536	524	511	498	484	468	452	438
	kW		0.63	0.59	0.54	0.50	0.46	0.42	0.39	0.39	0.39	0.36
0.4	CFM		1570	1460	1350	1230	1110	930	750			
	RPM		565	552	538	525	512	499	485			
	kW		0.53	0.51	0.49	0.45	0.41	0.38	0.35			

NOTES:

* Denotes Recommended Sheave Setting.
 Boldface type indicates factory recommended blower operating range.
 Values include losses for 2" standard air filters, unit casing, and dry evaporator coil.
 For 208V operation deduct approximately 0.5% from CFM shown.

FACTORY STATIC DRIVE CONSISTS OF:

15" x 15" FC Blower
 2 HP / 2 Speed Motor, 1VP40 Sheave
 BK70 Pulley and B56 Belt

EXPANDED RATINGS - COOLING OPERATION

R7TQ-072 (C/D/N) (Two-Stage Compressor-High Speed / High Speed Blower Operation)

O.D.T			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.
2400	75	62	71.4	55.8	5.45	65.8	53.1	6.02	60.2	50.4	6.60	54.6	47.7	7.17
		67	77.6	44.0	5.56	72.0	41.3	6.14	66.4	38.6	6.71	60.7	35.9	7.29
		72	84.8	31.5	5.82	79.2	28.8	6.40	73.6	26.1	6.97	68.0	23.4	7.55
	80	62	70.7	64.7	5.41	64.6	62.4	5.91	58.5	58.5	6.41	52.3	52.3	6.91
		67	76.9	52.9	5.53	70.8	50.6	6.03	64.7	48.3	6.53	58.5	46.0	7.02
		72	84.1	40.4	5.79	78.0	38.1	6.29	71.9	35.8	6.79	65.7	33.5	7.29
2550	75	62	70.2	54.4	5.49	64.6	51.8	6.10	58.9	49	6.70	53.2	46.7	7.31
		67	76.4	42.6	5.61	70.7	40.1	6.21	65.1	37.5	6.82	59.4	34.9	7.42
		72	83.6	30.1	5.87	78.0	27.5	6.48	72.3	24.9	7.08	66.6	22.3	7.68
	80	62	71.3	67.6	5.31	65.1	65.1	5.83	58.9	58.9	6.36	52.7	52.7	6.89
		67	77.5	55.8	5.61	71.5	53.6	6.25	65.1	51.4	6.60	58.9	49.2	7.10
		72	84.7	43.2	5.68	78.5	41.1	6.21	72.3	38.9	6.74	66.1	36.7	7.27
2700	75	62	71.4	53.6	5.88	65.7	51.1	6.52	60.0	48.6	7.15	54.3	46.1	7.78
		67	77.6	41.8	6.00	71.9	39.3	6.63	66.2	36.8	7.26	60.4	34.3	7.90
		72	84.8	29.3	6.26	79.1	26.8	6.89	73.4	24.3	7.53	67.7	21.8	8.16
	80	62	74.2	70.9	5.54	67.9	67.9	6.10	61.7	61.7	6.65	55.4	55.4	7.21
		67	80.4	59.1	5.65	74.1	57.0	6.31	67.9	54.9	6.87	61.6	52.9	7.32
		72	87.6	46.6	5.92	81.3	44.5	6.47	75.1	42.4	7.03	68.8	40.4	7.59

R7TQ-072 (C/D/N) (Two-Stage Compressor-Low Speed / Low Speed Blower Operation)

O.D.T			55°F			65°F			75°F			85°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.
1550	75	62	64.8	41.9	2.93	60.9	43.3	3.18	56.4	42.7	3.45	51.3	40.2	3.75
		67	68.7	31.8	2.84	64.8	33.3	3.09	60.4	32.7	3.37	55.3	30.1	3.67
		72	71.9	23.5	2.90	68.0	24.9	3.14	63.5	24.3	3.42	58.4	21.7	3.72
	80	62	62.3	49.7	2.68	58.9	50.9	3.04	54.8	50.1	3.44	50.2	47.3	3.86
		67	66.3	39.7	2.59	62.9	40.9	2.96	58.8	40.1	3.35	54.2	37.3	3.77
		72	69.4	31.3	2.64	66.0	32.5	3.01	61.9	31.7	3.40	57.3	28.9	3.82
1650	75	62	63.8	44.6	3.07	60.0	46.1	3.26	55.5	45.6	3.48	50.5	43.1	3.73
		67	67.8	34.6	2.98	63.9	36.0	3.18	59.5	35.5	3.39	54.5	33.0	3.64
		72	70.9	26.2	3.03	67.1	27.7	3.23	62.6	27.2	3.45	57.6	24.7	3.69
	80	62	61.3	52.5	2.82	58.0	53.7	3.13	54.0	53.0	3.47	49.4	49.4	3.83
		67	65.3	42.4	2.73	61.9	43.7	3.04	58.0	42.9	3.38	53.4	40.2	3.74
		72	68.4	34.0	2.78	65.1	35.3	3.09	61.1	34.6	3.43	56.5	31.8	3.80
1750	75	62	67.8	45.2	3.21	64.1	46.7	3.35	59.8	46.3	3.52	54.8	43.9	3.71
		67	71.8	35.1	3.13	68.1	36.7	3.26	63.7	36.3	3.43	58.8	33.8	3.62
		72	74.9	26.7	3.18	71.2	28.3	3.31	66.9	27.9	3.48	61.9	25.5	3.67
	80	62	65.4	53.0	2.96	62.1	54.4	3.22	58.2	53.7	3.50	53.7	51.1	3.81
		67	69.4	43.0	2.87	66.1	44.3	3.13	62.2	43.7	3.41	57.7	41.0	3.72
		72	72.5	34.6	2.92	69.2	35.9	3.18	65.3	35.3	3.46	60.8	32.6	3.78

R7TQ-090 (C/D/N) (Two Compressor / High Speed Blower Operation)

O.D.T			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.
2950	75	62	90.6	67.8	7.41	81.1	63.1	8.18	73.6	58.9	9.07	67.9	55.2	10.10
		67	96.7	51.8	7.20	87.3	47.2	7.97	79.7	43.0	8.86	74.1	39.3	9.86
		72	108.0	36.3	7.27	98.7	31.6	8.04	91.2	27.4	8.93	85.5	23.7	9.93
	80	62	92.1	83.7	7.59	81.6	79.2	8.28	73.0	73.0	9.09	66.2	66.2	10.00
		67	98.3	67.8	7.38	87.8	63.2	8.07	79.1	59.2	8.88	72.4	55.6	9.79
		72	110.0	52.2	7.45	99.2	47.7	8.14	90.6	43.6	8.94	83.8	40.1	9.86
3150	75	62	90.9	72.2	7.65	81.1	67.4	8.40	73.2	63.0	9.26	67.1	59.1	10.20
		67	97.0	56.2	7.44	87.2	51.4	8.19	79.3	47.0	9.05	73.3	43.2	10.00
		72	108.0	40.7	7.50	98.7	35.9	8.25	90.8	31.5	9.12	84.7	27.6	10.10
	80	62	95.3	86.7	7.75	84.4	82.0	8.42	75.4	75.4	9.20	68.3	68.3	10.10
		67	101.0	70.7	7.54	90.4	66.0	8.20	81.6	61.7	8.99	74.5	58.0	9.88
		72	113.0	55.2	7.61	102.0	50.4	8.28	93.0	46.2	9.06	85.9	42.5	9.95
3350	75	62	88.3	76.0	7.77	78.2	71.0	8.50	69.9	66.5	9.34	63.5	62.4	10.30
		67	94.5	60.1	7.56	84.3	55.0	8.29	76.1	50.5	9.13	69.7	46.4	10.10
		72	106.0	44.5	7.63	95.8	39.5	8.36	87.5	35.0	9.20	81.1	30.9	10.10
	80	62	95.7	89.0	7.81	84.4	84.1	8.45	75.1	75.1	9.21	67.6	67.6	10.10
		67	102.0	73.0	7.60	90.6	68.1	8.24	81.2	63.7	9.00	73.7	59.8	9.87
		72	113.0	57.5	7.67	102.0	52.6	8.31	92.7	48.2	9.07	85.2	44.3	9.94

- 1) T.C. = Total (Net) Cooling Capacity, S.C. = Sensible Cooling Capacity, kW = Kilowatts
- 2) Expanded Ratings are based on 230 Volt - 60 Hz operation
- 3) Expanded Ratings are based on Factory Standard Blower Drive
- 4) Bolded Values indicate ARI rating point
- 5) Energy Efficiency Ratio (EER) = T.C. / kW

EXPANDED RATINGS - COOLING OPERATION

R7TQ-090 (C/D/N) (One Compressor / Low Speed Blower Operation)

O.D.T			55°F			65°F			75°F			85°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.
1800	75	62	49.6	31.1	3.04	50.3	32.2	3.33	47.2	31.0	3.60	40.3	27.8	3.86
		67	50.3	23.6	3.15	51.1	24.6	3.44	48.0	23.5	3.71	41.1	20.2	3.97
		72	54.0	18.1	3.12	54.7	19.1	3.41	51.6	18.0	3.68	44.8	14.7	3.94
	80	62	47.6	35.2	3.10	49.4	36.4	3.35	47.3	35.6	3.59	41.4	32.5	3.81
		67	48.9	28.0	3.21	50.6	29.2	3.46	48.5	28.4	3.70	42.7	25.4	3.92
		72	53.0	22.8	3.18	54.7	24.1	3.43	52.7	23.2	3.67	46.8	20.2	3.90
1900	75	62	52.2	32.7	3.02	52.5	33.5	3.32	48.9	32.1	3.60	41.6	28.7	3.87
		67	53.0	25.1	3.13	53.2	25.9	3.43	49.7	24.6	3.71	42.3	21.1	3.98
		72	56.7	19.6	3.11	56.9	20.4	3.40	53.4	19.1	3.68	46.0	15.6	3.95
	80	62	50.3	36.7	3.09	51.6	37.8	3.34	49.0	36.7	3.59	42.7	33.4	3.82
		67	51.5	29.5	3.20	52.8	30.6	3.45	50.2	29.5	3.70	43.9	26.2	3.93
		72	55.7	24.3	3.17	56.9	25.4	3.43	54.4	24.3	3.67	48.0	21.1	3.90
2000	75	62	53.7	34.0	3.04	53.5	34.6	3.34	49.4	33.0	3.63	41.6	29.3	3.90
		67	54.4	26.4	3.15	54.2	27.0	3.45	50.2	25.5	3.74	42.3	21.8	4.01
		72	58.1	20.9	3.12	57.9	21.5	3.43	53.8	19.9	3.71	46.0	16.2	3.99
	80	62	51.8	38.0	3.10	52.5	38.8	3.37	49.5	37.5	3.62	42.7	34.1	3.86
		67	53.0	30.8	3.21	53.8	31.6	3.48	50.7	30.3	3.73	43.9	26.9	3.97
		72	57.1	25.6	3.19	57.9	26.5	3.45	54.9	25.2	3.70	48.0	21.7	3.94

R7TQ-120 (C/D/N) (Two Compressor / High Speed Blower Operation)

O.D.T			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.
3250	75	62	109.0	76.9	9.31	99.6	72.6	10.40	90.6	68.3	11.70	81.7	64.0	12.90
		67	121.0	62.4	9.36	112.0	58.0	10.40	103.0	53.7	11.70	94.5	49.4	12.90
		72	134.0	43.7	9.46	125.0	39.4	10.60	116.0	35.1	11.80	107.0	30.8	13.00
	80	62	107.0	91.8	9.32	99.3	87.8	10.40	91.2	83.7	11.70	83.2	79.6	12.90
		67	120.0	77.3	9.36	112.0	73.2	10.40	104.0	69.2	11.70	96.0	65.1	12.90
		72	133.0	58.6	9.46	125.0	54.6	10.60	117.0	50.5	11.80	109.0	46.4	13.00
3450	75	62	111.0	80.5	9.39	102.0	75.6	10.40	92.1	70.7	11.70	82.5	65.8	12.90
		67	124.0	66.0	9.44	115.0	61.1	10.60	105.0	56.2	11.80	95.3	51.2	12.90
		72	137.0	47.4	9.53	127.0	42.4	10.70	118.0	37.5	11.90	108.0	32.6	13.00
	80	62	110.0	95.5	9.39	101.0	90.8	10.40	92.7	86.1	11.70	84.0	81.4	12.90
		67	123.0	81.0	9.44	114.2	76.3	10.40	105.0	71.6	11.90	96.8	66.9	12.90
		72	136.0	62.3	9.53	127.0	57.6	10.70	118.0	52.9	11.90	110.0	48.2	13.00
3650	75	62	110.0	80.1	9.83	99.8	74.5	11.00	89.5	69.0	12.10	79.3	63.5	13.20
		67	123.0	65.6	9.88	113.0	60.0	11.00	102.0	54.5	12.20	92.1	48.9	13.30
		72	136.0	46.9	9.98	126.0	41.4	11.10	115.0	35.8	12.30	105.0	30.3	13.40
	80	62	109.0	95.0	9.83	99.4	89.7	11.00	90.1	84.4	12.10	80.9	79.1	13.20
		67	122.0	80.5	9.88	112.0	75.2	11.00	103.0	69.9	12.20	93.7	64.6	13.30
		72	134.0	61.8	9.98	125.0	56.5	11.10	116.0	51.2	12.30	107.0	45.9	13.40

R7TQ-120 (C/D/N) (One Compressor / Low Speed Blower Operation)

O.D.T			55°F			65°F			75°F			85°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.
2100	75	62	59.7	37.4	3.77	55.7	35.5	4.17	51.6	33.6	4.56	47.6	31.6	4.96
		67	65.4	31.2	3.83	61.4	29.3	4.22	57.3	27.4	4.62	53.3	25.4	5.02
		72	71.6	25.4	3.83	67.6	23.5	4.23	63.5	21.6	4.63	59.5	19.7	5.02
	80	62	60.4	43.9	3.64	56.6	41.3	4.08	52.8	38.6	4.52	49.1	36.0	4.95
		67	66.1	37.7	3.70	62.3	35.1	4.13	58.5	32.4	4.57	54.8	29.7	5.01
		72	72.3	32.0	3.70	68.5	29.3	4.14	64.7	26.6	4.58	61.0	24.0	5.02
2200	75	62	60.9	38.4	4.01	56.2	36.5	4.37	51.5	34.5	4.74	46.8	32.6	5.10
		67	66.6	32.2	4.07	61.9	30.2	4.43	57.2	28.3	4.80	52.5	26.4	5.16
		72	72.8	26.4	4.07	68.1	24.5	4.44	63.4	22.5	4.80	58.7	20.6	5.17
	80	62	61.5	44.9	3.88	57.1	42.2	4.29	52.7	39.6	4.69	48.3	36.9	5.10
		67	67.2	38.7	3.94	62.8	36.0	4.34	58.4	33.4	4.75	54.0	30.7	5.16
		72	73.4	32.9	3.95	69.0	30.2	4.35	64.6	27.6	4.76	60.2	24.9	5.16
2300	75	62	63.6	39.6	3.97	58.3	37.6	4.30	53.0	35.7	4.63	47.7	33.8	4.97
		67	69.3	33.3	4.02	64.0	31.4	4.36	58.7	29.5	4.69	53.4	27.6	5.02
		72	75.5	27.6	4.03	70.2	25.6	4.36	64.9	23.7	4.70	59.6	21.8	5.03
	80	62	64.2	46.1	3.84	59.2	43.4	4.21	54.2	40.7	4.59	49.2	38.1	4.96
		67	69.9	39.9	3.89	64.9	37.2	4.27	59.9	34.5	4.64	54.9	31.9	5.02
		72	76.1	34.1	3.90	71.1	31.4	4.28	66.1	28.8	4.65	61.1	26.1	5.03

- 1) T.C. = Total (Net) Cooling Capacity, S.C. = Sensible Cooling Capacity, kW = Kilowatts
- 2) Expanded Ratings are based on 230 Volt - 60 Hz operation
- 3) Expanded Ratings are based on Factory Standard Blower Drive
- 4) Bolded Values indicate ARI rating point
- 5) Energy Efficiency Ratio (EER) = T.C. / kW

INVENTORIED BASE SKU'S								
Mat ID, SKU	Material Description	volts	Htg		Mat ID, SKU	Material Description	volts	Htg
1011281	R7TQ072-CLA000A0001B	208-230/60/3	H100		1011283	R7TQ072-DLA000A0001B	460/60/3	H100
1011282	R7TQ072-CHA000A0001B	208-230/60/3	H166		1011284	R7TQ072-DHA000A0001B	460/60/3	H166
1011301	R7TQ090-CLA000A0001B	208-230/60/3	H166		1011304	R7TQ090-DLA000A0001B	460/60/3	H166
1011302	R7TQ090-CMA000A0001B	208-230/60/3	H200		1011305	R7TQ090-DMA000A0001B	460/60/3	H200
1011303	R7TQ090-CHA000A0001B	208-230/60/3	H225		1011306	R7TQ090-DHA000A0001B	460/60/3	H225
1011334	R7TQ120-CLA000A0001B	208-230/60/3	H166		1011337	R7TQ120-DLA000A0001B	460/60/3	H166
1011335	R7TQ120-CMA000A0001B	208-230/60/3	H200		1011338	R7TQ120-DMA000A0001B	460/60/3	H200
1011336	R7TQ120-CHA000A0001B	208-230/60/3	H225		1011339	R7TQ120-DHA000A0001B	460/60/3	H225

STAINLESS STEEL HEAT EXCHANGER				DISCONNECT AND OUTLET			
Mat ID, SKU	Material Description	volts	Htg	Mat ID, SKU	Material Description	volts	Htg
1011295	R7TQ072-CXA000A0001B	208-230/60/3	H100	1011288	R7TQ072-CHA000A3001B	208-230/60/3	H166
1011296	R7TQ072-CZA000A0001B	208-230/60/3	H166	1011287	R7TQ072-CLA000A3001B	208-230/60/3	H100
1011297	R7TQ072-DXA000A0001B	460/60/3	H100	1011289	R7TQ072-DLA000A3001B	460/60/3	H100
1011298	R7TQ072-DZA000A0001B	460/60/3	H166	1011290	R7TQ072-DHA000A3001B	460/60/3	H166
1011322	R7TQ090-CXA000A0001B	208-230/60/3	H166	1011310	R7TQ090-CLA000A3001B	208-230/60/3	H166
1011323	R7TQ090-CYA000A0001B	208-230/60/3	H200	1011311	R7TQ090-CMA000A3001B	208-230/60/3	H200
1011324	R7TQ090-CZA000A0001B	208-230/60/3	H225	1011312	R7TQ090-CHA000A3001B	208-230/60/3	H225
1011325	R7TQ090-DXA000A0001B	460/60/3	H166	1011313	R7TQ090-DLA000A3001B	460/60/3	H166
1011326	R7TQ090-DYA000A0001B	460/60/3	H200	1011314	R7TQ090-DMA000A3001B	460/60/3	H200
1011327	R7TQ090-DZA000A0001B	460/60/3	H225	1011315	R7TQ090-DHA000A3001B	460/60/3	H225
1011355	R7TQ120-CXA000A0001B	208-230/60/3	H166	1011343	R7TQ120-CLA000A3001B	208-230/60/3	H166
1011356	R7TQ120-CYA000A0001B	208-230/60/3	H200	1011344	R7TQ120-CMA000A3001B	208-230/60/3	H200
1011357	R7TQ120-CZA000A0001B	208-230/60/3	H225	1011345	R7TQ120-CHA000A3001B	208-230/60/3	H225
1011358	R7TQ120-DXA000A0001B	460/60/3	H166	1011346	R7TQ120-DLA000A3001B	460/60/3	H166
1011359	R7TQ120-DYA000A0001B	460/60/3	H200	1011347	R7TQ120-DMA000A3001B	460/60/3	H200
1011360	R7TQ120-DZA000A0001B	460/60/3	H225	1011348	R7TQ120-DHA000A3001B	460/60/3	H225

UMPOWERED CONVENIENCE OUTLET				COATED CONDENSER COIL			
Mat ID, SKU	Material Description	volts	Htg	Mat ID, SKU	Material Description	volts	Htg
1011292	R7TQ072-CHA000A1001B	208-230/60/3	H166	1011299	R7TQ072-CLA002A0001B	208-230/60/3	H100
1011291	R7TQ072-CLA000A1001B	208-230/60/3	H100	1011300	R7TQ072-DLA002A0001B	460/60/3	H100
1011294	R7TQ072-DHA000A1001B	460/60/3	H166	1011330	R7TQ090-CHA002A0001B	208-230/60/3	H225
1011293	R7TQ072-DLA000A1001B	460/60/3	H100	1011328	R7TQ090-CLA002A0001B	208-230/60/3	H166
1011318	R7TQ090-CHA000A1001B	208-230/60/3	H225	1011329	R7TQ090-CMA002A0001B	208-230/60/3	H200
1011316	R7TQ090-CLA000A1001B	208-230/60/3	H166	1011333	R7TQ090-DHA002A0001B	460/60/3	H225
1011317	R7TQ090-CMA000A1001B	208-230/60/3	H200	1011331	R7TQ090-DLA002A0001B	460/60/3	H166
1011321	R7TQ090-DHA000A1001B	460/60/3	H225	1011332	R7TQ090-DMA002A0001B	460/60/3	H200
1011319	R7TQ090-DLA000A1001B	460/60/3	H166	1011363	R7TQ120-CHA02A0001B	208-230/60/3	H225
1011320	R7TQ090-DMA000A1001B	460/60/3	H200	1011361	R7TQ120-CLA002A0001B	208-230/60/3	H166
1011351	R7TQ120-CHA000A1001B	208-230/60/3	H225	1011362	R7TQ120-CMA02A0001B	208-230/60/3	H200
1011349	R7TQ120-CLA000A1001B	208-230/60/3	H166	1011366	R7TQ120-DHA002A0001B	460/60/3	H225
1011350	R7TQ120-CMA000A1001B	208-230/60/3	H200	1011364	R7TQ120-DLA002A0001B	460/60/3	H166
1011354	R7TQ120-DHA000A1001B	460/60/3	H225	1011365	R7TQ120-DMA002A0001B	460/60/3	H200
1011352	R7TQ120-DLA000A1001B	460/60/3	H166				
1011353	R7TQ120-DMA000A1001B	460/60/3	H200				

ACCESSORIES

DESCRIPTION	Field SKU
8" Curb	1011391
14" Curb	1011388
18" Curb	1011389
24" Curb	1011390
Convenience Outlet	1011383
Manual Outdoor Air Damper	1011416
Powered Outdoor Air Damper	1011417
Economizer, vertical, with Enthalpy Controller	1011418
Economizer, horizontal, with Enthalpy Controller	1021416
Power Exhaust - Vert, field, 6 ton, 460v or 208/230v	1013192
Power Exhaust - Vert, field, 6 ton, 575v	1013193
Power Exhaust - Vert, field, 7.5 & 10 ton, 460v or 208/230v	1013194
Power Exhaust - Vert, field, 7.5 & 10 ton, 575v	1013195
Differential Enthalpy control	1011701
RA Mounted CO2 Sensor	1011410
Wall Mounted CO2 Sensor	1011411
Smoke Detector	1011404
Sampling tubes 2-4ft	1011405
Sampling tube 4-8ft	1011406
Filter Upgrade to MERV 8	1011407
Condensate Float Safety Switch	1011396
Low Ambient Control, 6 Ton	1011408
Low Ambient Control, 7.5, 10 Ton	1011409
Low Pressure Switch, 6 Ton	1011412
Low Pressure Switch, 7.5, 10 Ton	1011413
Freezestat, 6 Ton	1011414
Freezestat, 7.5, 10 Ton	1011415
Flue Exhaust Extension	1011384
LP Conversion Kit (< 9K ft Elevation, HX 100, 225) (< 6K ft Elevation, HX 225)	1011435
LP Conversion Kit (< 10K ft Elevation, HX 166 200) (7K-10K ft Elevation, HX 225)	1011436
Natural Gas, High Altitude Conversion (< 9K ft Elevation, HX100) (< 6K ft Elevation, HX166, 200) (< 6K ft Elevation, HX225)	1011437
Natural Gas, High Altitude Conversion (\geq 10K ft Elevation, HX100) (7K-10K ft Elevation, HX166, 200) (7K-10K ft Elevation, HX225)	1011438
Mesh Hail Guard Option, 6 Ton	1011385
Mesh Hail Guard Option, 7.5 Ton	1011386
Mesh Hail Guard Option, 10 Ton	1011387
BacNet Thermostat	1011394
LonWorks Thermostat	1011394
Burglar Bars - Return & Supply	1011382
High Static Drive, Up to 1" WC (7.5-10 Ton) 208/230 volt	1011379
High Static Drive, Up to 1" WC (7.5-10 Ton) 460 volt	1011380
High Static Drive, Up to 1" WC (7.5-10 Ton) 575 volt	1011996
Medium Static Drive, 6 Ton Downflow	1011993
Medium Static Drive, 6 Ton Horizontal	667405
Fusible Disconnect Swith, 60 amp, 600 volt, USA	1011400
Fusible Disconnect Swith, 60 amp, 240 volt, USA	1011397
Fusible Disconnect Swith, 60 amp, 600 volt, Canada	1011402
Hooded Hail Guard	1006379



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