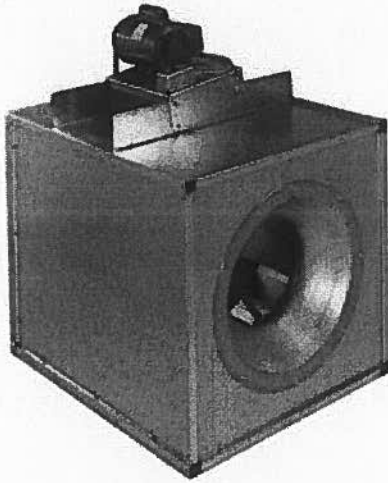


ISQBC-T
SQUARE INLINE - BELT DRIVE



- Air Volume: 2 - 31999 cfm
- Maximum SP: 5.5" wg. @ standard air density

FEATURES & BENEFITS

- Constructed of durable galvanized steel
- Non-overloading backward incline wheels, dynamically balanced are utilized
- For exhaust and intake air applications
- Standard variable pitch motor pulley allows for field balancing

OPTIONS

- Motor/Belt Cover
- Vibration Isolators
- Inlet and Outlet Guards
- Back Draft Dampers

CERTIFICATIONS

ThermoTek certifies that Models ISQ100BC-T thru ISQ420BC-T are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and 311 and comply with the requirements of the AMCA Certified Rating Program.

Models ISQ100BC-T thru ISQ420BC-T are listed under UL705 (Electrical).



Catalog #109T
July 2004

► ISQBC-T Sizes - Square Inline - Belt Drive

Select one of the models listed below to see its performance data.

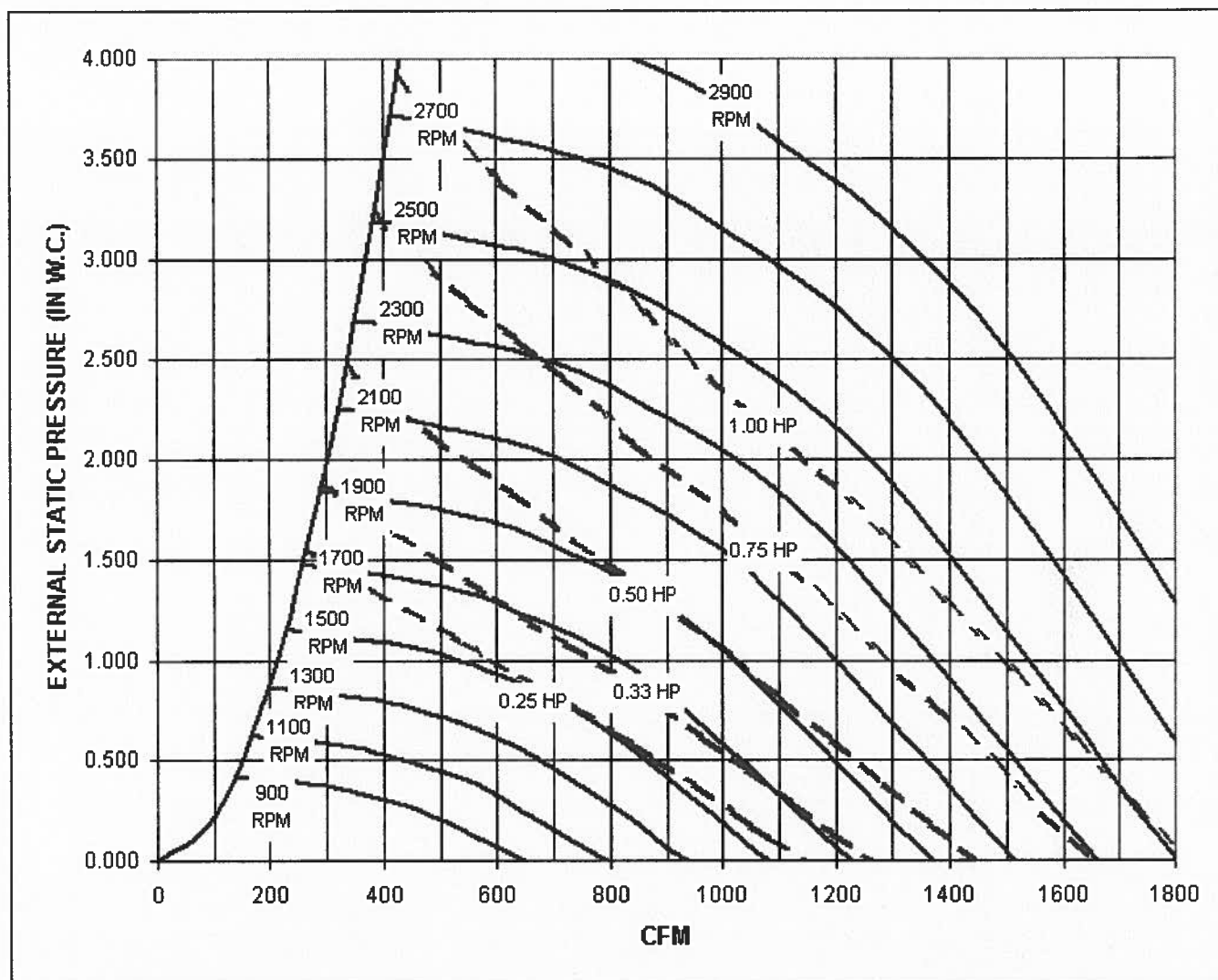


ISQ100BC-T	Curve	Table
ISQ120BC-T	Curve	Table
ISQ125BC-T	Curve	Table
ISQ125BHC-T	Curve	Table
ISQ155BC-T	Curve	Table
ISQ165BC-T	Curve	Table
ISQ205BC-T	Curve	Table
ISQ205BHC-T	Curve	Table
ISQ225BC-T	Curve	Table
ISQ225BHC-T	Curve	Table
ISQ275BC-T	Curve	Table
ISQ335BC-T	Curve	Table
ISQ420BC-T	Curve	Table

ISQ100BC-T Performance Table

CFM	Static Pressure in Inches W.G.							
	0.000	0.250	0.500	0.750	1.000	1.500	2.000	2.500
	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
800	1110 6.4 / 0.09	1286 8.1 / 0.15	1429 9.3 / 0.21	1562 10.7 / 0.28	1688 11.8 / 0.35	1928 14.0 / 0.51	2145 15.9 / 0.67	2353 18.2 / 0.86
1000	1387 8.9 / 0.17	1536 10.3 / 0.24	1661 11.5 / 0.32	1773 12.5 / 0.40	1880 13.3 / 0.48	2088 15.4 / 0.66	2283 17.4 / 0.85	
1200	1664 11.9 / 0.29	1794 13.2 / 0.38	1905 13.5 / 0.47	2003 14.2 / 0.56	2098 15.2 / 0.65	2277 17.1 / 0.85		
1400	1942 14.5 / 0.46	2056 15.7 / 0.56	2154 16.1 / 0.66	2244 17.4 / 0.77	2329 18.2 / 0.88			
1600	2219 18.0 / 0.68	2322 19.5 / 0.80	2413 20 / 0.92					
1800	2497 22 / 0.97							

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses. The sound ratings shown are loudness values in sones at 5 ft (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type B: free inlet fan sone levels. Ratings do not include the effect of duct end correction.

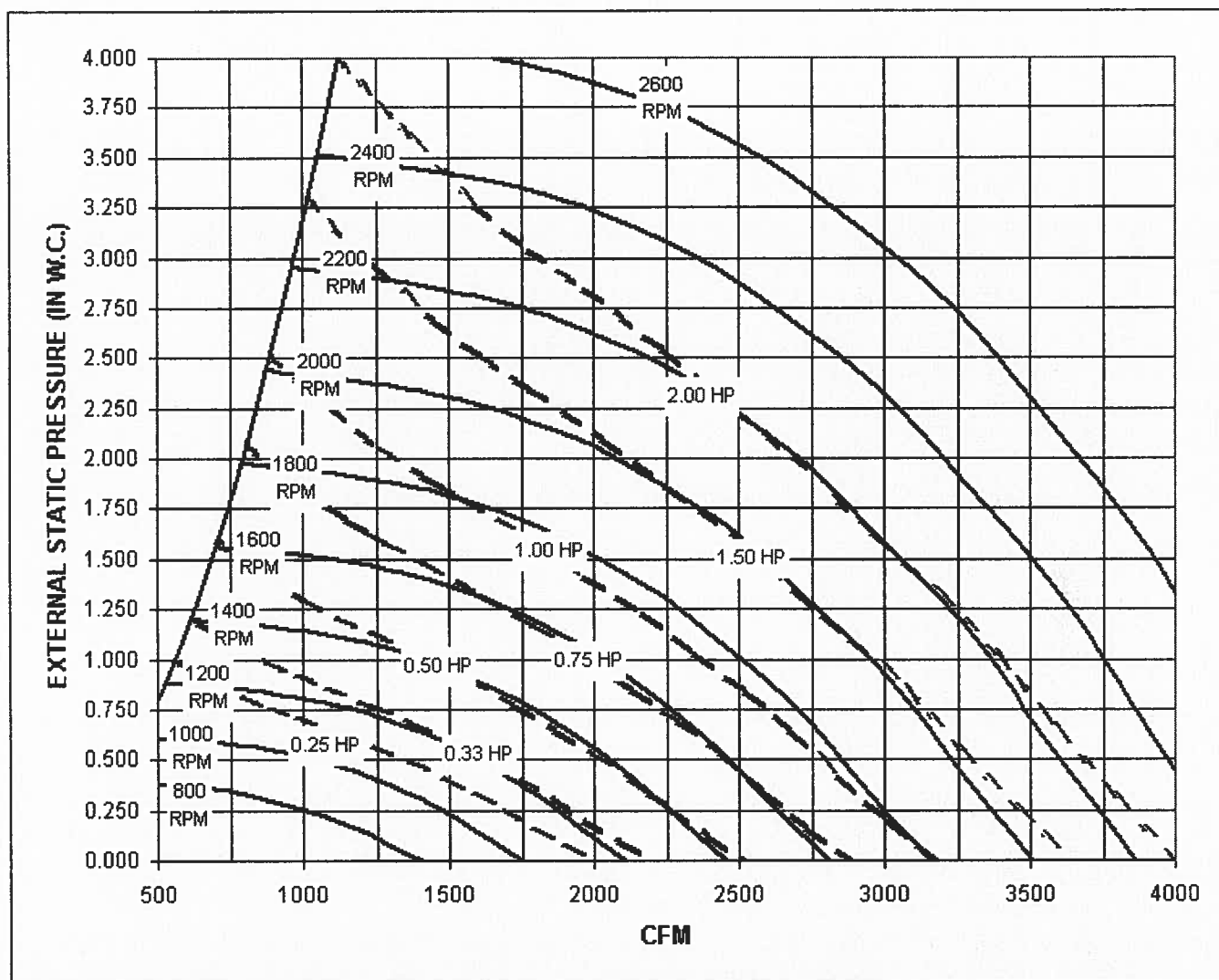
ISQ100BC-T Performance Curve

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses.

ISQ120BC-T Performance Table

CFM	Static Pressure in Inches W.G.								
	0.000	0.250	0.500	0.750	1.000	1.500	2.000	2.500	3.000
	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
1500	856 4.5 / 0.11	1014 6.0 / 0.19	1157 7.5 / 0.29	1292 9.6 / 0.40	1420 10.6 / 0.53	1661 13.4 / 0.80	1877 16.4 / 1.10	2075 19.3 / 1.41	2256 21 / 1.73
2000	1142 7.9 / 0.25	1264 8.5 / 0.37	1376 9.4 / 0.49	1484 10.5 / 0.62	1587 11.5 / 0.75	1787 15.1 / 1.06	1978 18.0 / 1.41	2157 20 / 1.77	
2500	1426 11.3 / 0.49	1527 10.8 / 0.63	1620 11.9 / 0.78	1710 12.9 / 0.93	1796 13.9 / 1.09	1962 17.1 / 1.43	2126 19.8 / 1.80		
3000	1711 15.4 / 0.85	1797 13.9 / 1.02	1877 15.1 / 1.19	1953 16.8 / 1.36	2028 18.9 / 1.55	2172 20 / 1.93			
3500	1997 20 / 1.34	2071 19.4 / 1.54	2141 19.2 / 1.74	2208 19.6 / 1.94					
4000	2282 24 / 2.00								

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses. The sound ratings shown are loudness values in sones at 5 ft (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type B: free inlet fan sone levels. Ratings do not include the effect of duct end correction.

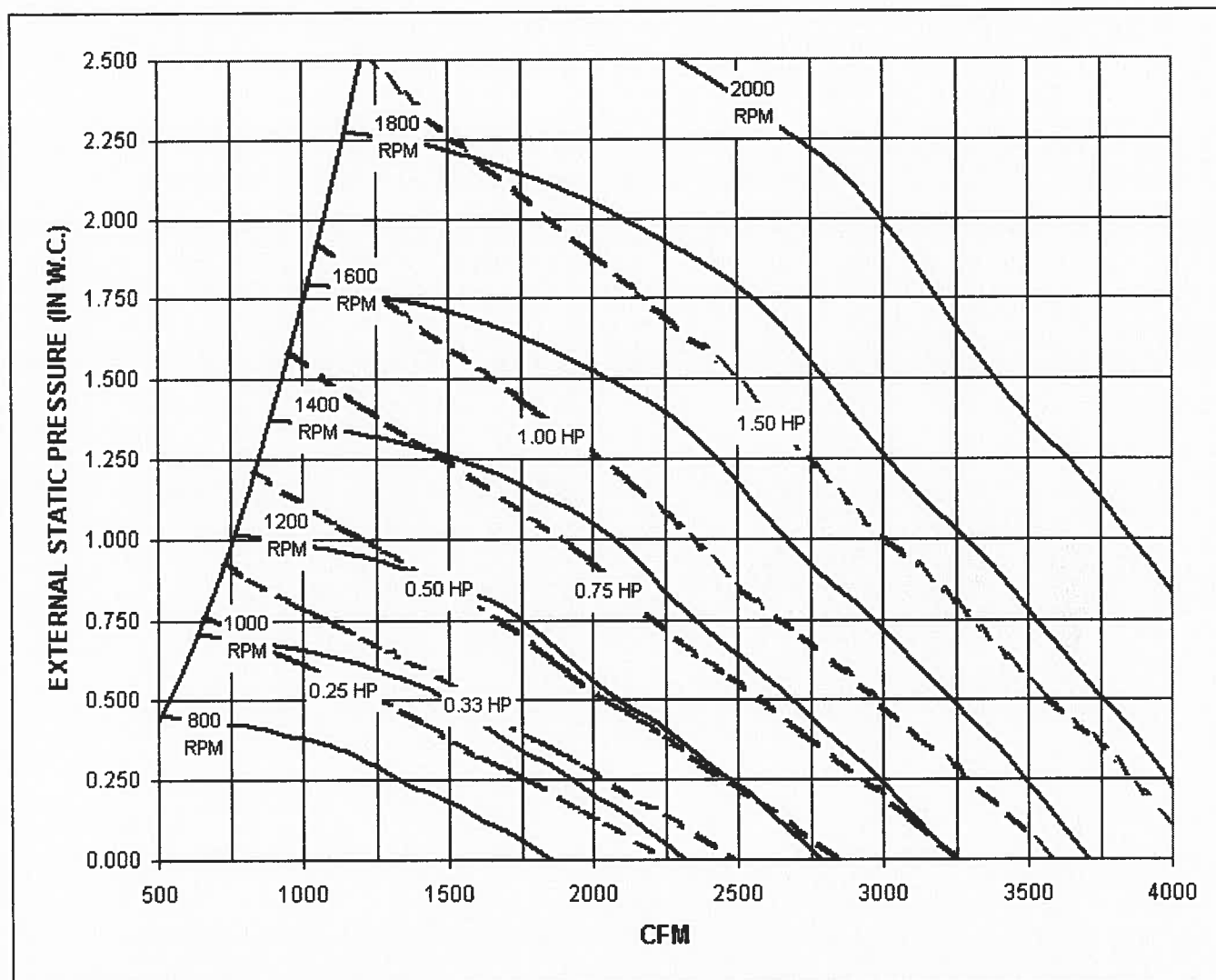
ISQ120BC-T Performance Curve

Performance shown is for Installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses.

ISQ125BC-T Performance Table

CFM	Static Pressure in Inches W.G.					
	0.000	0.250	0.500	0.750	1.000	1.500
	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
2000	862 8.2 / 0.17	1027 10.2 / 0.32	1165 11.2 / 0.47	1283 12.7 / 0.64	1391 14.1 / 0.81	1589 16.9 / 1.18
2500	1078 10.8 / 0.34	1211 11.9 / 0.52	1335 13.3 / 0.71	1443 14.7 / 0.90	1540 16.2 / 1.10	
3000	1293 13.2 / 0.58	1404 14.2 / 0.79	1514 15.2 / 1.02	1614 16.3 / 1.25	1705 17.6 / 1.48	
3500	1509 15.3 / 0.93	1603 16.7 / 1.17	1700 17.9 / 1.43			
4000	1724 18.4 / 1.38					

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses. The sound ratings shown are loudness values in sones at 5 ft (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type B: free inlet fan sone levels. Ratings do not include the effect of duct end correction.

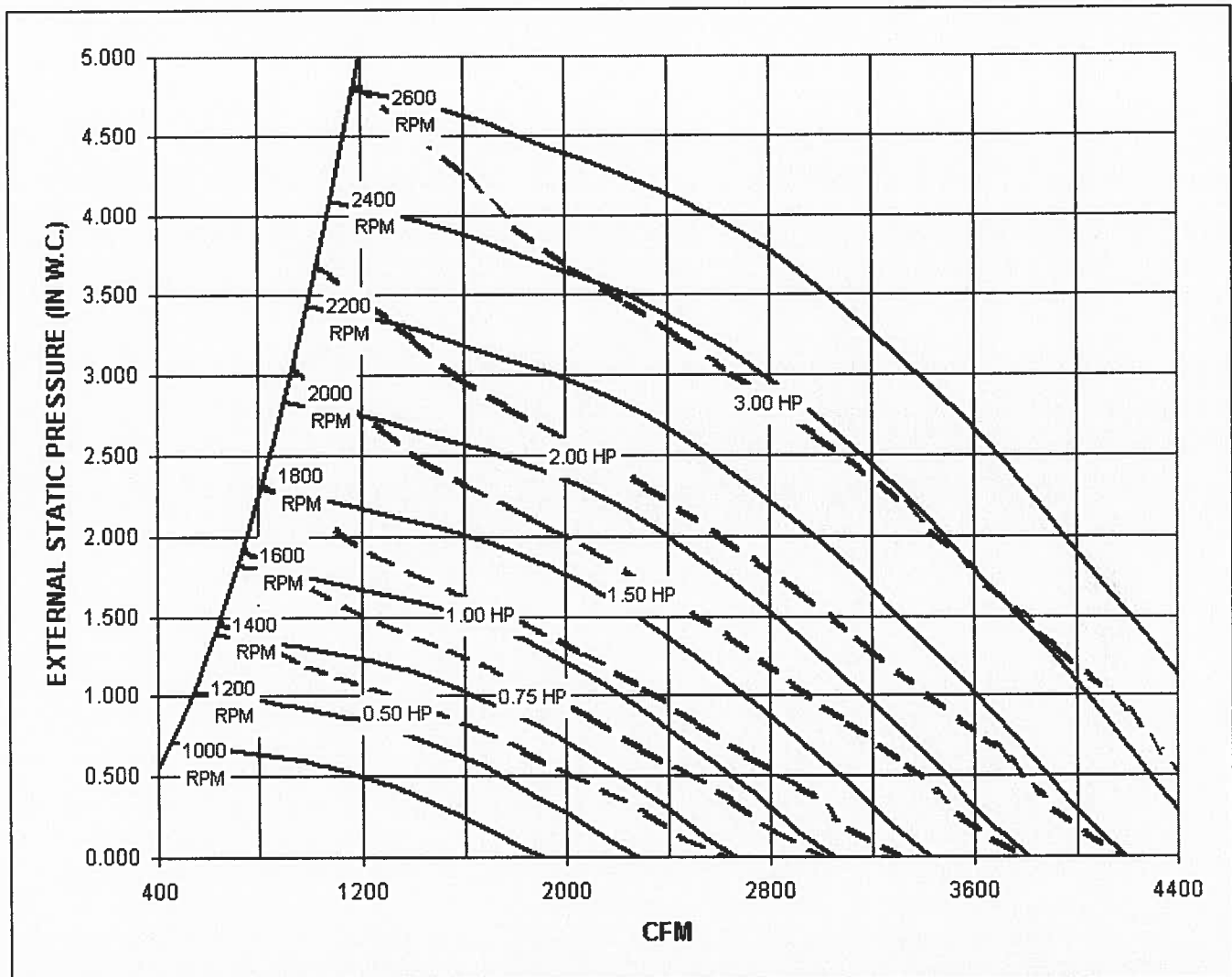
ISQ125BC-T Performance Curve

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses.

ISQ125BHC-T Performance Table

CFM	Static Pressure in Inches W.G.								
	0.000	0.250	0.500	0.750	1.000	1.500	2.000	2.500	3.000
	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
2000	1052 9.7 / 0.22	1192 10.5 / 0.35	1308 12.3 / 0.48	1415 13.8 / 0.63	1516 15.7 / 0.78	1708 20 / 1.13	1885 23 / 1.51	2051 26 / 1.92	2208 28 / 2.35
2800	1472 15.3 / 0.61	1580 16.7 / 0.80	1673 18.0 / 0.97	1758 19.1 / 1.15	1837 20 / 1.34	1990 23 / 1.74	2134 26 / 2.18	2273 28 / 2.65	
3600	1893 21 / 1.29	1980 20 / 1.54	2058 24 / 1.77	2129 26 / 2.00	2196 28 / 2.23	2326 27 / 2.70			
4400	2313 27 / 2.36	2387 26 / 2.67	2454 27 / 2.96						

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses. The sound ratings shown are loudness values in sones at 5 ft (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type B: free inlet fan sone levels. Ratings do not include the effect of duct end correction.

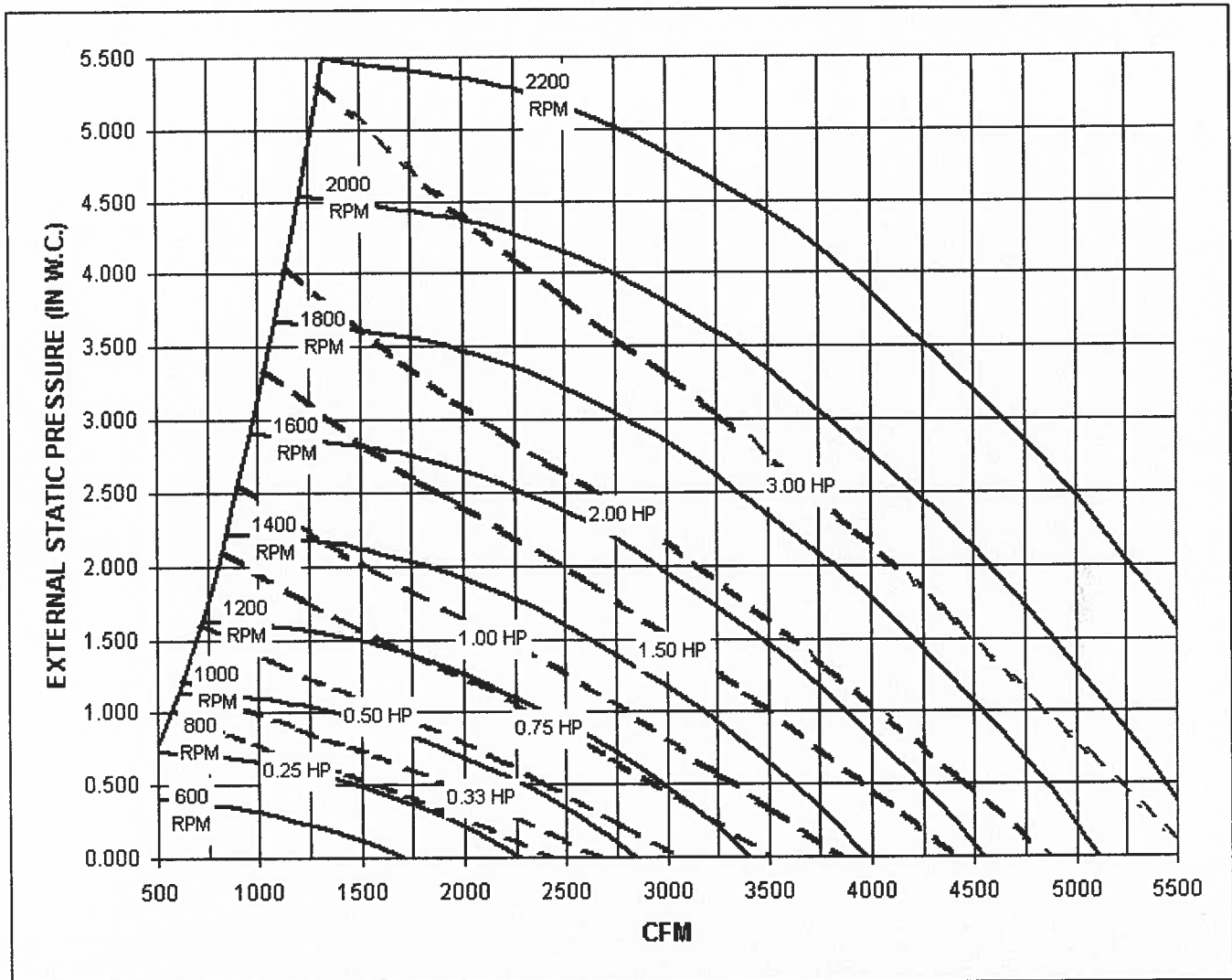
ISQ125BHC-T Performance Curve

Performance shown is for installation type B: Free Inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses.

ISQ155BC-T Performance Table

CFM	Static Pressure in Inches W.G.								
	0.000	0.250	0.500	0.750	1.000	1.500	2.000	2.500	3.000
	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
2000	705 7.5 / 0.14	818 8.4 / 0.24	924 9.7 / 0.36	1021 11.1 / 0.48	1111 12.5 / 0.61	1275 15.2 / 0.91	1423 17.2 / 1.23	1560 19.0 / 1.57	1686 21 / 1.92
2500	881 9.3 / 0.27	972 10.3 / 0.40	1060 11.4 / 0.54	1145 12.5 / 0.68	1224 14.5 / 0.83	1371 16.5 / 1.16	1506 18.3 / 1.51	1632 20 / 1.89	1751 22 / 2.29
3000	1057 12.0 / 0.47	1133 12.3 / 0.63	1208 13.2 / 0.79	1281 14.2 / 0.95	1351 15.2 / 1.12	1484 17.8 / 1.48	1608 19.8 / 1.87	1724 22 / 2.28	1834 24 / 2.72
3500	1233 14.5 / 0.75	1298 14.4 / 0.93	1363 15.5 / 1.11	1427 16.5 / 1.30	1489 17.6 / 1.49	1609 19.9 / 1.89	1722 22 / 2.31	1830 24 / 2.76	
4000	1409 17.1 / 1.12	1466 17.5 / 1.33	1523 18.3 / 1.53	1579 19.3 / 1.75	1635 20 / 1.96	1744 22 / 2.40	1848 24 / 2.86		
4500	1586 20 / 1.59	1636 21 / 1.82	1686 21 / 2.06	1737 22 / 2.30	1787 23 / 2.53				
5000	1762 24 / 2.18	1807 23 / 2.44	1761 23 / 2.17	1898 25 / 2.96					
5500	1938 27 / 2.90								

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses. The sound ratings shown are loudness values in sones at 5 ft (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type B: free inlet fan sone levels. Ratings do not include the effect of duct end correction.

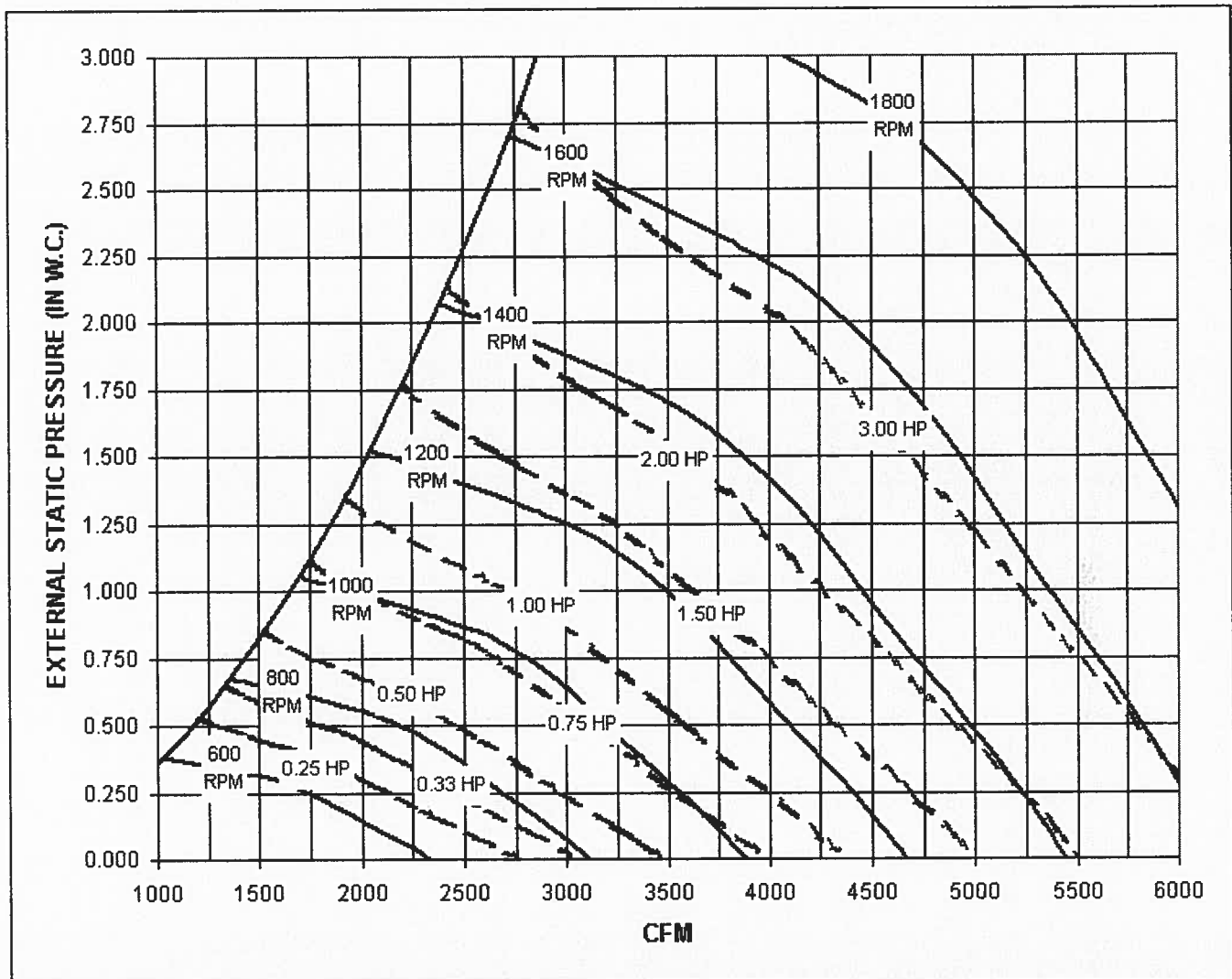
ISQ155BC-T Performance Curve

Performance shown is for installation type B: Free Inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses.

ISQ165BC-T Performance Table

CFM	Static Pressure in Inches W.G.							
	0.000	0.250	0.500	0.750	1.000	1.500	2.000	2.500
	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
2500	643 8.6 / 0.19	757 10.1 / 0.34	856 10.8 / 0.51	954 11.5 / 0.70	1051 12.8 / 0.91	1233 15.8 / 1.40	1393 17.9 / 1.92	
3000	772 10.8 / 0.32	871 11.4 / 0.51	955 12.3 / 0.70	1037 12.9 / 0.90	1119 13.9 / 1.13	1280 16.4 / 1.64	1433 18.5 / 2.23	1573 21 / 2.85
3500	900 12.5 / 0.51	988 13.7 / 0.73	1063 14.0 / 0.94	1134 14.4 / 1.17	1204 15.5 / 1.41	1344 17.3 / 1.95	1482 19.2 / 2.56	
4000	1029 14.7 / 0.77	1108 15.8 / 1.01	1175 15.8 / 1.26	1239 16.8 / 1.51	1301 16.8 / 1.77	1423 18.6 / 2.33	1546 20 / 2.96	
4500	1157 16.8 / 1.09	1229 18.1 / 1.37	1292 17.7 / 1.64	1349 18.6 / 1.92	1405 18.8 / 2.21	1515 20 / 2.81		
5000	1286 19.0 / 1.50	1351 20 / 1.80	1410 20 / 2.11	1463 21 / 2.42	1514 22 / 2.73			
5500	1415 21 / 2.00	1475 22 / 2.33	1529 22 / 2.67	1579 23 / 3.00				
6000	1543 23 / 2.59	1599 25 / 2.95						

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses. The sound ratings shown are loudness values in sones at 5 ft (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type B: free inlet fan sone levels. Ratings do not include the effect of duct end correction.

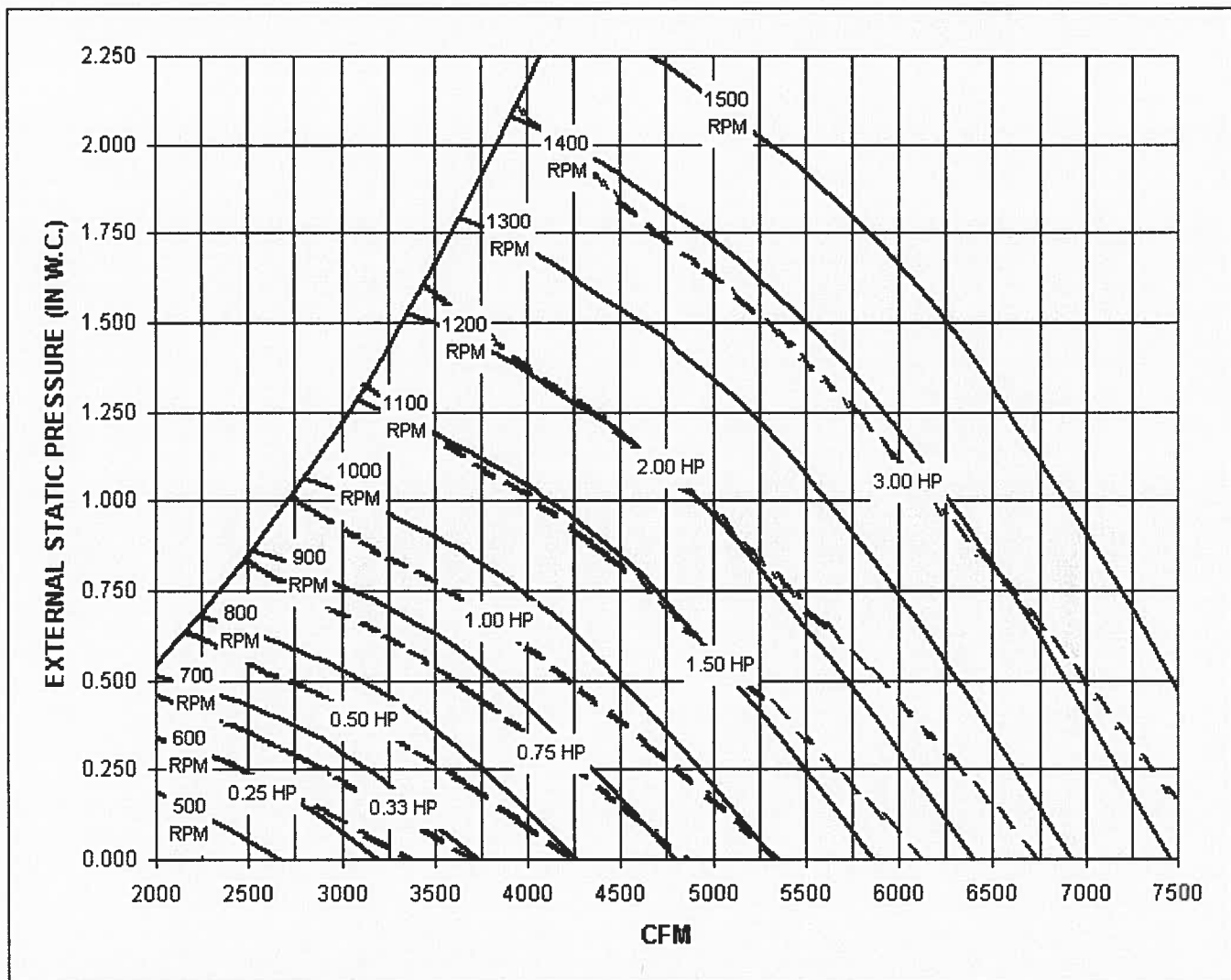
ISQ165BC-T Performance Curve

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses.

ISQ205BC-T Performance Table

CFM	Static Pressure in Inches W.G.						
	0.000	0.250	0.500	0.750	1.000	1.500	2.000
	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
2500	470 5.6 / 0.10	605 5.7 / 0.26	734 8.0 / 0.45	851 9.7 / 0.68			
3000	563 7.6 / 0.18	678 7.1 / 0.35	787 9.0 / 0.56	893 10.5 / 0.81	991 12.5 / 1.08		
3500	657 9.8 / 0.28	757 9.2 / 0.48	851 10.1 / 0.71	944 11.5 / 0.97	1034 13.3 / 1.27	1201 16.9 / 1.89	
4000	751 12.4 / 0.42	840 9.9 / 0.65	923 11.4 / 0.89	1005 13.0 / 1.17	1086 14.5 / 1.48	1241 17.7 / 2.16	1384 22 / 2.89
4500	845 12.5 / 0.59	925 11.3 / 0.85	999 12.6 / 1.12	1072 14.4 / 1.42	1145 15.8 / 1.74	1288 18.9 / 2.45	
5000	939 14.3 / 0.81	1012 15.8 / 1.10	1079 14.1 / 1.39	1145 15.4 / 1.71	1211 16.9 / 2.04	1341 21 / 2.79	
5500	1032 16.2 / 1.08	1100 17.7 / 1.39	1162 15.8 / 1.71	1222 17.2 / 2.05	1282 18.5 / 2.41		
6000	1126 18.2 / 1.41	1189 19.8 / 1.75	1246 17.6 / 2.09	1302 18.9 / 2.45	1357 20 / 2.82		
6500	1220 21 / 1.79	1279 22 / 2.16	1332 23 / 2.53	1384 23 / 2.91			
7000	1314 23 / 2.23	1369 25 / 2.63					
7500	1408 27 / 2.75						

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses. The sound ratings shown are loudness values in sones at 5 ft (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type B: free inlet fan sone levels. Ratings do not include the effect of duct end correction.

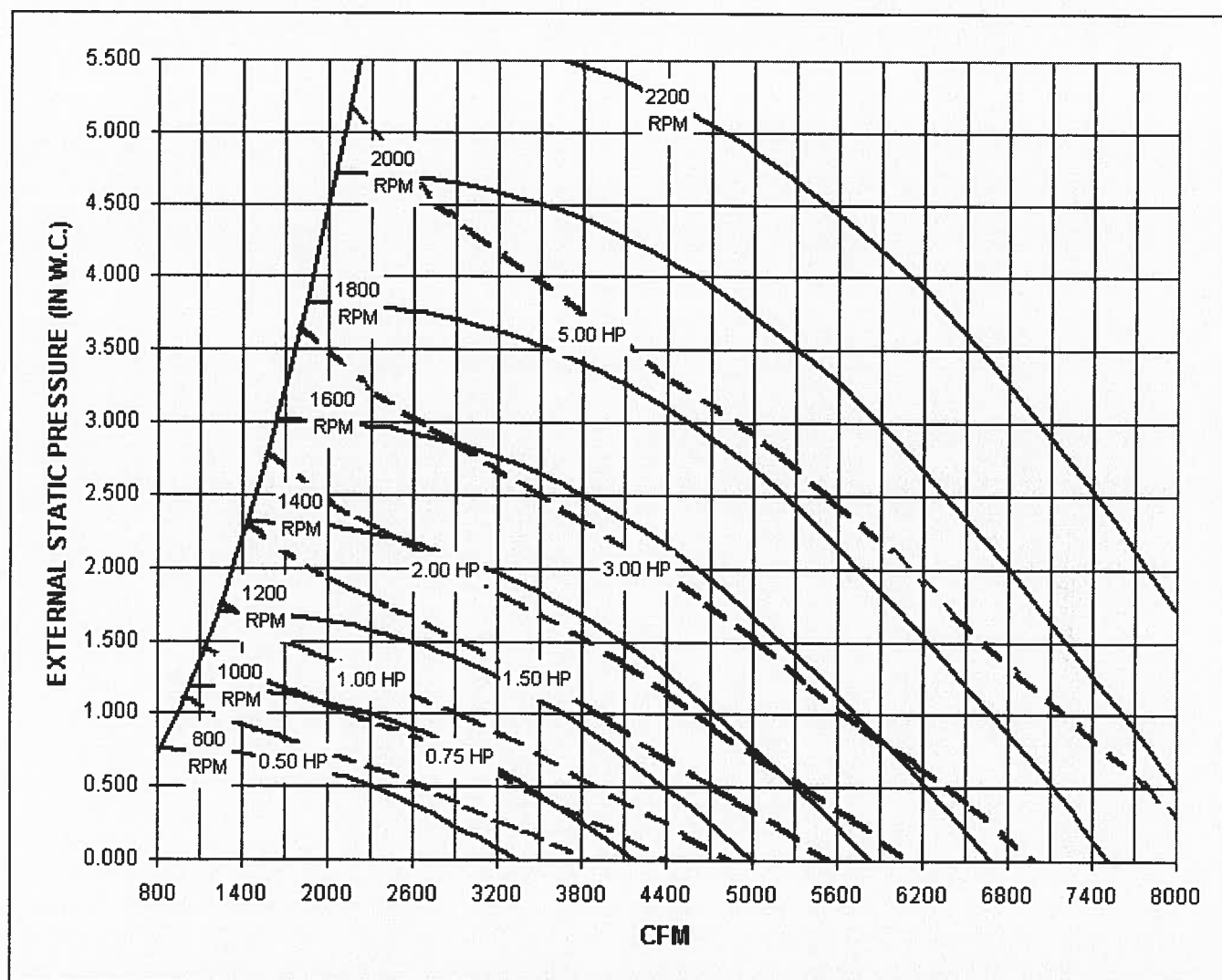
ISQ205BC-T Performance Curve

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses.

ISQ205BHC-T Performance Table

CFM	Static Pressure in Inches W.G.								
	0.000	0.250	0.500	0.750	1.000	1.500	2.000	2.500	3.000
	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
3800	910 11.0 / 0.48	998 11.0 / 0.71	1078 12.6 / 0.94	1153 14.2 / 1.18	1223 15.9 / 1.44	1356 19.8 / 1.98	1481 21 / 2.58	1599 23 / 3.22	1711 24 / 3.90
4400	1054 13.7 / 0.74	1131 13.0 / 1.00	1202 15.4 / 1.27	1269 17.2 / 1.54	1333 18.8 / 1.83	1454 21 / 2.42	1568 22 / 3.07	1677 24 / 3.75	1781 25 / 4.47
5000	1197 16.7 / 1.09	1266 15.8 / 1.39	1330 18.7 / 1.69	1391 20 / 1.99	1450 21 / 2.30	1561 22 / 2.96	1666 24 / 3.65	1766 25 / 4.37	
5600	1341 19.9 / 1.53	1403 18.3 / 1.86	1461 21 / 2.20	1517 22 / 2.54	1571 22 / 2.88	1673 24 / 3.59	1770 25 / 4.33		
6200	1485 22 / 2.07	1541 20 / 2.45	1594 21 / 2.82	1646 23 / 3.19	1695 24 / 3.57	1790 25 / 4.33			
6800	1628 25 / 2.74	1679 23 / 3.14	1729 24 / 3.55	1777 25 / 3.96	1822 26 / 4.36				
7400	1772 29 / 3.53	1819 27 / 3.97	1865 28 / 4.41	1910 33 / 4.86					
8000	1916 33 / 4.46	1959 34 / 4.93							

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses. The sound ratings shown are loudness values in sones at 5 ft (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type B: free inlet fan sone levels. Ratings do not include the effect of duct end correction.

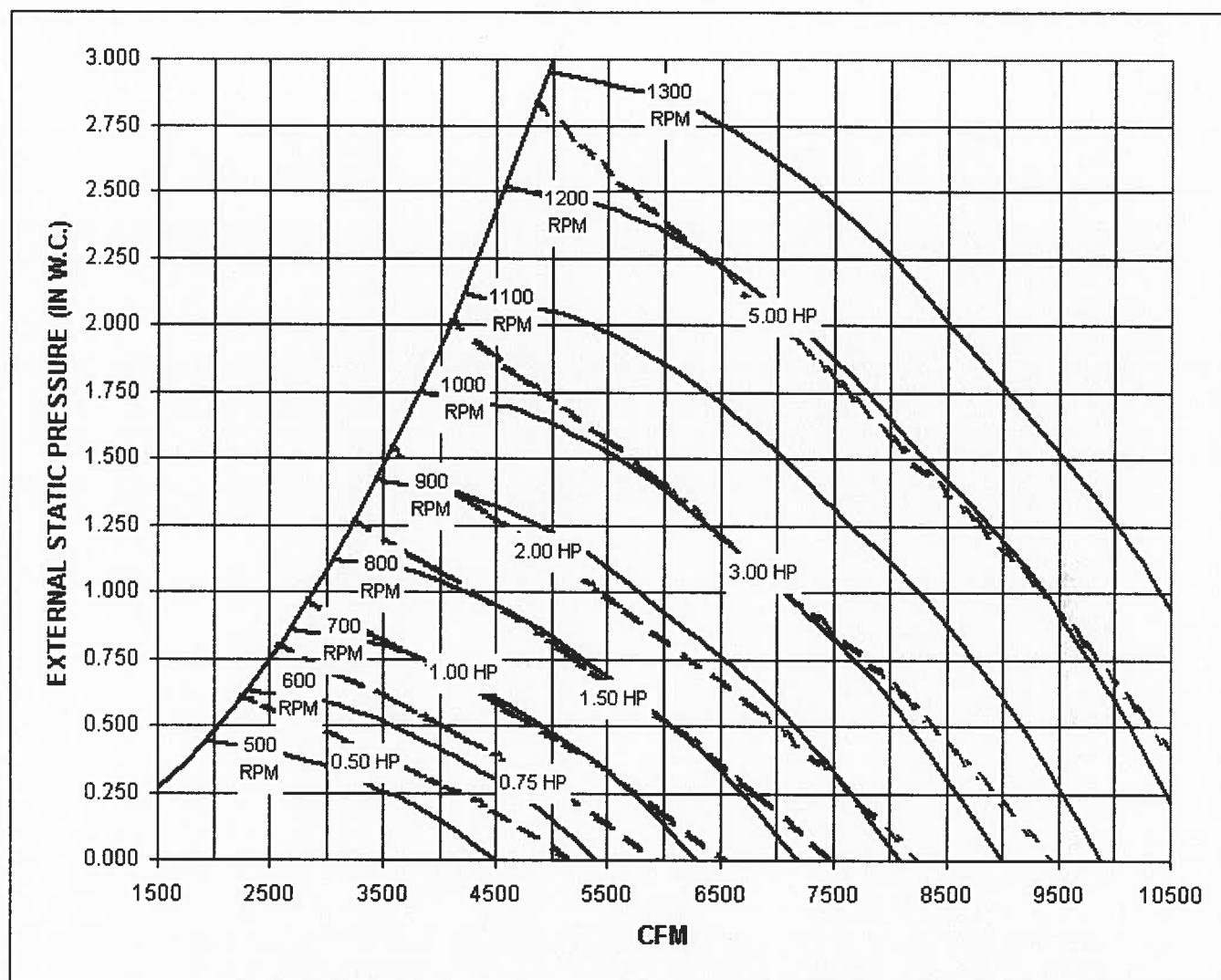
ISQ205BHC-T Performance Curve

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses.

ISQ225BC-T Performance Table

CFM	Static Pressure in Inches W.G.							
	0.000	0.250	0.500	0.750	1.000	1.500	2.000	2.500
	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
4500	501 6.7 / 0.32	584 8.6 / 0.58	667 10.3 / 0.89	742 12.1 / 1.22	813 13.5 / 1.57	948 17.5 / 2.36	1076 22 / 3.22	
5500	612 10.5 / 0.59	679 12.0 / 0.89	750 12.4 / 1.24	816 14.1 / 1.62	878 15.4 / 2.02	995 19.0 / 2.89	1106 22 / 3.83	1214 26 / 4.84
6500	724 13.6 / 0.98	778 14.7 / 1.32	839 14.2 / 1.72	898 15.9 / 2.14	954 18.0 / 2.59	1059 21 / 3.54	1158 24 / 4.56	
7500	835 15.9 / 1.50	881 16.5 / 1.89	933 16.4 / 2.33	986 18.5 / 2.80	1037 20 / 3.30	1133 23 / 4.34		
8500	946 18.7 / 2.18	987 19.9 / 2.62	1031 20 / 3.10	1077 21 / 3.61	1124 23 / 4.16			
9500	1058 22 / 3.05	1093 23 / 3.53	1132 23 / 4.05	1173 24 / 4.61				
10500	1169 25 / 4.11	1201 26 / 4.64						

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses. The sound ratings shown are loudness values in sones at 5 ft (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type B: free inlet fan sone levels. Ratings do not include the effect of duct end correction.

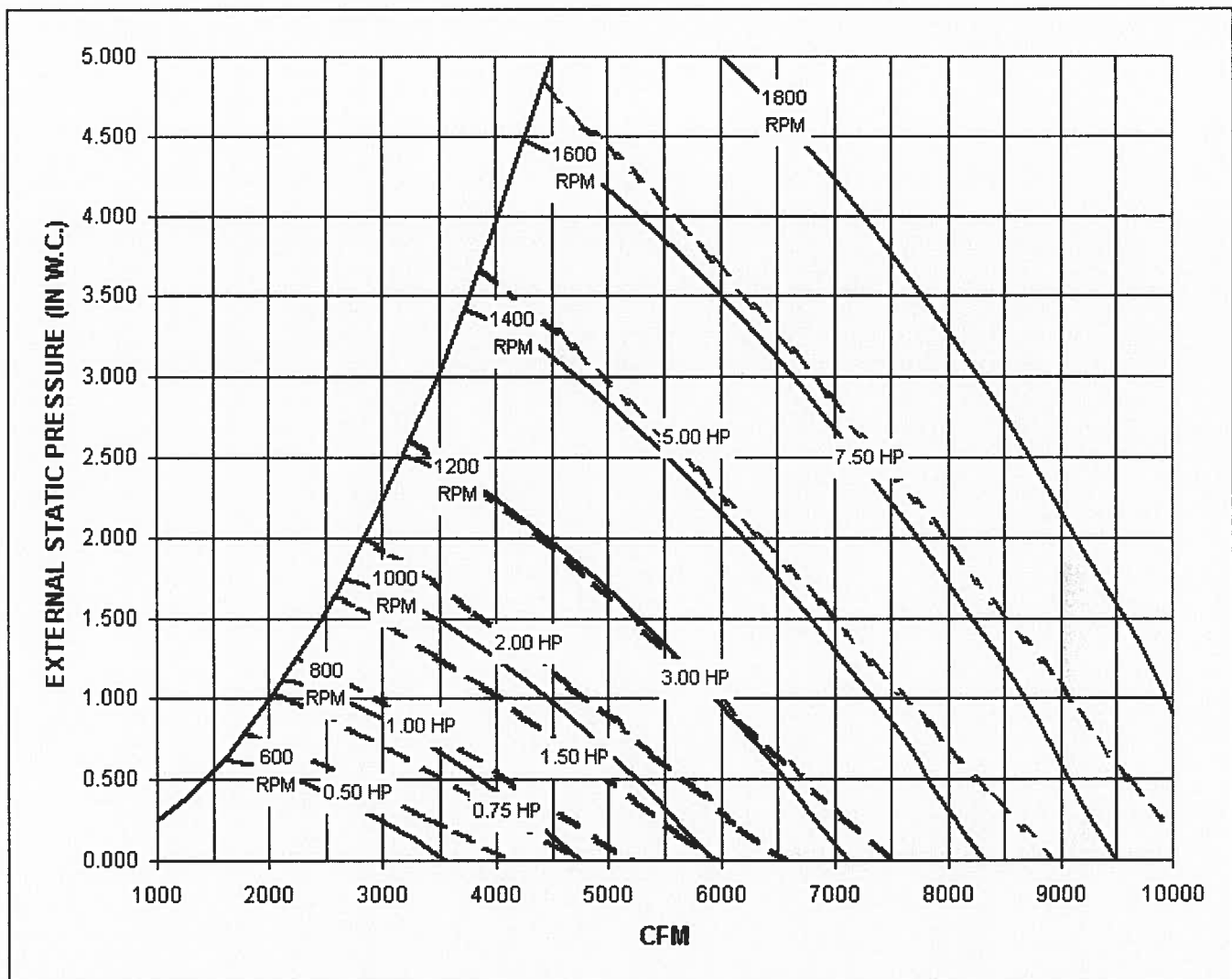
ISQ225BC-T Performance Curve

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses.

ISQ225BHC-T Performance Table

CFM	Static Pressure in Inches W.G.								
	0.000	0.250	0.500	0.750	1.000	1.500	2.000	2.500	3.000
	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
4000	675 9.2 / 0.45	750 10.4 / 0.70	819 11.5 / 0.95	883 12.7 / 1.21	943 14.1 / 1.48	1054 18.8 / 2.06	1156 21 / 2.70	1250 22 / 3.37	1340 24 / 4.09
5000	843 12.5 / 0.88	905 13.2 / 1.20	962 14.7 / 1.50	1017 16.5 / 1.81	1069 18.8 / 2.13	1167 21 / 2.80	1258 22 / 3.51	1344 24 / 4.27	1425 25 / 5.06
6000	1012 16.5 / 1.52	1064 16.6 / 1.90	1113 20 / 2.27	1161 21 / 2.64	1206 21 / 3.01	1293 23 / 3.78	1376 24 / 4.58	1453 26 / 5.41	1528 28 / 6.29
7000	1180 21 / 2.41	1225 20 / 2.86	1269 21 / 3.30	1310 23 / 3.73	1351 24 / 4.16	1428 25 / 5.03	1503 27 / 5.93	1574 29 / 6.85	
8000	1349 26 / 3.60	1388 24 / 4.12	1427 24 / 4.62	1464 26 / 5.11	1500 27 / 5.61	1570 29 / 6.59			
9000	1517 30 / 5.12	1553 29 / 5.71	1587 30 / 6.28	1621 30 / 6.84	1653 31 / 7.39				
10000	1686 32 / 7.03								

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses. The sound ratings shown are loudness values in sones at 5 ft (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type B: free inlet fan sone levels. Ratings do not include the effect of duct end correction.

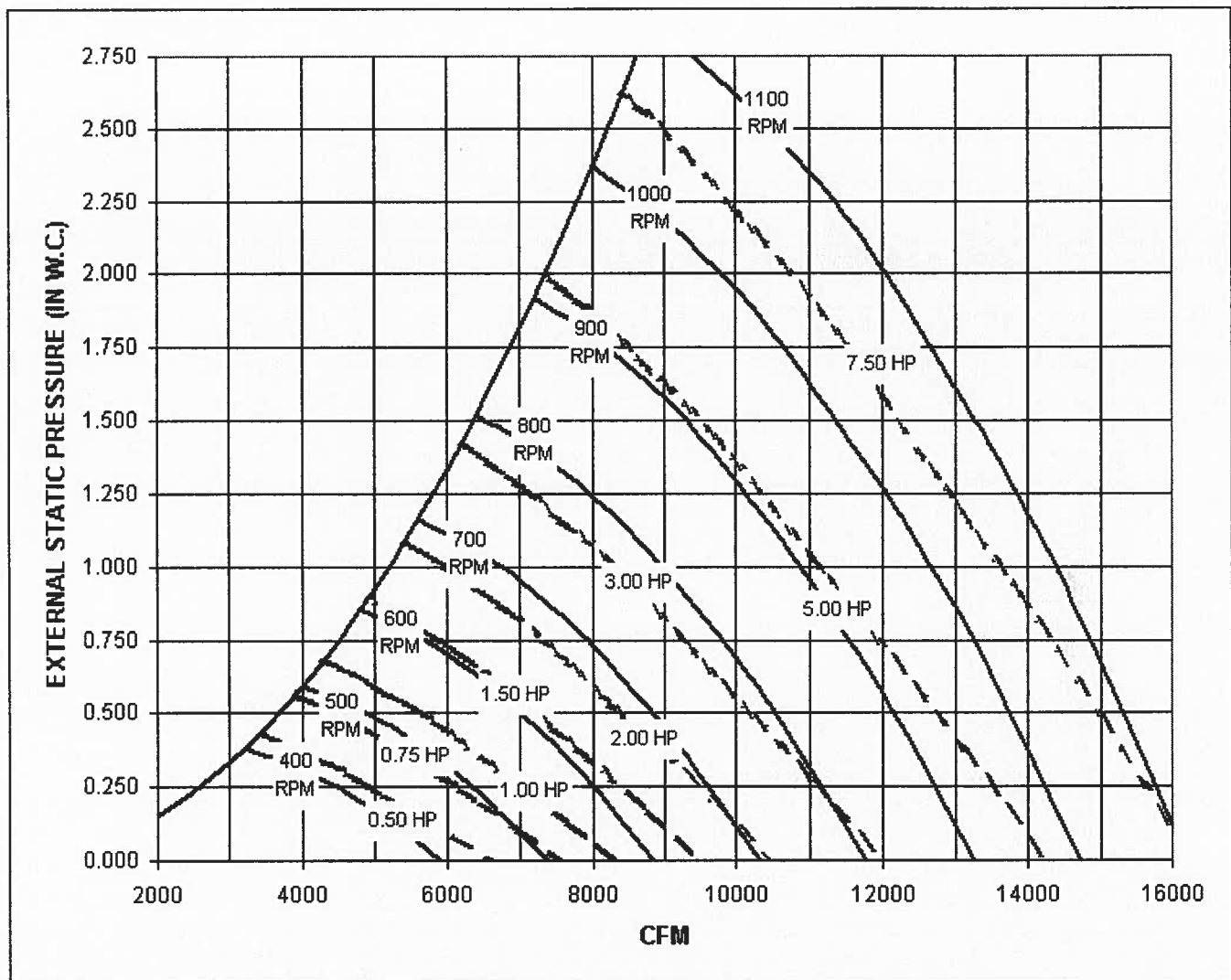
ISQ225BHC-T Performance Curve

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses.

ISQ275BC-T Performance Table

CFM	Static Pressure in Inches W.G.						
	0.000	0.250	0.500	0.750	1.000	1.500	2.000
	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
6000	408 7.5 / 0.38	481 9.7 / 0.72	548 9.5 / 1.10	613 10.7 / 1.53	674 13.0 / 2.01		
8000	543 12.0 / 0.89	600 13.3 / 1.34	653 12.2 / 1.81	704 13.8 / 2.31	754 16.3 / 2.85	848 19.0 / 4.03	937 22 / 5.37
10000	679 15.8 / 1.74	725 16.8 / 2.30	768 15.6 / 2.88	811 16.3 / 3.47	852 17.8 / 4.08	932 23 / 5.39	1009 26 / 6.82
12000	815 18.7 / 3.01	853 19.9 / 3.68	890 21 / 4.36	926 20 / 5.05	962 22 / 5.76	1031 25 / 7.24	
14000	951 24 / 4.77	983 25 / 5.55	1016 27 / 6.34	1047 28 / 7.14			
16000	1086 30 / 7.12						

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses. The sound ratings shown are loudness values in sones at 5 ft (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type B: free inlet fan sone levels. Ratings do not include the effect of duct end correction.

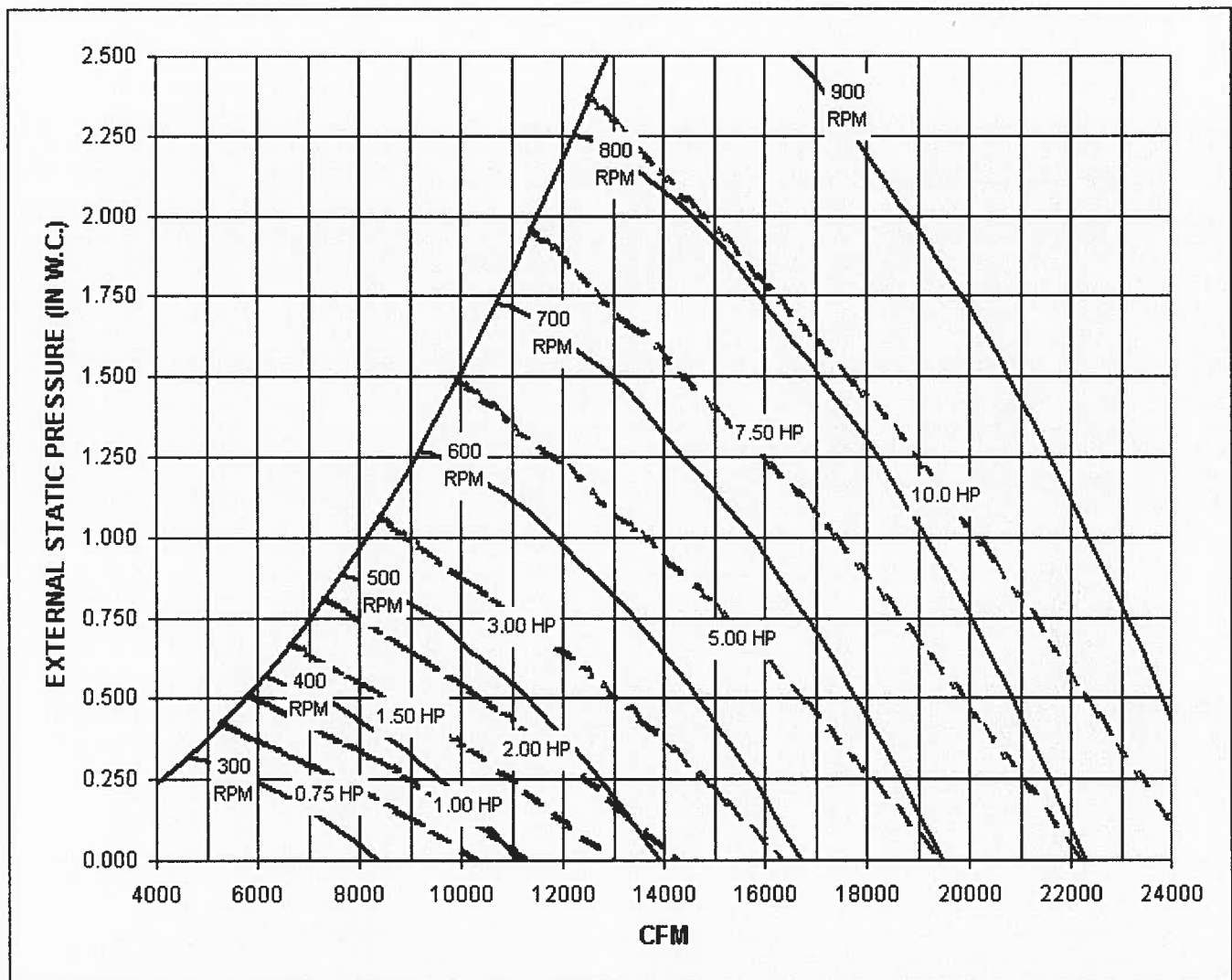
ISQ275BC-T Performance Curve

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses.

ISQ335BC-T Performance Table

CFM	Static Pressure in Inches W.G.						
	0.000	0.250	0.500	0.750	1.000	1.500	2.000
	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
10000	359 9.2 / 0.68	413 10.2 / 1.23	465 12.1 / 1.88	514 13.9 / 2.59	560 15.8 / 3.36	653 20 / 5.06	
12000	431 12.4 / 1.18	475 14.3 / 1.82	521 15.4 / 2.54	564 17.1 / 3.34	604 17.8 / 4.20	681 22 / 6.04	759 26 / 8.05
14000	503 18.2 / 1.87	540 20 / 2.60	579 19.8 / 3.41	618 20 / 4.29	654 21 / 5.23	723 24 / 7.25	789 27 / 9.41
16000	574 22 / 2.80	607 23 / 3.62	641 23 / 4.51	675 25 / 5.47	709 26 / 6.49	772 27 / 8.67	
18000	646 26 / 3.98	675 27 / 4.90	705 28 / 5.88	736 28 / 6.92	766 29 / 8.01		
20000	718 30 / 5.46	743 31 / 6.48	770 33 / 7.55	798 34 / 8.67	826 35 / 9.84		
22000	790 34 / 7.27	813 35 / 8.39	837 38 / 9.55				
24000	862 43 / 9.44						

Performance shown is for Installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses. The sound ratings shown are loudness values in sones at 5 ft (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type B: free inlet fan sone levels. Ratings do not include the effect of duct end correction.

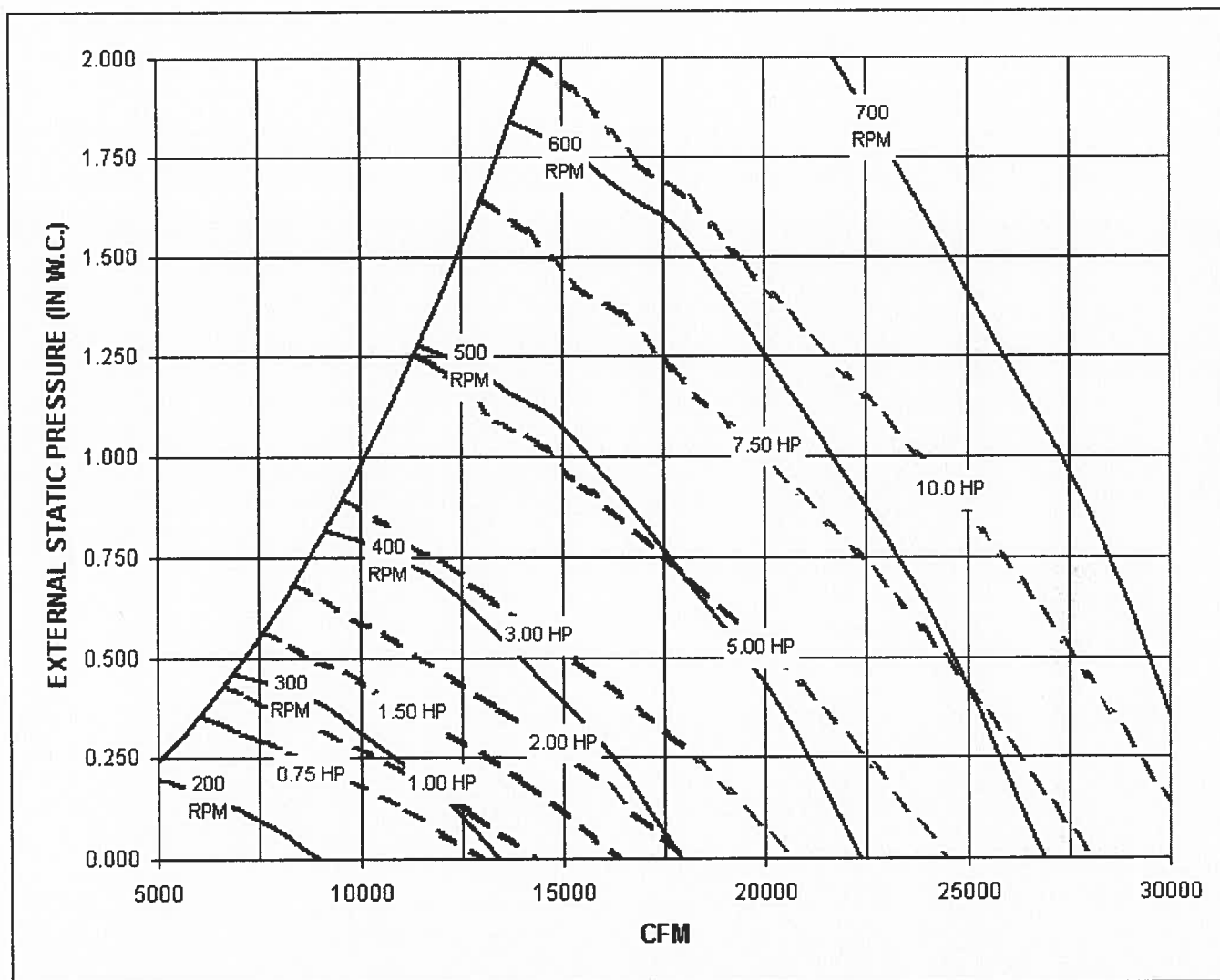
ISQ335BC-T Performance Curve

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses.

ISQ420BC-T Performance Table

CFM	Static Pressure in Inches W.G.					
	0.000	0.250	0.500	0.750	1.000	1.500
	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
10000	224 4.6 / 0.34	286 6.1 / 0.95	339 7.8 / 1.70	392 10.3 / 2.56		
15000	335 9.5 / 1.15	378 11.8 / 1.98	419 12.4 / 2.95	456 14.4 / 4.01	491 15.4 / 5.14	561 18.6 / 7.62
20000	447 17.3 / 2.72	478 18.8 / 3.79	511 20 / 4.98	543 22 / 6.26	572 19.2 / 7.60	
25000	559 24 / 5.32	583 25 / 6.62	609 27 / 8.03	636 29 / 9.53		
30000	670 29 / 9.19					

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses. The sound ratings shown are loudness values in sones at 5 ft (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type B: free inlet fan sone levels. Ratings do not include the effect of duct end correction.

ISQ420BC-T Performance Curve

Performance shown is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes drive losses.