

RA-SIF18DD Performance Table

RA-SIF18DD

CFM	Static Pressure in Inches W.G.								
	0.000	0.500	1.000	1.500	2.000	2.500	3.000	3.500	4.000
	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
1000		669 6.0 / 0.22	928 10.2 / 0.49	1131 14.3 / 0.81	1304 18.0 / 1.17	1453 21 / 1.55	1587 25 / 1.96	1712 28 / 2.41	1828 31 / 2.88
1600		743 7.2 / 0.32	962 10.9 / 0.66	1151 14.7 / 1.06	1318 18.4 / 1.50	1468 22 / 1.96	1605 25 / 2.45	1730 28 / 2.96	1848 31 / 3.50
2200	641 6.0 / 0.19	859 9.0 / 0.50	1041 12.4 / 0.88	1205 15.8 / 1.34	1355 19.3 / 1.84	1494 22 / 2.38	1624 26 / 2.95	1746 29 / 3.55	1861 32 / 4.17
2800	816 9.0 / 0.38	995 11.5 / 0.76	1151 14.7 / 1.20	1293 17.8 / 1.70	1425 21 / 2.25	1550 24 / 2.84	1670 27 / 3.48	1782 30 / 4.14	1891 32 / 4.83
3400	990 12.3 / 0.68	1143 14.6 / 1.14	1279 17.4 / 1.63	1404 20 / 2.17	1521 23 / 2.77	1633 26 / 3.41	1741 28 / 4.09	1845 31 / 4.81	
4000	1165 16.2 / 1.11	1297 18.1 / 1.65	1417 21 / 2.20	1530 23 / 2.80	1636 26 / 3.44	1738 28 / 4.13	1835 31 / 4.85		
4600	1340 20 / 1.69	1456 22 / 2.31	1564 24 / 2.93	1665 27 / 3.59	1762 29 / 4.28				
5200	1515 25 / 2.45	1618 26 / 3.14	1716 28 / 3.84	1809 30 / 4.56					
5800	1689 30 / 3.39	1782 31 / 4.17	1872 33 / 4.94						
6400	1864 35 / 4.56								

Max Sizeable RPM = 1900 RPM. Table shown extended beyond this point for reference only.

Motor DTP0016 has an rpm range of 600 to 1150.

Motor DTP0016-50 has an rpm range of 600 to 958.

Motor DTP0024 has an rpm range of 600 to 1740.

Motor DTP0024-50HZ has an rpm range of 600 to 1415.

Motor DTP0034 has an rpm range of 600 to 1755.

Motor DTP0034-50HZ has an rpm range of 600 to 1438.

Motor DTP0054 has an rpm range of 600 to 1750.

Motor DTP0054-50 has an rpm range of 600 to 1435.

Motor DTP1/56 has an rpm range of 600 to 1150.

Motor GT0113 has an rpm range of 600 to 1765.

Performance shown is certified for Installation Type B: Free inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) includes transmission 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. Installation type B: free inlet hemispherical sone levels. Ratings do not include the effect of duct end correction.

Catalog #110R

May 2021