

RA-SIF18DD-HE Performance Table

RA-SIF18DD-HE

CFM	Static Pressure in Inches W.G.						
	0.000	0.500	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
1000		784 5.0 / 0.16	1072 8.5 / 0.38	1295 11.6 / 0.64	1484 14.5 / 0.95		
1500		843 5.7 / 0.21	1118 9.1 / 0.47	1337 12.2 / 0.77	1523 15.1 / 1.10	1687 17.6 / 1.46	1838 20 / 1.85
2000	607 3.9 / 0.05	921 6.6 / 0.28	1175 9.9 / 0.58	1386 13.0 / 0.91	1569 15.8 / 1.28	1732 18.3 / 1.68	
2500	758 5.7 / 0.10	1018 7.8 / 0.37	1248 10.9 / 0.70	1446 13.9 / 1.08	1622 16.6 / 1.49	1781 19.1 / 1.92	
3000	910 7.7 / 0.17	1128 9.5 / 0.48	1333 12.2 / 0.85	1518 15.0 / 1.27	1685 17.6 / 1.72		
3500	1061 9.7 / 0.27	1250 11.6 / 0.61	1431 13.6 / 1.02	1601 16.3 / 1.48	1759 18.7 / 1.97		
4000	1213 12.1 / 0.40	1377 13.8 / 0.79	1540 15.7 / 1.23	1696 17.8 / 1.73			
4500	1364 14.5 / 0.57	1511 16.3 / 1.00	1657 17.9 / 1.48				
5000	1516 17.0 / 0.79	1647 18.7 / 1.25	1779 20 / 1.77				
5500	1667 19.6 / 1.05	1787 21 / 1.55					
6000	1819 22 / 1.36	1929 24 / 1.91					

Max Sizeable RPM = 2600 RPM. Table shown extended beyond this point for reference only.

Motor DTP0014 has an rpm range of 600 to 1750.

Motor DTP0014-50HZ has an rpm range of 600 to 1429.

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 DTP1/54 has an rpm range of 600 to 1750.

Motor DTP1/54-50HZ has an rpm range of 600 to 1426.

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

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