

# RA-SIF30DD-HE Performance Table

## RA-SIF30DD-HE

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	4.500	5.000
	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	RPM Sone/BHP	RPM Sone/BHP
5000		541 8.7 / 0.73	699 13.3 / 1.52	825 17.6 / 2.42	933 22 / 3.41	1029 26 / 4.49	1115 29 / 5.64	1195 32 / 6.87	1269 35 / 8.17	1340 39 / 9.53	1406 42 / 10.95
7000	479 8.6 / 0.37	629 11.4 / 1.12	763 15.4 / 2.05	881 19.6 / 3.11	986 24 / 4.26	1080 27 / 5.49	1166 31 / 6.79	1244 34 / 8.16	1318 38 / 9.59	1387 41 / 11.08	1453 44 / 12.63
9000	615 12.9 / 0.78	737 15.5 / 1.70	846 18.6 / 2.77	950 22 / 3.97	1047 26 / 5.28	1137 30 / 6.67	1220 33 / 8.13	1297 37 / 9.66	1370 40 / 11.24	1439 43 / 12.88	1504 47 / 14.58
11000	752 17.8 / 1.43	854 20 / 2.51	947 23 / 3.73	1035 26 / 5.07	1121 29 / 6.52	1203 32 / 8.06	1281 36 / 9.68	1356 39 / 11.37	1426 43 / 13.12	1493 46 / 14.92	
13000	888 24 / 2.35	977 26 / 3.61	1057 28 / 4.99	1135 30 / 6.47	1210 33 / 8.06	1283 36 / 9.74	1354 39 / 11.51	1423 43 / 13.34			
15000	1025 30 / 3.61	1103 32 / 5.05	1175 34 / 6.59	1243 36 / 8.22	1309 38 / 9.95	1375 41 / 11.77	1439 44 / 13.67				
17000	1161 36 / 5.26	1232 38 / 6.88	1296 40 / 8.58	1358 42 / 10.37	1417 45 / 12.25	1476 47 / 14.21					
19000	1298 43 / 7.34	1362 46 / 9.15	1420 48 / 11.02	1476 50 / 12.97	1531 52 / 15.00						
21000	1435 51 / 9.91	1493 54 / 11.90	1547 56 / 13.94								
23000	1571 60 / 13.02										

Max Sizeable RPM = 1600 RPM. Table shown extended beyond this point for reference only.

Motor DTP0106 has an rpm range of 400 to 1150.

Motor DTP0154 has an rpm range of 438 to 1600.

Motor DTP0154-50 has an rpm range of 400 to 1454.

Motor DTP7/56 has an rpm range of 400 to 1150.

Motor DTP7/56-50 has an rpm range of 400 to 958.

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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