

## RA-SIF10DD-SS Performance Table

### RA-SIF10DD-SS

CFM	Static Pressure in Inches W.G.				
	0.000	0.250	0.500	0.750	1.000
	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
100		847 3.9 / 0.02	1176 7.1 / 0.05		
200		917 4.5 / 0.03	1235 7.8 / 0.06	1481 10.8 / 0.11	1695 13.6 / 0.16
300	570 1.7 / 0.01	1014 5.4 / 0.05	1316 8.8 / 0.08	1554 11.8 / 0.13	1754 14.4 / 0.18
400	759 3.4 / 0.02	1136 6.8 / 0.08	1413 10.0 / 0.12	1639 13.0 / 0.17	
500	949 5.2 / 0.05	1272 8.6 / 0.11	1529 11.7 / 0.17	1742 14.2 / 0.23	
600	1136 7.1 / 0.08	1418 10.7 / 0.15	1653 13.6 / 0.24		
700	1326 9.6 / 0.13	1573 13.3 / 0.21			
800	1515 12.5 / 0.19				

Max Sizeable RPM = 1800 RPM. Table shown extended beyond this point for reference only.

Motor BMN42-180I1-50-115 has an rpm range of 300 to 1800.

Motor BMN42-180I1-60-115 has an rpm range of 300 to 1800.

Motor BMN42-180I2-50-230/277 has an rpm range of 300 to 1800.

Motor BMN42-180I2-60-230/277 has an rpm range of 300 to 1800.

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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