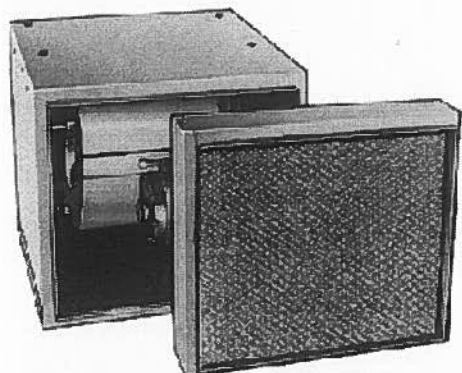


R200 SERIES

INLINE DUCT BLOWER



- Air Volume: 300 - 3000 cfm
- Maximum SP: 2.5" wg. @ standard air density

FEATURES & BENEFITS

- Ceiling or Inline Fan.
- UL705.
- AMCA Sound and Air Licensed.
- Thermal Overload Protection (Single Phase).

OPTIONS

- Vibration Isolation.
- Insulated Housing.
- Disconnect Switch.
- Intake Filter.

ACCESSORIES

Rupp Air certifies that Models R207 thru R210 are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and Publication 311, and comply with the requirements of the AMCA Certified Rating Program.

Models R207 thru R210 are UL705 Listed.

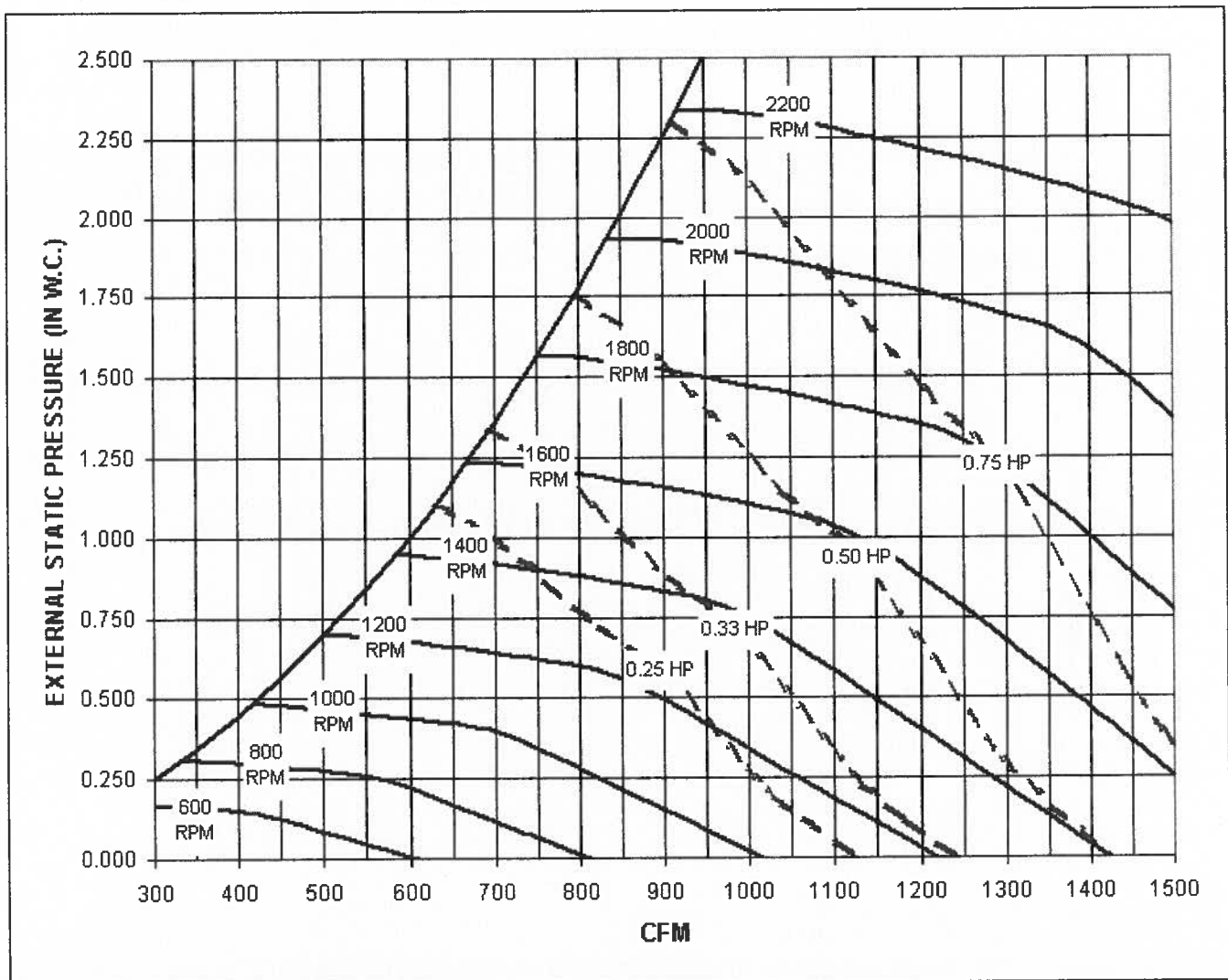


Catalog #109
July 2004

R207 Performance Table

CFM	Static Pressure in Inches W.G.								
	0.000	0.250	0.500	0.750	1.000	1.250	1.500	1.750	2.000
	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
600	593 3 / 0.04	824 5.3 / 0.07	1049 10 / 0.12	1255 13.1 / 0.16	1435 15.5 / 0.19				
700	691 4.1 / 0.06	895 7.4 / 0.10	1084 11 / 0.15	1275 13.4 / 0.20	1452 15.7 / 0.25	1609 19.3 / 0.29			
800	790 6.1 / 0.09	976 10.1 / 0.14	1136 12.6 / 0.19	1303 13.7 / 0.24	1471 16 / 0.31	1626 19.8 / 0.36	1766 25 / 0.41	1900 30 / 0.45	
900	888 8.5 / 0.13	1060 12.8 / 0.19	1200 13.9 / 0.23	1347 14.6 / 0.29	1498 16.4 / 0.36	1645 20 / 0.43	1786 25 / 0.50	1915 31 / 0.55	2036 37 / 0.60
1000	986 11.3 / 0.17	1147 14.8 / 0.24	1274 15.5 / 0.29	1403 16.1 / 0.35	1538 17.4 / 0.43	1672 21 / 0.50	1805 26 / 0.58	1934 32 / 0.66	2053 38 / 0.72
1100	1085 14.2 / 0.23	1237 16.3 / 0.31	1353 17.2 / 0.37	1469 17.7 / 0.43	1587 19.7 / 0.50	1711 23 / 0.58	1833 27 / 0.66	1957 33 / 0.75	
1200	1182 16.1 / 0.30	1327 17.9 / 0.40	1435 19.1 / 0.45	1540 20 / 0.51	1648 23 / 0.59	1760 26 / 0.67			
1300	1281 17.9 / 0.38	1421 19.7 / 0.49	1522 21 / 0.56	1619 24 / 0.62	1717 26 / 0.69				
1400	1379 19.8 / 0.48	1514 22 / 0.60	1609 25 / 0.67	1701 28 / 0.74					
1500	1478 22 / 0.59	1606 25 / 0.73							

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) does not include drive losses. The sound ratings shown are loudness values in fan 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.

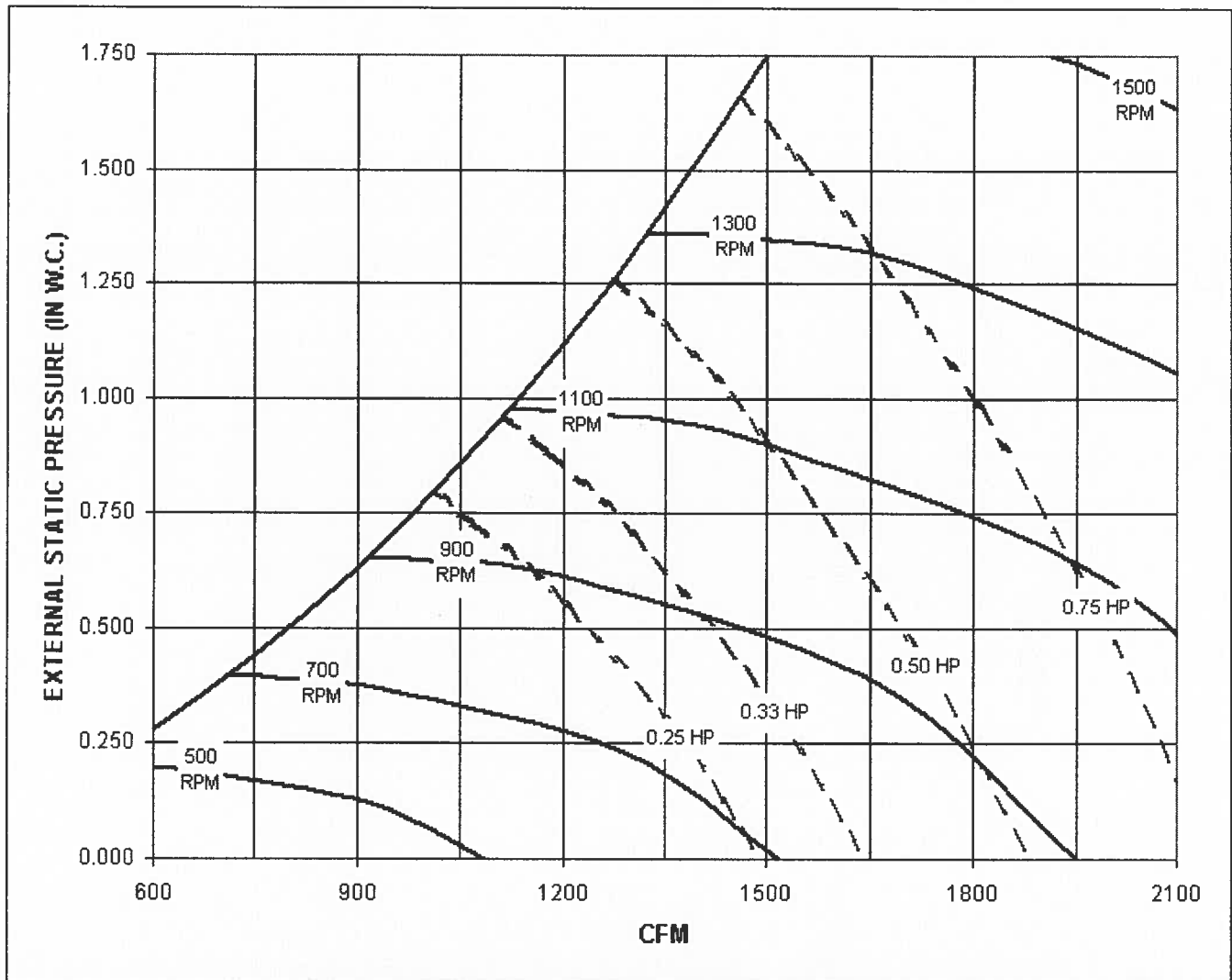
R207 Performance Curve

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) does not include drive losses.

R209 Performance Table

CFM	Static Pressure in Inches W.G.							
	0.000	0.250	0.500	0.750	1.000	1.250	1.500	1.750
	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
900	416 1.6 / 0.06	598 2.7 / 0.09	801 5.6 / 0.13					
1200	554 3.5 / 0.13	666 4.1 / 0.17	832 6.1 / 0.23	985 8.8 / 0.28	1133 11.7 / 0.34			
1500	693 5.7 / 0.25	785 6.4 / 0.31	901 7.9 / 0.37	1024 9.6 / 0.44	1147 11.9 / 0.50	1269 14.2 / 0.57	1388 16.6 / 0.64	1500 19.1 / 0.71
1800	831 8.3 / 0.44	904 8.9 / 0.51	995 10.2 / 0.58	1094 11.7 / 0.65	1196 12.9 / 0.73			
2100	969 11.4 / 0.70							

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) does not include drive losses. The sound ratings shown are loudness values in fan 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.

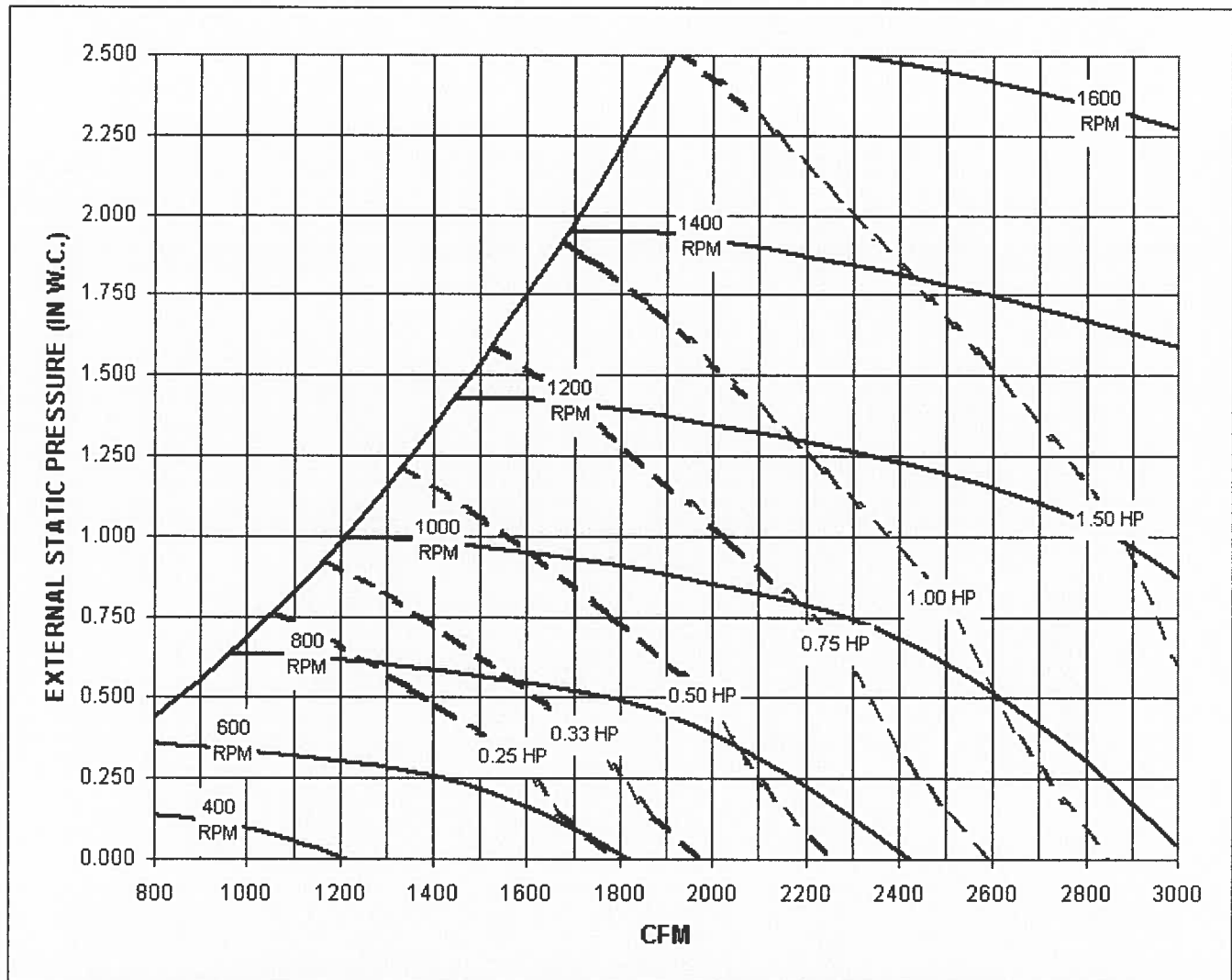
R209 Performance Curve

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) does not include drive losses.

R210 Performance Table

CFM	Static Pressure in Inches W.G.								
	0.000	0.250	0.500	0.750	1.000	1.250	1.500	1.750	2.000
	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	331 2.5 / 0.04	532 4.2 / 0.09	713 7.5 / 0.16						
1200	396 3.7 / 0.07	556 4.9 / 0.13	731 8.3 / 0.20	871 12 / 0.28					
1400	462 5 / 0.12	593 6.2 / 0.18	750 9.1 / 0.26	889 13 / 0.35	1006 15.5 / 0.43	1115 18.2 / 0.52			
1600	528 6.3 / 0.18	639 7.7 / 0.24	773 10.2 / 0.32	908 13.9 / 0.42	1025 16.3 / 0.53	1128 18.7 / 0.62	1224 21 / 0.72	1317 24 / 0.83	
1800	594 7.9 / 0.25	692 9.7 / 0.33	804 11.7 / 0.40	928 14.7 / 0.51	1044 17.2 / 0.63	1147 19.6 / 0.74	1241 22 / 0.85	1327 25 / 0.96	1412 28 / 1.08
2000	660 9.8 / 0.34	747 11.9 / 0.44	843 13.6 / 0.51	952 15.7 / 0.61	1063 18 / 0.74	1166 20 / 0.87	1259 23 / 1.00	1345 25 / 1.12	1426 29 / 1.24
2200	726 12.1 / 0.46	806 14.3 / 0.57	889 15.7 / 0.64	983 17 / 0.74	1085 19 / 0.86	1185 21 / 1.00	1278 24 / 1.15	1364 27 / 1.29	1444 30 / 1.43
2400	792 14.6 / 0.59	865 16.5 / 0.72	939 17.8 / 0.80	1022 18.7 / 0.89	1112 20 / 1.01	1206 22 / 1.15	1297 25 / 1.31	1382 28 / 1.47	
2600	858 17.1 / 0.76	926 18.8 / 0.90	993 19.9 / 0.99	1066 20 / 1.08	1146 22 / 1.19	1231 24 / 1.33	1318 26 / 1.49		
2800	924 19.7 / 0.94	987 21 / 1.10	1049 22 / 1.21	1115 23 / 1.30	1186 24 / 1.41				
3000	990 22 / 1.16	1049 23 / 1.33	1107 24 / 1.45						

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) does not include drive losses. The sound ratings shown are loudness values in fan 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.

R210 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) does not include drive losses.