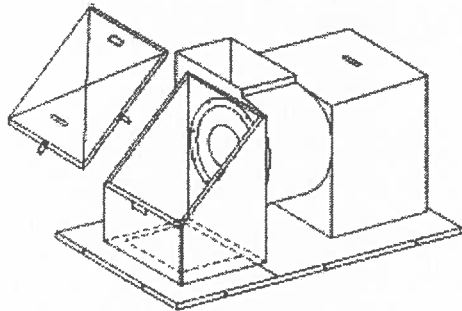


CMRE-RA
UTILITY SET - RESTAURANT DUTY



- ☐ Air Volume: 1 - 15000 cfm
- ☐ Maximum SP: 5" wg. @ standard air density

FEATURES & BENEFITS

- ☐ Weatherproof Disconnect Switch.
- ☐ 2" Grease Drain.
- ☐ Shaft Grease Seal.
- ☐ Counter Clockwise Rotation.

OPTIONS

- ☐ Grease Cup.

CERTIFICATIONS

Rupp Air certifies that Model CMRE-13-RA thru CMRE-24-RA shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

Models CMRE-RA are list under UL 762.

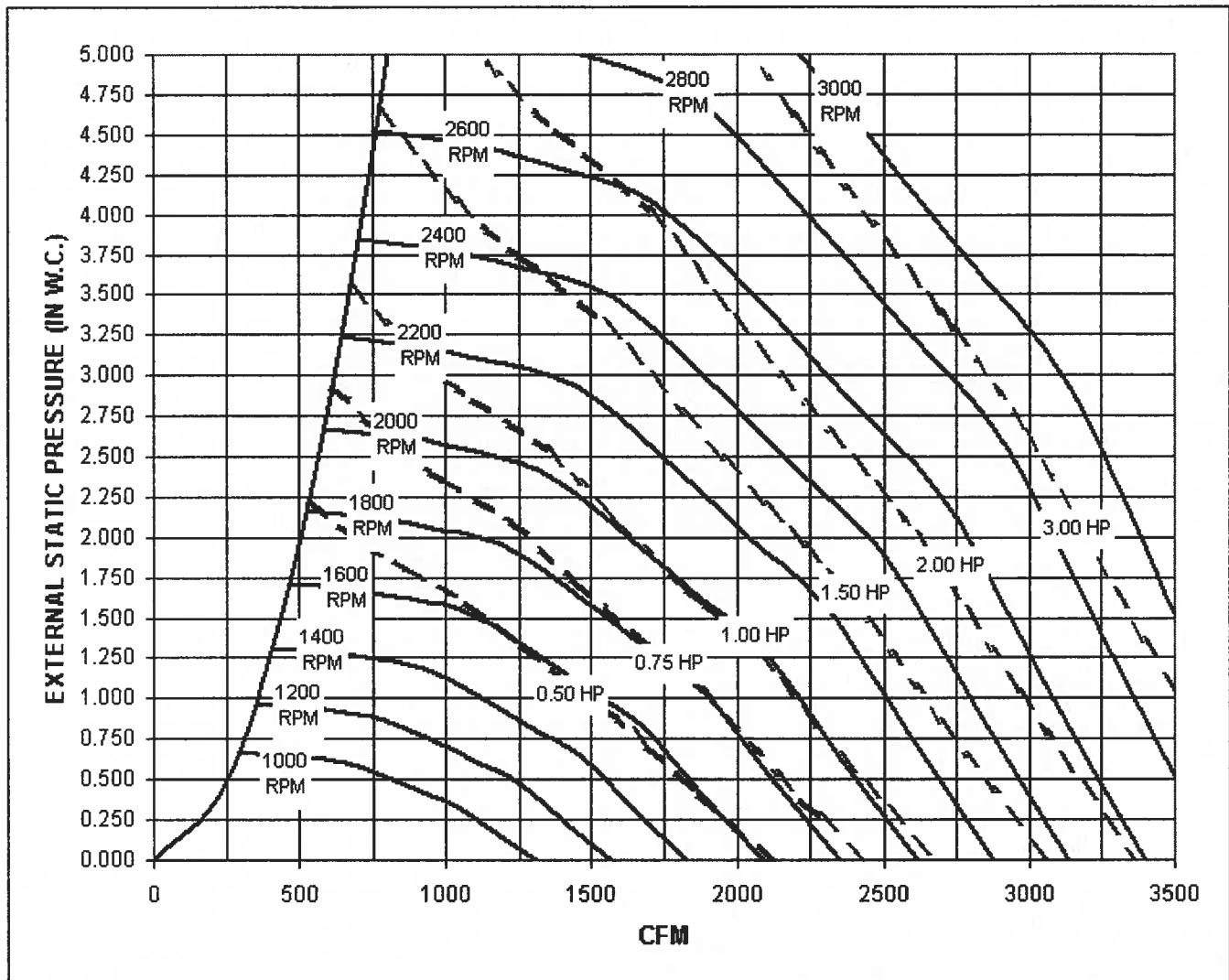


Catalog #109
July 2004

CMRE-13-RA Performance Table

CFM	OV FPM	Static Pressure in Inches W.G.								
		0.000	0.500	1.000	1.500	2.000	2.500	3.000	3.500	R
		RPM/BHP	RPM/BHP	RPM/BHP	RPM/BHP	RPM/BHP	RPM/BHP	RPM/BHP	RPM/BHP	
1500	1398	1149 / 0.18	1376 / 0.33	1577 / 0.50	1763 / 0.68	1935 / 0.89	2098 / 1.10	2252 / 1.33	2396 / 1.57	253
2000	1864	1533 / 0.42	1706 / 0.62	1869 / 0.83	2022 / 1.05	2167 / 1.29	2307 / 1.54	2439 / 1.80	2567 / 2.07	268
2500	2330	1916 / 0.82	2056 / 1.07	2191 / 1.32	2321 / 1.59	2446 / 1.87	2564 / 2.15	2682 / 2.45	2793 / 2.75	
3000	2796	2299 / 1.42	2417 / 1.71	2532 / 2.01	2643 / 2.33	2752 / 2.65	2857 / 2.97			
3500	3261	2682 / 2.25	2782 / 2.59	2883 / 2.94						

Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include drive losses.

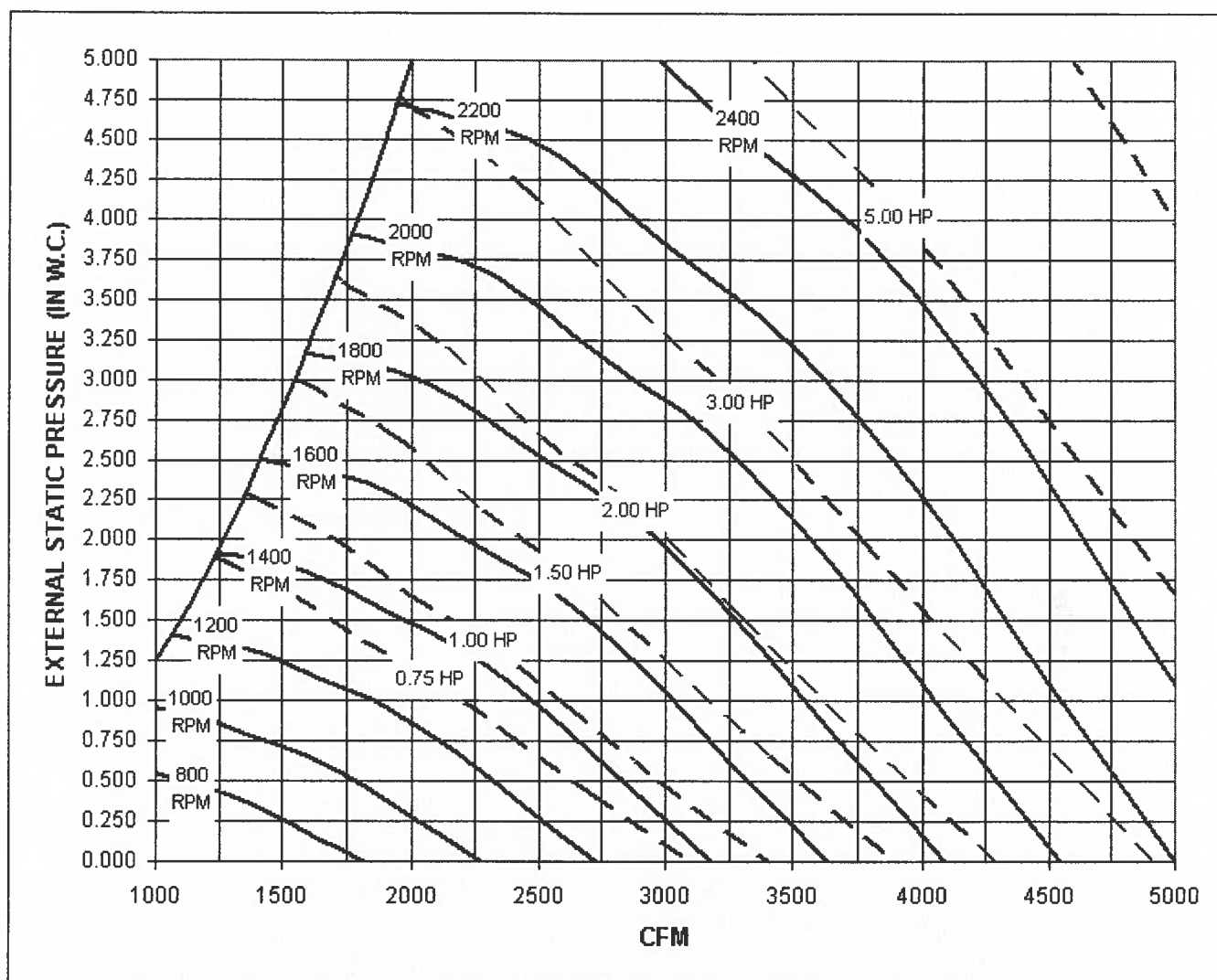
CMRE-13-RA Performance Curve

Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include drive losses.

CMRE-16-RA Performance Table

CFM	OV FPM	Static Pressure in Inches W.G.								
		0.000	0.500	1.000	1.500	2.000	2.500	3.000	3.500	
		RPM/BHP	RPM/BHP	RPM/BHP	RPM/BHP	RPM/BHP	RPM/BHP	RPM/BHP	RPM/BHP	RPM/BHP
2000	1245	880 / 0.20	1075 / 0.42	1243 / 0.65	1403 / 0.91	1547 / 1.18	1675 / 1.47	1794 / 1.76	1903 / 2.06	2011 / 2.34
2500	1556	1100 / 0.40	1268 / 0.67	1403 / 0.93	1538 / 1.23	1668 / 1.55	1791 / 1.88	1905 / 2.22	2013 / 2.58	2111 / 2.94
3000	1867	1319 / 0.69	1469 / 1.02	1585 / 1.33	1698 / 1.66	1809 / 2.01	1919 / 2.38	2027 / 2.77	2129 / 3.17	2227 / 3.53
3500	2179	1539 / 1.09	1676 / 1.49	1779 / 1.85	1876 / 2.21	1972 / 2.59	2069 / 3.00	2163 / 3.42	2258 / 3.87	2344 / 4.23
4000	2490	1758 / 1.62	1885 / 2.10	1979 / 2.51	2066 / 2.92	2151 / 3.34	2235 / 3.77	2319 / 4.23		
4500	2801	1979 / 2.32	2096 / 2.86	2183 / 3.33	2264 / 3.79	2340 / 4.25				
5000	3112	2199 / 3.18	2308 / 3.80	2391 / 4.33						

Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include drive losses.

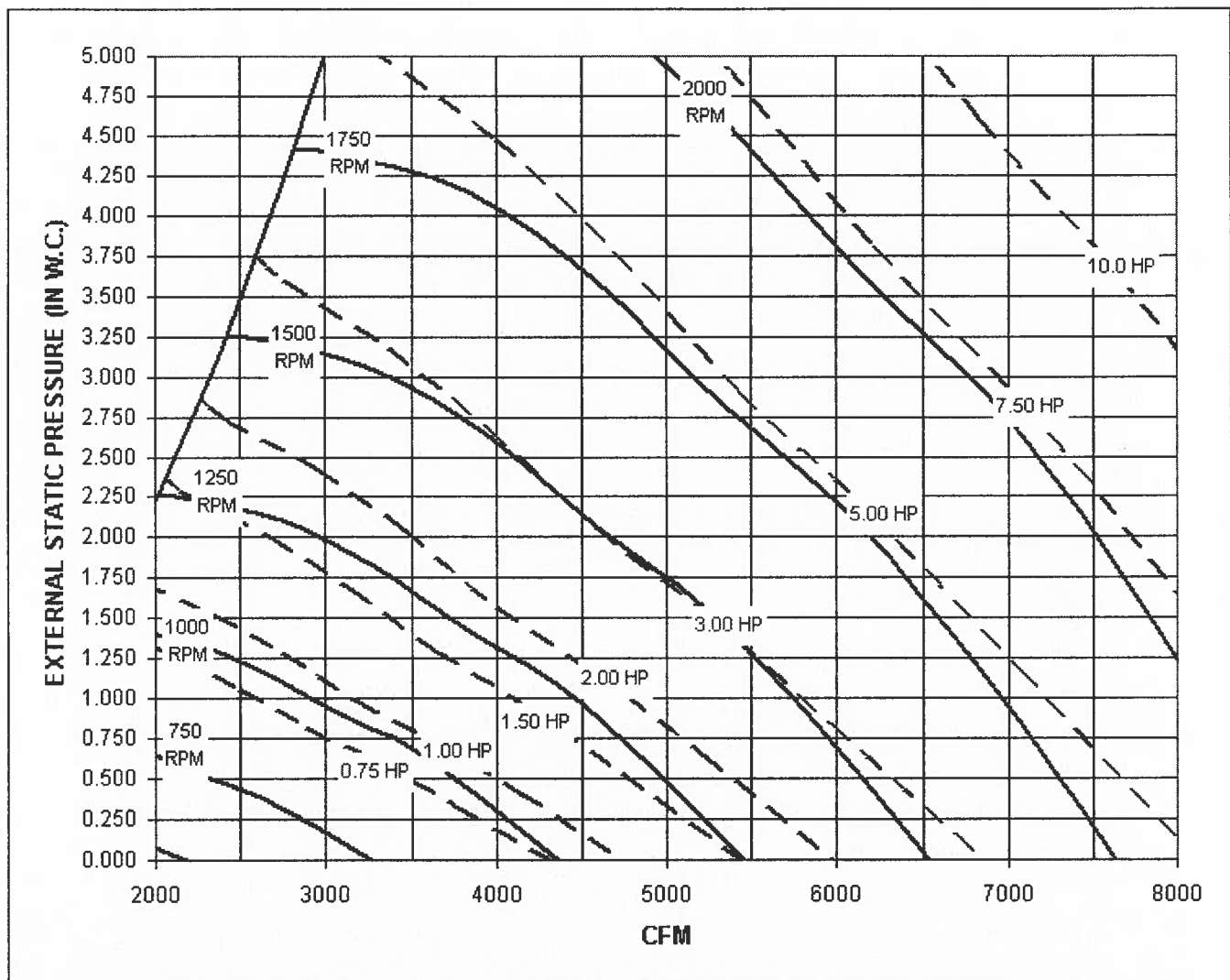
CMRE-16-RA Performance Curve

Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include drive losses.

CMRE-20-RA Performance Table

CFM	OV FPM	Static Pressure in Inches W.G.								RPM/BHP
		0.000	0.500	1.000	1.500	2.000	2.500	3.000	3.500	
2000	861	459 / 0.08	694 / 0.30	873 / 0.56	1031 / 0.87	1177 / 1.22				
3000	1291	689 / 0.25	861 / 0.57	1009 / 0.92	1136 / 1.28	1253 / 1.68	1364 / 2.11	1470 / 2.57	1572 / 3.06	167
4000	1721	918 / 0.60	1048 / 1.01	1175 / 1.46	1287 / 1.91	1389 / 2.38	1484 / 2.87	1574 / 3.38	1661 / 3.91	174
5000	2151	1147 / 1.17	1249 / 1.66	1356 / 2.21	1457 / 2.78	1549 / 3.34	1636 / 3.92	1716 / 4.50	1794 / 5.10	186
6000	2582	1376 / 2.03	1460 / 2.59	1549 / 3.23	1638 / 3.90	1722 / 4.58	1802 / 5.26	1877 / 5.94	1949 / 6.63	
7000	3012	1606 / 3.22	1676 / 3.87	1752 / 4.58	1829 / 5.35	1905 / 6.13				
8000	3442	1835 / 4.81	1896 / 5.54							

Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include drive losses.

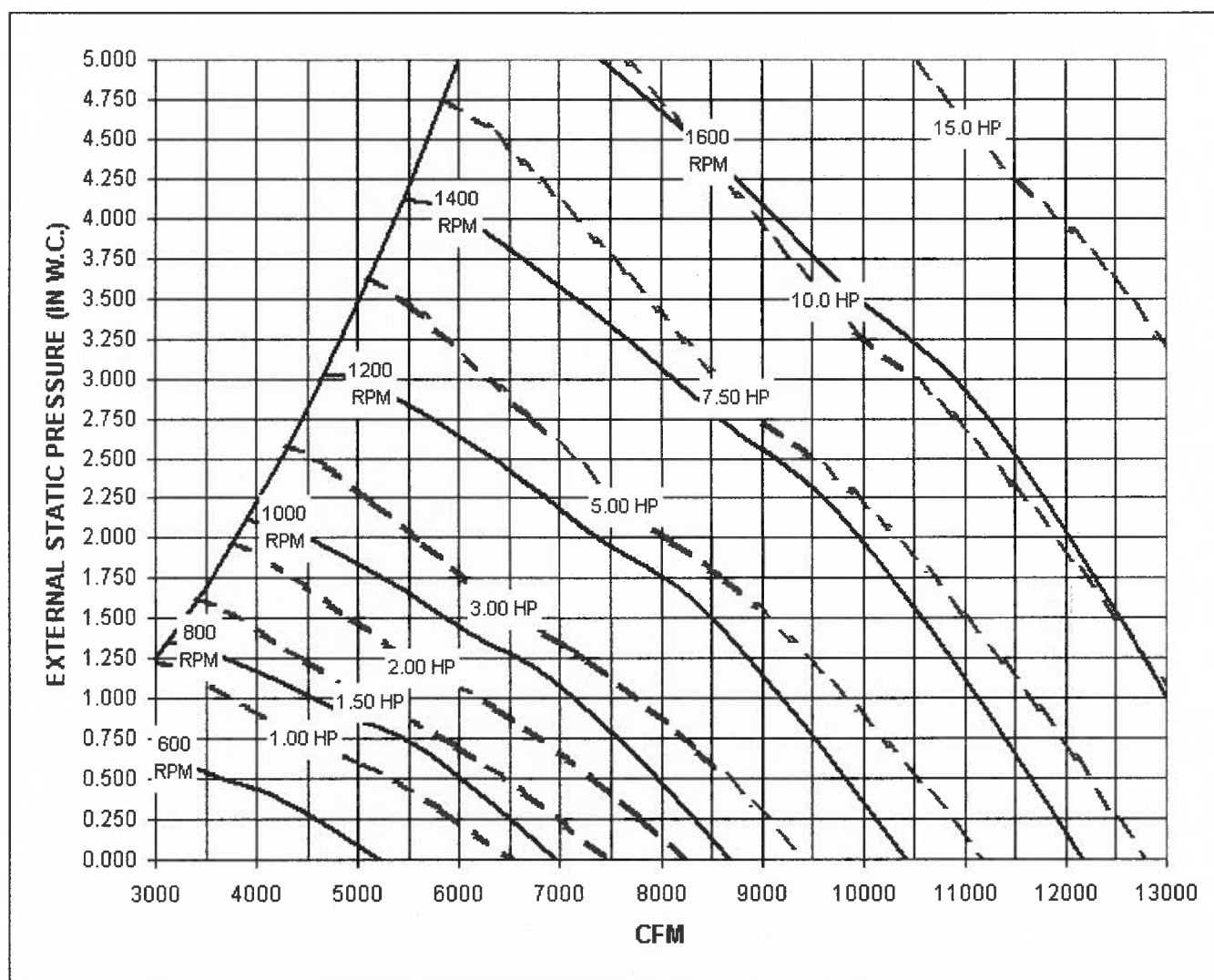
CMRE-20-RA Performance Curve

Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include drive losses.

CMRE-24-RA Performance Table

CFM	OV FPM	Static Pressure in Inches W.G.							
		0.000	0.500	1.000	1.500	2.000	2.500	3.000	3.500
		RPM/BHP	RPM/BHP	RPM/BHP	RPM/BHP	RPM/BHP	RPM/BHP	RPM/BHP	RPM/BHP
5000	1429	576 / 0.45	703 / 0.89	828 / 1.45	938 / 2.04	1033 / 2.64	1118 / 3.26	1196 / 3.91	
6000	1715	691 / 0.77	797 / 1.27	903 / 1.90	1006 / 2.59	1098 / 3.29	1182 / 4.01	1258 / 4.73	1328 / 5.48
7000	2001	806 / 1.23	898 / 1.79	988 / 2.47	1079 / 3.24	1166 / 4.04	1248 / 4.86	1323 / 5.69	1392 / 6.52
8000	2287	921 / 1.83	1002 / 2.45	1081 / 3.19	1160 / 4.02	1240 / 4.91	1316 / 5.83	1389 / 6.76	1457 / 7.70
9000	2573	1037 / 2.61	1109 / 3.29	1179 / 4.08	1249 / 4.97	1320 / 5.92	1390 / 6.93	1459 / 7.96	1525 / 9.01
10000	2859	1152 / 3.58	1217 / 4.32	1280 / 5.17	1343 / 6.11	1407 / 7.12	1470 / 8.19	1534 / 9.31	1596 / 10.45
11000	3144	1267 / 4.77	1327 / 5.57	1384 / 6.47	1441 / 7.47	1499 / 8.53	1557 / 9.66		
12000	3430	1382 / 6.19	1437 / 7.05	1490 / 8.01	1542 / 9.06	1595 / 10.18			
13000	3716	1497 / 7.87	1548 / 8.79	1597 / 9.82					

Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of a in the airstream. Power rating (BHP) does not include drive losses.

CMRE-24-RA Performance Curve

Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include drive losses.