

# BDCR15RA

| 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               | 2.250               |
|      | RPM<br>Sone/BHP                | RPM<br>Sone/BHP     | RPM<br>Sone/BHP     | RPM<br>Sone/BHP     | RPM<br>Sone/BHP     | RPM<br>Sone/BHP     | RPM<br>Sone/BHP     | RPM<br>Sone/BHP     | RPM<br>Sone/BHP     | RPM<br>Sone/BHP     |
| 1200 |                                |                     | 787<br>4.2 / 0.19   | 904<br>5.7 / 0.28   | 1009<br>6.9 / 0.38  |                     |                     |                     |                     |                     |
| 1600 |                                | 771<br>5.5 / 0.17   | 887<br>6.6 / 0.27   | 994<br>6.9 / 0.38   | 1091<br>8.6 / 0.50  | 1178<br>11.5 / 0.62 | 1260<br>12.4 / 0.75 | 1337<br>12.7 / 0.88 |                     |                     |
| 2000 | 802<br>7.1 / 0.16              | 908<br>8.3 / 0.27   | 1005<br>9.2 / 0.38  | 1098<br>9.0 / 0.51  | 1186<br>11.5 / 0.64 | 1268<br>12.4 / 0.79 | 1345<br>12.8 / 0.94 | 1416<br>13.3 / 1.09 | 1485<br>13.9 / 1.24 | 1550<br>14.6 / 1.40 |
| 2400 | 962<br>10.0 / 0.28             | 1053<br>9.9 / 0.41  | 1136<br>13.2 / 0.54 | 1215<br>12.9 / 0.67 | 1293<br>14.7 / 0.83 | 1368<br>14.4 / 0.99 | 1440<br>14.1 / 1.15 | 1508<br>14.1 / 1.33 | 1574<br>14.9 / 1.50 |                     |
| 2800 | 1122<br>12.2 / 0.44            | 1202<br>14.0 / 0.60 | 1274<br>16.0 / 0.74 | 1344<br>16.7 / 0.89 | 1413<br>17.4 / 1.06 | 1479<br>17.6 / 1.23 | 1545<br>18.0 / 1.41 |                     |                     |                     |
| 3200 | 1282<br>16.7 / 0.66            | 1354<br>17.7 / 0.84 | 1418<br>18.5 / 1.00 | 1480<br>19.2 / 1.17 | 1541<br>19.9 / 1.35 |                     |                     |                     |                     |                     |
| 3600 | 1442<br>19.5 / 0.94            | 1507<br>20 / 1.14   | 1565<br>21 / 1.33   |                     |                     |                     |                     |                     |                     |                     |
| 4000 | 1603<br>23 / 1.30              |                     |                     |                     |                     |                     |                     |                     |                     |                     |

**Max Sizeable RPM = 1900 RPM. Table shown extended beyond this point for reference only.**

Performance shown is certified 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 transmission 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 A: Free inlet hemispherical sone levels.

Catalog #109C

August 2021