



Loren Cook Company certifies that the VCR, VCR-HP and VCR-XP 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 AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



**COOK**



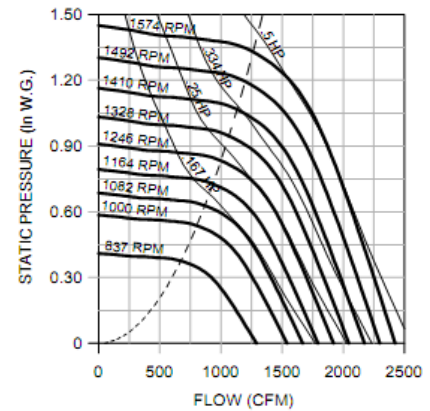
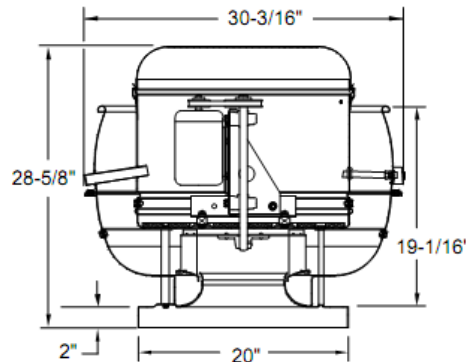
Type VCR, VCR-HP, VCR-XP are furnished standard with UL 762 and cUL 762 listings (Power Ventilator for Restaurant Exhaust Appliances/YZHW) when furnished with factory supplied motor.

### 135 VCR

Wheel Diameter - 13.5"  
Tip Speed (FPM) - 3.5 x RPM  
Maximum RPM - 1574  
Maximum BHP - .13 x (RPM/1000)<sup>3</sup>  
Maximum Motor Frame - 56  
Approx. Ship Wt. (Less Motor) - 66 lbs.  
Roof Curb - RCG, RCA - 18  
Roof Opening - 15-1/2 inches

#### Material Gauges

Top Cap Lid - .050  
Top Cap Cylinder - .040  
Baffle - .063  
Base - .063



### 135 VCR

| Catalog Number | Mtr. HP/ Drv. Wt.  | Fan RPM | Tip Speed | 0.000" SP |     | 0.125" SP |     | 0.250" SP |     | 0.375" SP |     | 0.500" SP |     | 0.625" SP |     | 0.750" SP |     | 0.875" SP |     | 1.000" SP |     | 1.250" SP |     | 1.500" SP |     |
|----------------|--------------------|---------|-----------|-----------|-----|-----------|-----|-----------|-----|-----------|-----|-----------|-----|-----------|-----|-----------|-----|-----------|-----|-----------|-----|-----------|-----|-----------|-----|
|                |                    |         |           | Sone      | BHP | Sone      | BHP | Sone      | BHP | Sone      | BHP | Sone      | BHP | Sone      | BHP | Sone      | BHP | Sone      | BHP | Sone      | BHP | Sone      | BHP | Sone      | BHP |
| 135V2B         | 1/6<br><br>15 lbs. | 837     | 2958      | 1289      |     | 1152      |     | 1001      |     | 676       |     |           |     |           |     |           |     |           |     |           |     |           |     |           |     |
|                |                    |         |           | 5.7       | .06 | 5.6       | .07 | 5.0       | .08 | 4.4       | .07 |           |     |           |     |           |     |           |     |           |     |           |     |           |     |
|                |                    | 957     | 3382      | 1474      |     | 1355      |     | 1230      |     | 1081      |     |           |     |           |     |           |     |           |     |           |     |           |     |           |     |
|                |                    |         |           | 7.6       | .10 | 7.5       | .11 | 7.1       | .11 | 6.5       | .11 |           |     |           |     |           |     |           |     |           |     |           |     |           |     |
| 135V3B         | 1/4<br><br>15 lbs. | 1078    | 3809      | 1660      |     | 1555      |     | 1447      |     | 1330      |     | 1184      |     |           |     |           |     |           |     |           |     |           |     |           |     |
|                |                    |         |           | 9.8       | .14 | 9.8       | .15 | 9.5       | .16 | 8.9       | .16 | 8.3       | .16 |           |     |           |     |           |     |           |     |           |     |           |     |
|                |                    | 1132    | 4000      | 1744      |     | 1643      |     | 1541      |     | 1432      |     | 1308      |     | 1113      |     |           |     |           |     |           |     |           |     |           |     |
|                |                    |         |           | 11.0      | .16 | 11.0      | .17 | 10.7      | .18 | 10.1      | .18 | 9.5       | .19 | 8.9       | .19 |           |     |           |     |           |     |           |     |           |     |
| 135V4B         | 1/3<br><br>19 lbs. | 1186    | 4191      | 1827      |     | 1731      |     | 1634      |     | 1532      |     | 1420      |     | 1275      |     | 971       |     |           |     |           |     |           |     |           |     |
|                |                    |         |           | 12.2      | .18 | 12.2      | .20 | 12.0      | .21 | 11.5      | .21 | 10.8      | .22 | 10.2      | .22 | 9.7       | .20 |           |     |           |     |           |     |           |     |
|                |                    | 1240    | 4382      | 1910      |     | 1819      |     | 1726      |     | 1629      |     | 1527      |     | 1406      |     | 1219      |     |           |     |           |     |           |     |           |     |
|                |                    |         |           | 13.5      | .21 | 13.5      | .22 | 13.3      | .23 | 12.9      | .24 | 12.2      | .24 | 11.6      | .25 | 11.0      | .24 |           |     |           |     |           |     |           |     |
| 135V5B         | 1/2<br><br>23 lbs. | 1306    | 4615      | 2012      |     | 1925      |     | 1837      |     | 1747      |     | 1652      |     | 1548      |     | 1415      |     | 1182      |     |           |     |           |     |           |     |
|                |                    |         |           | 14.7      | .24 | 14.7      | .26 | 14.6      | .27 | 14.1      | .28 | 13.6      | .28 | 12.9      | .29 | 12.4      | .29 | 12.0      | .28 |           |     |           |     |           |     |
|                |                    | 1371    | 4845      | 2112      |     | 2029      |     | 1946      |     | 1860      |     | 1772      |     | 1677      |     | 1569      |     | 1419      |     | 1130      |     |           |     |           |     |
|                |                    |         |           | 15.7      | .28 | 15.7      | .30 | 15.7      | .31 | 15.3      | .32 | 14.9      | .33 | 14.2      | .33 | 13.8      | .33 | 13.5      | .33 | 13.1      | .30 |           |     |           |     |
| 135V5B         | 1/2<br><br>23 lbs. | 1473    | 5206      | 2269      |     | 2192      |     | 2115      |     | 2036      |     | 1955      |     | 1871      |     | 1781      |     | 1677      |     | 1538      |     |           |     |           |     |
|                |                    |         |           | 17.4      | .35 | 17.4      | .37 | 17.4      | .38 | 17.1      | .40 | 16.8      | .40 | 16.5      | .41 | 16.1      | .41 | 15.7      | .41 | 15.4      | .42 |           |     |           |     |
|                |                    | 1574    | 5562      | 2424      |     | 2353      |     | 2280      |     | 2207      |     | 2132      |     | 2055      |     | 1975      |     | 1889      |     | 1791      |     | 1470      |     |           |     |
|                |                    |         |           | 19.5      | .43 | 19.5      | .45 | 19.5      | .46 | 19.3      | .48 | 19.0      | .49 | 18.7      | .49 | 18.3      | .50 | 18.0      | .50 | 17.7      | .51 | 17.1      | .49 |           |     |

Performance certified is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories) in the airstream. 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 fan sone levels.