

Performance Data

Physical Data: RBV Series

RBV AHRI STANDARD RATINGS

| Model/Size | Coil | | Airflow CFM (Dry Flow) | Cooling Capacity | | Water | | Power Input (Watts) |
|------------|------|-----|------------------------|------------------|-----------|-----------------|-------------|---------------------|
| | Rows | FPI | | QT (BTUH) | QS (BTUH) | Flow Rate (GPM) | WPD (ft-wg) | |
| RBVR 02 | 3 | 10 | 231 | 7210 | 5199 | 1.4 | 14.13 | 45 |
| RBVR 03 | 3 | 10 | 308 | 7940 | 6199 | 1.6 | 4.1 | 60 |
| RBVR 04 | 3 | 10 | 442 | 12170 | 9159 | 2.4 | 8.2 | 70 |
| RBVR 06 | 3 | 10 | 558 | 16479 | 12180 | 3.3 | 6.1 | 80 |
| RBVR 08 | 3 | 10 | 650 | 19500 | 14270 | 3.9 | 8.52 | 114 |
| RBVR 10 | 3 | 10 | 845 | 27000 | 19319 | 5.4 | 18.01 | 132 |
| RBVR 12 | 3 | 10 | 893 | 28379 | 20500 | 5.6 | 5.99 | 142 |
| RBVS 02 | 3 | 10 | 233 | 7309 | 5269 | 1.5 | 14.17 | 45 |
| RBVS 03 | 3 | 10 | 318 | 8029 | 6320 | 1.6 | 4.09 | 60 |
| RBVS 04 | 3 | 10 | 452 | 12270 | 9270 | 2.4 | 8.2 | 70 |
| RBVS 06 | 3 | 10 | 566 | 16709 | 12340 | 3.3 | 6.29 | 80 |
| RBVS 08 | 3 | 10 | 628 | 18950 | 13859 | 3.8 | 8.04 | 114 |
| RBVS 10 | 3 | 10 | 830 | 26590 | 19010 | 5.3 | 17.25 | 132 |
| RBVS 12 | 3 | 10 | 970 | 30250 | 21930 | 6.1 | 6.81 | 142 |
| RBVC 02 | 3 | 10 | 233 | 7309 | 5269 | 1.5 | 14.17 | 45 |
| RBVC 03 | 3 | 10 | 318 | 8029 | 6320 | 1.6 | 4.09 | 60 |
| RBVC 04 | 3 | 10 | 452 | 12270 | 9270 | 2.4 | 8.2 | 70 |
| RBVC 06 | 3 | 10 | 566 | 16709 | 12340 | 3.3 | 6.29 | 80 |
| RBVC 08 | 3 | 10 | 628 | 18950 | 13859 | 3.8 | 8.04 | 114 |
| RBVC 10 | 3 | 10 | 830 | 26590 | 19010 | 5.3 | 17.25 | 132 |
| RBVC 12 | 3 | 10 | 970 | 30250 | 21930 | 6.1 | 6.81 | 142 |

Note: Based on 80°F DB and 67°F WB EAT, 45°F EWT, 10°F temperature rise, high fan speed. Motor type is PSC and motor voltage is 115/1/60. Airflow under dry coil conditions. Models RBVC and RBVS tested at 0.0" external static pressure. Model RBVR tested at 0.05" external static pressure.

RBV UNIT WEIGHT DATA

| Component | Unit Size | | | | | | | |
|-----------------|-------------|---------|---------|---------|----------|----------|----------|---------|
| | 02 | 03 | 04 | 06 | 08 | 10 | 12 | |
| RBVR Base Unit | 36 [16] | 45 [20] | 55 [25] | 62 [28] | 66 [30] | 92 [42] | 105 [48] | |
| RBVC Base Unit | 66 [30] | 74 [34] | 87 [39] | 96 [44] | 102 [46] | 131 [59] | 149 [68] | |
| RBVS Base Unit | 68 [31] | 76 [34] | 89 [40] | 99 [45] | 102 [46] | 135 [61] | 153 [69] | |
| Total Coil Rows | 1 Row - Dry | 11 [5] | 12 [5] | 14 [6] | 18 [8] | 19 [9] | 23 [10] | 26 [12] |
| | 1 Row - Wet | 14 [6] | 15 [7] | 20 [9] | 24 [11] | 25 [11] | 32 [15] | 37 [17] |
| | 2 Row - Dry | 14 [6] | 15 [7] | 19 [9] | 22 [10] | 24 [11] | 30 [14] | 33 [15] |
| | 2 Row - Wet | 19 [9] | 20 [9] | 25 [11] | 31 [14] | 32 [15] | 41 [19] | 47 [21] |
| | 3 Row - Dry | 18 [8] | 20 [9] | 23 [10] | 29 [13] | 30 [14] | 37 [17] | 43 [20] |
| | 3 Row - Wet | 23 [10] | 25 [11] | 32 [15] | 39 [18] | 41 [19] | 52 [24] | 61 [28] |
| | 4 Row - Dry | 22 [10] | 25 [11] | 30 [14] | 36 [16] | 39 [18] | 47 [21] | 54 [24] |
| | 4 Row - Wet | 30 [14] | 32 [15] | 41 [19] | 50 [23] | 52 [24] | 65 [29] | 77 [35] |

Note: Unit weight data is in pounds [kilograms]