

# CENTRIFUGAL FANS & BLOWERS

## KRD RADIAL BLADE BLOWERS

### FEATURES & BENEFITS

- Welded 16-gauge steel housing and motor base
- Dynamically balanced cast aluminum wheel
- Self cleaning wheel designed for efficient operation
- Baked polyester powder coat finish
- Single or three phase TEFC motors; also available without motor
- Explosion proof motors available - consult factory
- Standard discharge: CW bottom horizontal; rotatable to 8 positions
- Field adjustable rotation and discharge
- Capacities to 3,307 cfm

### APPLICATIONS

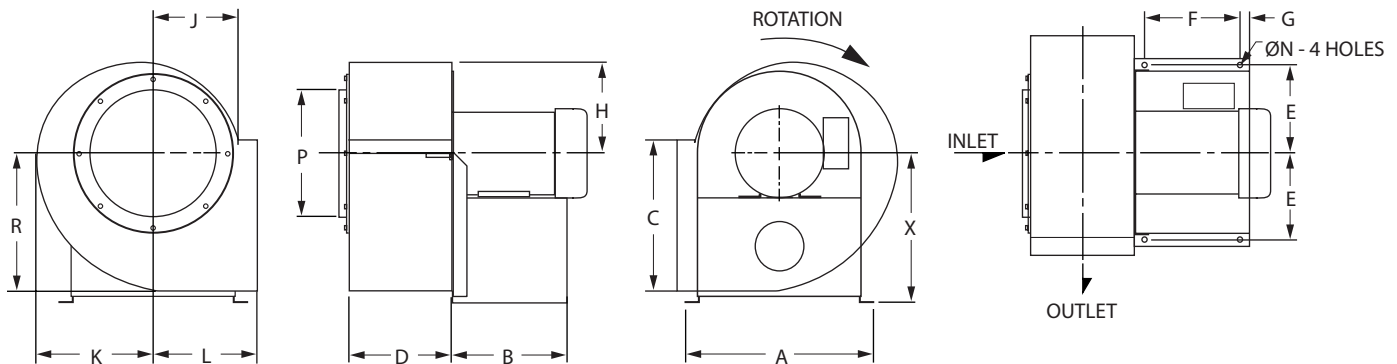
- Small exhaust systems where air is laden with dust or grit
- Suitable for air containing dirt, lint or foreign material, as wheel is self cleaning

### ACCESSORIES / OPTIONS

- Inlet & discharge screens
- Discharge dampers
- Custom coatings
- Inlet & discharge flanges
- Weather proof motor cover
- Factory mounted motors
- Spark resistant construction



| MODEL  | MTR HP | dBA @5' | AIRFLOW PERFORMANCE (CFM) AT 1750 RPM |          |           |          |           |          |       |          |          |          |       |          |
|--------|--------|---------|---------------------------------------|----------|-----------|----------|-----------|----------|-------|----------|----------|----------|-------|----------|
|        |        |         | 0.125" SP                             | 0.25" SP | 0.375" SP | 0.50" SP | 0.625" SP | 0.75" SP | 1" SP | 1.25" SP | 1.50" SP | 1.75" SP | 2" SP | 2.25" SP |
| KRD-08 | ¼      | 64      | 493                                   | 448      | 396       | 334      | 250       | 93       | -     | -        | -        | -        | -     | -        |
| KRD-09 | ¼      | 69      | 848                                   | 788      | 724       | 655      | 572       | 462      | -     | -        | -        | -        | -     | -        |
| KRD-11 | ¾      | 75      | 1524                                  | 1457     | 1386      | 1309     | 1225      | 1134     | 916   | 617      | 97       | -        | -     | -        |
| KRD-12 | 1 ½    | 79      | 2400                                  | 2331     | 2257      | 2179     | 2096      | 2007     | 1807  | 1564     | 1252     | 812      | 166   | -        |
| KRD-14 | 2      | 81      | 3307                                  | 3221     | 3134      | 3046     | 2956      | 2863     | 2664  | 2438     | 2164     | 1786     | 1181  | 666      |



| MODEL  | WHEEL SIZE     | BORE SIZE | DIMENSIONS IN INCHES* |      |      |      |     |     |     |      |     |      |      |     |      |      |      | WT (lbs) LESS MTR | MTR FRAME |
|--------|----------------|-----------|-----------------------|------|------|------|-----|-----|-----|------|-----|------|------|-----|------|------|------|-------------------|-----------|
|        |                |           | A                     | B    | C    | D    | E   | F   | G   | H    | J   | K    | L    | N   | P    | R    | X    |                   |           |
| KRD-08 | 7 ¾ x 4        | 5/8       | 11.0                  | 8.0  | 8.3  | 5.4  | 5.0 | 7.0 | 0.5 | 6.0  | 4.6 | 6.8  | 6.9  | 0.4 | 8.0  | 8.0  | 8.5  | 35                | 56        |
| KRD-09 | 9 x 5          | 5/8       | 12.1                  | 8.0  | 10.8 | 6.5  | 5.6 | 7.0 | 0.5 | 6.8  | 5.6 | 7.8  | 7.1  | 0.4 | 9.0  | 9.3  | 9.4  | 45                | 56        |
| KRD-11 | 10 7/8 x 5 5/8 | 5/8       | 14.8                  | 9.0  | 11.8 | 8.0  | 6.9 | 7.5 | 0.8 | 8.0  | 6.8 | 9.1  | 8.1  | 0.4 | 10.0 | 10.8 | 11.8 | 65                | 56        |
| KRD-12 | 12 ½ x 7 ½     | 7/8       | 16.4                  | 10.5 | 13.3 | 9.6  | 7.4 | 8.8 | 0.9 | 10.1 | 8.5 | 11.5 | 10.5 | 0.6 | 13.3 | 13.3 | 17.0 | 95                | 145T      |
| KRD-14 | 13 ½ x 8 ½     | 7/8       | 17.6                  | 10.5 | 14.6 | 10.8 | 8.0 | 8.8 | 0.9 | 11.1 | 9.4 | 12.6 | 11.4 | 0.6 | 14.5 | 14.6 | 17.0 | 120               | 145T      |

\*DO NOT USE FOR CONSTRUCTION

CONSULT FACTORY FOR CERTIFIED PRINTS

## PRD RADIAL BLADE PRESSURE BLOWERS

### FEATURES & BENEFITS

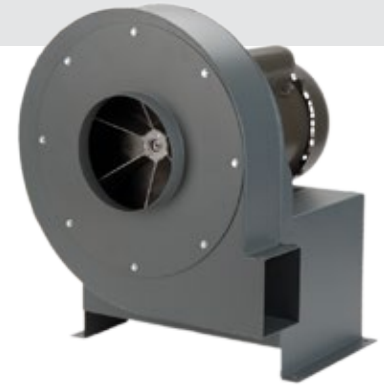
- Welded 16-gauge steel housing and motor base
- Dynamically balanced cast aluminum wheel
- Self cleaning wheel designed for efficient operation
- Baked polyester powder coat finish
- Single or three phase TEFC motors; also available without motor
- Explosion proof motors available - consult factory
- Standard discharge: CW bottom horizontal; rotatable to 8 positions
- Field adjustable rotation and discharge
- Capacities to 2,100 cfm

### APPLICATIONS

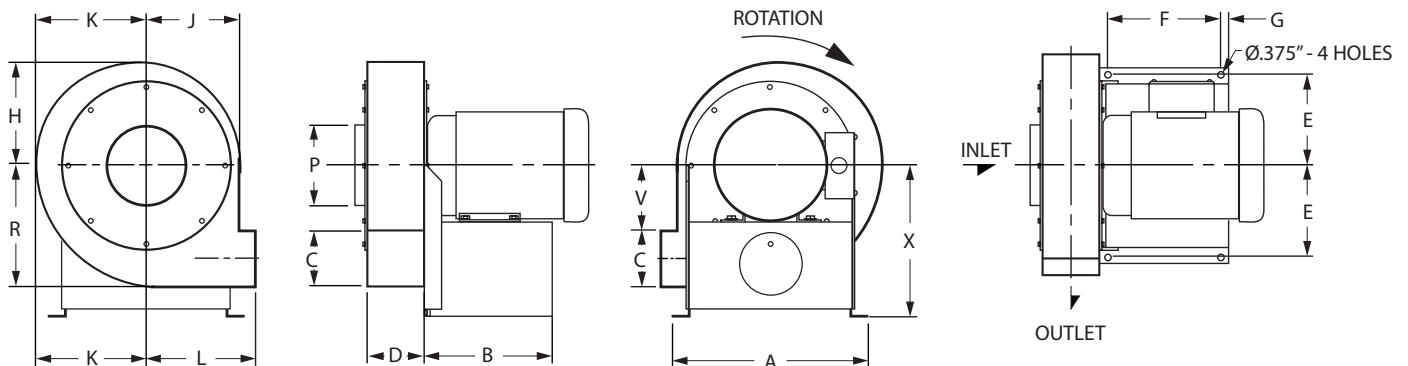
- Small exhaust systems where air is laden with dust or grit
- Supplying high pressure air for conveying and cooling

### ACCESSORIES / OPTIONS

- Inlet & discharge screens
- Inlet & discharge flanges
- Factory mounted motors
- Custom coatings
- Weather proof motor cover
- Spark resistant construction



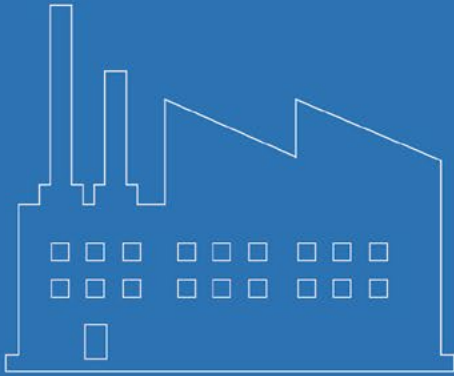
| AIRFLOW PERFORMANCE (CFM) AT 3500 RPM |        |         |          |         |       |         |       |         |       |         |       |       |       |       |       |       |        |        |        |
|---------------------------------------|--------|---------|----------|---------|-------|---------|-------|---------|-------|---------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| MODEL                                 | MTR HP | dBA @5' | 0.25" SP | 0.5" SP | 1" SP | 1.5" SP | 2" SP | 2.5" SP | 3" SP | 3.5" SP | 4" SP | 5" SP | 6" SP | 7" SP | 8" SP | 9" SP | 10" SP | 11" SP | 12" SP |
| PRD-08                                | 1/8    | 74      | 283      | 274     | 256   | 237     | 216   | 192     | 165   | 129     | 70    | -     | -     | -     | -     | -     | -      | -      | -      |
| PRD-09                                | 3/8    | 77      | 475      | 465     | 445   | 423     | 399   | 374     | 346   | 316     | 282   | 195   | -     | -     | -     | -     | -      | -      | -      |
| PRD-11                                | 1 1/2  | 84      | 786      | 772     | 746   | 719     | 692   | 664     | 635   | 606     | 575   | 508   | 431   | 329   | -     | -     | -      | -      | -      |
| PRD-12                                | 3      | 90      | 1185     | 1171    | 1145  | 1117    | 1090  | 1062    | 1033  | 1004    | 974   | 911   | 842   | 765   | 672   | 549   | -      | -      | -      |
| PRD-14                                | 7 1/2  | 92      | 2100     | 2079    | 2037  | 1995    | 1952  | 1909    | 1866  | 1822    | 1777  | 1685  | 1587  | 1482  | 1367  | 1236  | 1081   | 874    | 474    |



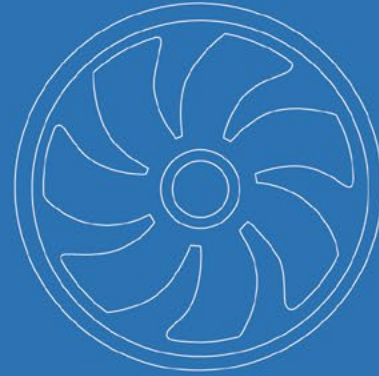
| DIMENSIONS IN INCHES* |                |           |      |      |     |     |     |     |     |      |     |      |      |     |      |     |      |                   |           |
|-----------------------|----------------|-----------|------|------|-----|-----|-----|-----|-----|------|-----|------|------|-----|------|-----|------|-------------------|-----------|
| MODEL                 | WHEEL SIZE     | BORE SIZE | A    | B    | C   | D   | E   | F   | G   | H    | J   | K    | L    | P   | R    | V   | X    | WT (lbs) LESS MTR | MTR FRAME |
| PRD-08                | 7 3/4 x 2 1/4  | 5/8       | 11.0 | 8.0  | 3.0 | 3.0 | 5.0 | 7.0 | 0.5 | 5.4  | 4.9 | 5.9  | 5.9  | 4.0 | 6.6  | 3.6 | 8.5  | 35                | 56        |
| PRD-09                | 9 x 2 3/4      | 5/8       | 12.1 | 8.0  | 3.5 | 3.5 | 5.6 | 7.0 | 0.5 | 6.4  | 5.8 | 6.9  | 6.8  | 5.0 | 7.5  | 4.0 | 9.4  | 40                | 56        |
| PRD-11                | 10 5/8 x 3     | 5/8       | 14.8 | 9.0  | 4.0 | 3.5 | 6.9 | 7.5 | 0.8 | 7.3  | 6.5 | 8.0  | 7.6  | 6.0 | 8.6  | 4.6 | 11.8 | 55                | 56        |
| PRD-12                | 12 1/2 x 3     | 7/8       | 17.0 | 8.0  | 5.0 | 4.0 | 8.0 | 6.5 | 0.8 | 8.3  | 7.5 | 9.0  | 9.6  | 7.0 | 10.0 | 5.0 | 10.6 | 85                | 145T      |
| PRD-14                | 13 1/2 x 4 3/8 | 1 1/8     | 17.6 | 11.3 | 7.1 | 5.8 | 8.0 | 9.6 | 1.0 | 10.5 | 9.6 | 11.4 | 11.0 | 8.0 | 11.5 | 4.4 | 12.6 | 140               | 184T      |

\*DO NOT USE FOR CONSTRUCTION

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