

MODEL RED

DIRECT DRIVE CENTRIFUGAL ROOF EXHAUSTERS



Model RED direct drive fans are designed to exhaust air up to 3000 CFM in high static pressure applications to 1". The spun aluminum exterior provides an attractive appearance; in addition, it is compatible with belt driven Model DB and companion gravity units to make up a complete ventilation system. The nonoverloading backward inclined wheel with its higher static pressure capability makes this unit suitable for either ducted or nonducted applications. Its roof mounting permits location near the area to be ventilated, allowing short duct runs and more efficient operation. The RED is generally used to exhaust air from all types of commercial and institutional buildings such as hospitals and health care facilities, schools, recreational buildings, machinery and equipment rooms, offices, retail stores and similar applications.

Our entire line of RED fans is in-stock available for next day shipment!



Construction Features and Options

Solid State Speed Control
(Optional)

Stainless Steel Exterior Fasteners

Birdscreen
Standard.

Centrifugal Wheel
Nonoverloading, backward inclined tapered blades for maximum efficiency.

Factory Run & Tested
Assures dependable operation.

AMCA Seal
Assures rating of Sound and Air performance.

Motor
Open drip-proof construction standard, ships assembled.

Safety Disconnect
Standard

Motor Isolators
Reduce vibration and sound.

Conduit Chase
Provided for ease of electrical connection from below roof.

Deep Spun Inlet
For optimum air and sound performance.

UL Label
For electrical reliability.

Industry best 5 year fan housing warranty, 1 year motor warranty



Construction/Specification Checklist

Housing

- Curb cap has integral deep spun inlet for efficient performance and prepunched mounting holes for ease of installation.
- Fan plate isolates motor compartment from contaminated exhaust air.
- Spun aluminum hood and skirt for weather protection and attractive appearance.
- Heavy-gauge motor support for rigidity and strength.
- Neoprene isolators for reduction of vibration and sound.
- Quick access to motor compartment for ease of maintenance.
- Conduit passage for easy electrical connection from below roof.
- Birdscreen and disconnect are included on standard models; (excluding explosion proof and 2-speed motors).

Wheel

- Backward inclined for efficiency at higher static pressure.
- Nonoverloading for safe operation in ducted systems.
- Tapered blades for efficiency and quiet operation.
- Wheels constructed of noncorrosive aluminum.
- Statically and dynamically balanced for smooth operation.

Speed Controllable Motors

- Brands are nationally recognized and locally serviced.
- Standard motors are single speed, speed controllable and drip-proof.
- All motors are rated for continuous duty.
- Disconnect is standard with single speed drip-proof motors.
- Motors ship mounted as standard.

AMCA Seal

- Assures rating of Air and Sound performance.

UL Label

- UL 705 Listing assures electrical reliability.
- UL 705 must be specified when required.

Options/Accessories

Solid State Speed Control: Breidert's solid state control is matched to the motor and blower wheel to allow continuous reduction in performance allowing adjustments of airflow for system balancing. CFM is reduced in direct proportion to motor speed reduction. Speed control is available for 115 or 230 volt single phase. Exhauster performance can be controlled from the ventilated area.

Roof Curb: Prefabricated heavy-gauge galvanized steel welded construction, 12" high with 1-1/2" wood nailer. Assures perfect fit of exhauster to roof curb. Options include burglar bars, single and double pitch construction, and additional curb heights.

Sound Curb: Option of thermal acoustical lining or a complete maximum sound attenuating baffle system. Provision for mounting damper is available. Contact factory for information regarding effect on exhauster air performance and sound level.

Motor Operated Aluminum Damper: Motor operated for positive closure against backdraft.

Automatic Damper: Automatic aluminum damper for ease in installation and effective backdraft protection.

Companion Gravity Units: Model RCX-II comes in a wide range of sizes and air capacities to provide relief or intake air to the system. Curbs and dampers are available to fit all sizes. Spun aluminum hoods provide a pleasing appearance, complementing the Model RED exhauster.

Curb Hinge Arrangement: The curb hinge arrangement provides easy access to the exhaust fan, backdraft damper, and duct for servicing and cleaning.

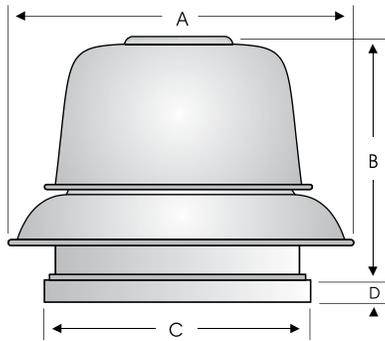
Special Coatings: Powered roof exhausters often require special coatings for protective and decorative purposes. Available coatings include: Epoxy, Synthetic Resin, and Heresite (air-dried phenolic). Contact your Breidert representative or the factory for more information on available coatings and colors.

All specifications are subject to change without notice unless approved in submittal by Breidert Air Products.



PERFORMANCE/DIMENSIONS

Model RED6



| Damper | | Roof Opening | Curb O.D. | A | B | C | D | Average Ship Wt. Lbs. |
|--------|------|--------------|-----------|--------|----|--------|-------|-----------------------|
| I.D. | O.D. | | | | | | | |
| 11 | 11 | 11-3/4 | 14-3/4 | 21-3/4 | 12 | 16-1/2 | 1-3/4 | 50 |

Fan RPM performances may vary from actual current motor offerings for any given model. See price publications or software for current motor RPM offerings

| CFM/BHP @ Static Pressure/Sones | | | | | | | | | | HP | RPM (Nom.) | Tip Speed |
|---------------------------------|---------|---------|---------|---------|-----|-----|-----|---|----------------|------|------------|-----------|
| 0 | 1/8 | 1/4 | 3/8 | 1/2 | 5/8 | 3/4 | 7/8 | 1 | Catalog Number | | | |
| 46 | 27 | - | - | - | - | - | - | - | RED6 CS+ | 1/10 | 1050 | 2237 |
| .02/3.4 | .02/2.8 | - | - | - | - | - | - | - | RED6 CS+ | 1/10 | 1350 | 2876 |
| 59 | 45 | 29 | - | - | - | - | - | - | RED6 C* | 1/10 | 1700 | 3621 |
| .03/6.2 | .03/5.3 | .03/5.3 | - | - | - | - | - | - | RED6 CLS+ | 1/10 | 950 | 2024 |
| 75 | 63 | 51 | 39 | 26 | - | - | - | - | RED6 CLS+ | 1/10 | 1200 | 2556 |
| .04/11.1 | .04/9.8 | .04/9.3 | .04/9.4 | .04/9.4 | - | - | - | - | RED6 CL* | 1/10 | 1700 | 3621 |
| 85 | 54 | - | - | - | - | - | - | - | RED6 S+ | 1/10 | 950 | 2024 |
| .02/2.8 | .02/2.2 | - | - | - | - | - | - | - | RED6 S+ | 1/10 | 1000 | 2130 |
| 108 | 85 | 53 | - | - | - | - | - | - | RED6 S+ | 1/10 | 1050 | 2237 |
| .03/4.7 | .03/3.9 | .03/3.9 | - | - | - | - | - | - | RED6 S+ | 1/10 | 1100 | 2343 |
| 130 | 112 | 90 | 61 | - | - | - | - | - | RED6 S+ | 1/10 | 1150 | 2450 |
| .04/7.5 | .04/6.4 | .04/6.3 | .04/6.3 | - | - | - | - | - | RED6 S+ | 1/10 | 1200 | 2556 |
| 153 | 137 | 120 | 100 | 76 | - | - | - | - | RED6 S+ | 1/10 | 1250 | 2663 |
| .05/11.1 | .06/9.8 | .06/9.3 | .05/9.4 | .05/9.4 | - | - | - | - | RED6 S+ | 1/10 | 1300 | 2769 |
| 224 | 133 | - | - | - | - | - | - | - | RED6 S+ | 1/10 | 1350 | 2876 |
| .02/2.5 | .02/2.4 | - | - | - | - | - | - | - | RED6 S+ | 1/10 | 1400 | 2982 |
| 236 | 152 | - | - | - | - | - | - | - | RED6 S+ | 1/10 | 1450 | 3089 |
| .02/2.8 | .02/2.8 | - | - | - | - | - | - | - | RED6 S+ | 1/10 | 1500 | 3195 |
| 248 | 171 | - | - | - | - | - | - | - | RED6 S+ | 1/10 | 1550 | 3302 |
| .02/3.2 | .02/3.1 | - | - | - | - | - | - | - | RED6 S+ | 1/10 | 1600 | 3408 |
| 260 | 187 | - | - | - | - | - | - | - | RED6* | 1/10 | 1650 | 3515 |
| .02/3.5 | .02/3.5 | - | - | - | - | - | - | - | | | | |
| 272 | 204 | - | - | - | - | - | - | - | | | | |
| .03/3.9 | .03/3.8 | - | - | - | - | - | - | - | | | | |
| 284 | 219 | 118 | - | - | - | - | - | - | | | | |
| .03/4.2 | .03/4.2 | .02/4.3 | - | - | - | - | - | - | | | | |
| 295 | 234 | 146 | - | - | - | - | - | - | | | | |
| .03/4.6 | .03/4.6 | .03/4.7 | - | - | - | - | - | - | | | | |
| 307 | 249 | 170 | - | - | - | - | - | - | | | | |
| .03/5.0 | .03/5.0 | .03/5.1 | - | - | - | - | - | - | | | | |
| 319 | 264 | 191 | - | - | - | - | - | - | | | | |
| .03/5.4 | .03/5.4 | .03/5.5 | - | - | - | - | - | - | | | | |
| 331 | 278 | 210 | - | - | - | - | - | - | | | | |
| .04/6.2 | .04/5.8 | .04/5.9 | - | - | - | - | - | - | | | | |
| 343 | 293 | 229 | 131 | - | - | - | - | - | | | | |
| .04/6.2 | .04/6.2 | .04/6.3 | .04/6.4 | - | - | - | - | - | | | | |
| 354 | 307 | 246 | 162 | - | - | - | - | - | | | | |
| .04/6.6 | .04/6.6 | .04/6.7 | .04/6.9 | - | - | - | - | - | | | | |
| 366 | 320 | 263 | 188 | - | - | - | - | - | | | | |
| .05/7.0 | .05/7.0 | .05/7.2 | .04/7.3 | - | - | - | - | - | | | | |
| 378 | 334 | 279 | 211 | - | - | - | - | - | | | | |
| .05/7.4 | .05/7.5 | .05/7.6 | .05/7.8 | - | - | - | - | - | | | | |
| 390 | 347 | 295 | 232 | 134 | - | - | - | - | | | | |
| .05/7.9 | .05/8.0 | .05/8.1 | .05/8.2 | .05/8.4 | - | - | - | - | | | | |

(1) Model RED 6 C series has choke plate.
 Model RED 6 S requires speed control for listed rpm.
 Performance certified is for installation type A-free inlet, free outlet.
 Performance ratings include the effects of birdscreen in the airstream.
 The sound ratings shown are loudness values in fan sones @ 5' (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A-free inlet fan sone levels.
 * Base Unit-AMCA Seal for Sound Rating does not apply to units with speed control.
 + RPM range capable with solid state speed control.
 Speed (RPM) shown is nominal. Performance is based on actual speed of test.

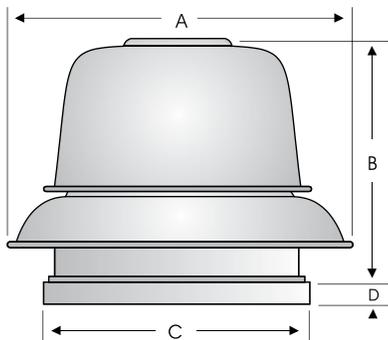


Breidert Air Products, Div. of Soler & Palau Ventilation Group, certifies that the Models RED shown herein are licensed to bear the AMCA Seal. The ratings shown are based on test and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirement of the AMCA Certified Ratings Program.



UL STANDARD 705

Models RED8 and RED10



| Size | Damper | | Roof Opening | Curb O.D. | A | B | C | D | Average Ship Wt. Lbs. |
|------------|--------|------|--------------|-----------|--------|--------|--------|-------|-----------------------|
| | I.D. | O.D. | | | | | | | |
| RED812/810 | 11 | 11 | 11-3/4 | 14-3/4 | 21-3/4 | 13-1/2 | 16-1/2 | 1-3/4 | 50 |
| RED8167 | 11 | 11 | 11-3/4 | 14-3/4 | 21-3/4 | 15-3/4 | 16-1/2 | 1-3/4 | 50 |
| RED10 | 11 | 11 | 11-3/4 | 14-3/4 | 21-3/4 | 17-1/4 | 16-1/2 | 1-3/4 | 50 |

Fan RPM performances may vary from actual current motor offerings for any given model. See price publications or software for current motor RPM offerings

| | CFM/BHP @ Static Pressure/Sones | | | | | | | | | HP | RPM (Nom.) | Tip Speed | |
|------------------|---------------------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|------------|------------|-----------|----------------|
| | 0 | 1/8 | 1/4 | 3/8 | 1/2 | 5/8 | 3/4 | 7/8 | 1 | | | | Catalog Number |
| RED8 | 409 .02/2.5 | 238 .02/1.8 | - | - | - | - | - | - | - | RED812 S+ | 1/25 | 750 | 1995 |
| | 464 .03/3.3 | 325 .03/2.7 | - | - | - | - | - | - | - | RED812 S+ | 1/25 | 850 | 2261 |
| | 518 .03/4.1 | 399 .03/3.6 | 216 .03/3.1 | - | - | - | - | - | - | RED812 S+ | 1/25 | 950 | 2527 |
| | 573 .04/4.9 | 468 .04/4.5 | 326 .04/4.1 | - | - | - | - | - | - | RED812 * | 1/25 | 1050 | 2793 |
| | 627 .05/5.9 | 535 .05/5.5 | 417 .05/5.1 | 249 .05/4.7 | - | - | - | - | - | RED810 S+ | 1/10 | 1150 | 3059 |
| | 682 .06/6.8 | 599 .07/6.4 | 496 .07/6.0 | 362 .06/5.7 | 183 .05/5.6 | - | - | - | - | RED810 S+ | 1/10 | 1250 | 3325 |
| | 736 .08/7.8 | 661 .08/7.4 | 569 .08/7.0 | 460 .08/6.7 | 314 .07/6.5 | - | - | - | - | RED810 S+ | 1/10 | 1350 | 3591 |
| | 791 .09/8.9 | 721 .10/8.4 | 638 .10/8.0 | 545 .10/7.7 | 425 .09/7.5 | 276 .08/7.4 | - | - | - | RED810 S+ | 1/10 | 1450 | 3857 |
| | 818 .10/9.4 | 751 .10/8.9 | 672 .11/8.5 | 584 .11/8.3 | 476 .10/8.0 | 340 .09/7.8 | 170 .08/7.7 | - | - | RED810 S+ | 1/10 | 1500 | 3990 |
| | 845 .11/10.0 | 781 .11/9.5 | 705 .12/9.1 | 622 .12/8.8 | 523 .11/8.6 | 398 .11/8.3 | 251 .09/8.2 | - | - | RED810 S+ | 1/10 | 1550 | 4123 |
| RED10 | 954 .16/12.1 | 897 .16/11.6 | 836 .16/11.1 | 764 .16/10.8 | 688 .16/10.6 | 600 .16/10.3 | 494 .15/10.1 | 371 .14/10.0 | 233 .12/9.9 | RED825 * | 1/4 | 1750 | 4655 |
| | 808 .06/4.9 | 640 .06/4.2 | 403 .05/4.0 | - | - | - | - | - | - | RED1025 S+ | 1/4 | 900 | 2889 |
| | 897 .07/5.9 | 750 .07/5.2 | 559 .07/5.0 | 299 .06/4.7 | - | - | - | - | - | RED1025 S+ | 1/4 | 1000 | 3210 |
| | 987 .09/6.8 | 856 .09/6.3 | 696 .09/5.8 | 489 .08/5.6 | - | - | - | - | - | RED1025 S+ | 1/4 | 1100 | 3531 |
| | 1077 .12/7.9 | 958 .12/7.4 | 821 .12/7.0 | 648 .11/6.8 | 438 .10/6.7 | - | - | - | - | RED1025 S+ | 1/4 | 1200 | 3852 |
| | 1167 .15/9.0 | 1058 .15/8.5 | 936 .15/8.1 | 790 .14/7.9 | 615 .13/7.7 | 405 .11/7.5 | - | - | - | RED1025 S+ | 1/4 | 1300 | 4173 |
| | 1256 .18/10.2 | 1156 .18/9.7 | 1046 .18/9.3 | 920 .18/9.1 | 769 .17/8.9 | 597 .16/8.7 | 390 .14/8.5 | - | - | RED1025 S+ | 1/4 | 1400 | 4494 |
| | 1346 .22/11.5 | 1253 .22/11.0 | 1152 .22/10.6 | 1042 .22/10.3 | 910 .21/10.1 | 762 .20/9.9 | 594 .18/9.8 | 393 .16/9.6 | - | RED1025 S+ | 1/4 | 1500 | 4815 |
| | 1391 .25/12.1 | 1301 .25/11.7 | 1204 .25/11.3 | 1099 .24/10.9 | 977 .23/10.7 | 838 .22/10.5 | 682 .21/10.4 | 504 .19/10.2 | 279 .16/10.1 | RED1025 S+ | 1/4 | 1550 | 4976 |
| | 1436 .27/12.8 | 1348 .27/12.4 | 1256 .27/12.0 | 1155 .26/11.7 | 1041 .26/11.4 | 910 .25/11.2 | 766 .24/11.0 | 604 .22/10.8 | 412 .16/10.7 | RED1025 * | 1/4 | 1600 | 5136 |
| 1481 .29/13.5 | 1396 .29/13.0 | 1307 .29/12.6 | 1211 .29/12.3 | 1104 .28/12.1 | 981 .27/12.0 | 845 .26/11.8 | 695 .25/11.6 | 524 .23/11.4 | RED1033 S+ | 1/3 | 1650 | 5297 | |
| 1526 .32/14.2 | 1443 .32/13.8 | 1358 .32/13.3 | 1265 .32/12.9 | 1165 .13/12.7 | 1048 .30/12.6 | 921 .29/12.4 | 781 .28/12.3 | 625 .26/12.1 | RED1033 * | 1/3 | 1700 | 5457 | |

(1) Models with S in the number require speed control. Performance certified is for installation type A-free inlet, free outlet. Performance ratings include the effects of birdscreen in the airstream. The sound ratings shown are loudness values in fan sones @ 5' (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A-free inlet fan sone levels. * Base Unit-AMCA Seal for Sound Rating does not apply to units with speed control. + RPM range capable with solid state speed control. Speed (RPM) shown is nominal. Performance is based on actual speed of test.

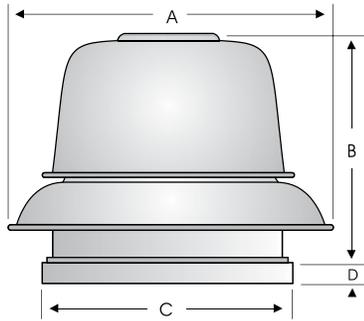


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Models RED12 and RED15



| Damper | | Roof Opening | Curb O.D. | A | B | C | D | Average Ship Wt. Lbs. |
|--------|------|--------------|-----------|--------|--------|----|---|-----------------------|
| I.D. | O.D. | | | | | | | |
| 18 | 18 | 19-1/4 | 22-1/4 | 33-1/8 | 23-1/2 | 24 | 2 | 124 |

Fan RPM performances may vary from actual current motor offerings for any given model. See price publications or software for current motor RPM offerings

RED12

RED15

| CFM/BHP @ Static Pressure/Sones | | | | | | | | | | HP | RPM (Nom.) | Tip Speed |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|-----|------------|-----------|
| 0 | 1/8 | 1/4 | 3/8 | 1/2 | 5/8 | 3/4 | 7/8 | 1 | Catalog Number | | | |
| 1209 | 959 | 708 | 456 | - | - | - | - | - | RED1216 S+ | 1/4 | 900 | 3393 |
| .07/6.5 | .08/5.8 | .08/5.4 | .08/5.3 | - | - | - | - | - | RED1216 S+ | 1/4 | 950 | 3582 |
| 1344 | 1123 | 884 | 674 | 423 | - | - | - | - | RED1216 S+ | 1/4 | 1000 | 3770 |
| .10/7.6 | .10/6.9 | .10/6.6 | .10/6.3 | .10/6.2 | - | - | - | - | RED1216 S+ | 1/4 | 1050 | 3959 |
| 1411 | 1202 | 970 | 771 | 553 | - | - | - | - | RED1216 S+ | 1/4 | 1100 | 4147 |
| .11/8.2 | .11/7.6 | .12/7.1 | .12/7.0 | .12/6.9 | - | - | - | - | RED1216* | 1/4 | 1150 | 4336 |
| 1478 | 1280 | 1057 | 863 | 665 | 419 | - | - | - | RED1250 S+ | 1/2 | 1200 | 4524 |
| .13/8.9 | .13/8.2 | .13/7.8 | .14/7.5 | .14/7.4 | 13/7.2 | - | - | - | RED1250 S+ | 1/2 | 1250 | 4713 |
| 1680 | 1506 | 1317 | 1126 | 960 | 786 | 587 | - | - | RED1250 S+ | 1/2 | 1300 | 4901 |
| .18/11.0 | .18/10.2 | .18/9.7 | .19/9.5 | .19/9.3 | .20/9.1 | .19/8.9 | - | - | RED1250 S+ | 1/2 | 1350 | 5090 |
| 1747 | 1580 | 1401 | 1212 | 1050 | 888 | 710 | 491 | - | RED1250 S+ | 1/2 | 1400 | 5278 |
| .20/11.7 | .20/11.0 | .21/10.3 | .21/10.1 | .22/9.9 | .22/9.8 | .22/9.5 | .20/9.1 | - | RED1250 S+ | 1/2 | 1450 | 5467 |
| 1814 | 1653 | 1484 | 1299 | 1139 | 984 | 821 | 633 | 376 | RED1250 S+ | 1/2 | 1500 | 5655 |
| .22/12.5 | .23/11.8 | .23/11.1 | .23/10.8 | .24/10.6 | .42/10.4 | .24/10.3 | .23/10.0 | .21/9.8 | RED1250 S+ | 1/2 | 1550 | 5844 |
| 1881 | 1726 | 1565 | 1387 | 1226 | 1077 | 924 | 757 | 556 | RED1250 S+ | 1/2 | 1600 | 6032 |
| .25/13.2 | .25/12.5 | .26/11.8 | .26/11.7 | .26/11.4 | .27/11.2 | .27/11.0 | .27/10.7 | .25/10.5 | RED1250 S+ | 1/2 | 1650 | 6221 |
| 1949 | 1798 | 1645 | 1474 | 1312 | 1168 | 1023 | 869 | 695 | RED1250 S+ | 1/2 | 1700 | 6409 |
| .28/14.0 | .28/13.3 | .28/12.6 | .28/12.3 | .29/12.1 | .30/12.0 | .30/11.8 | .30/11.6 | .29/11.4 | RED1250 S+ | 1/2 | 1750 | 6598 |
| 2016 | 1870 | 1723 | 1560 | 1398 | 1257 | 1118 | 974 | 817 | RED1250 S+ | 1/2 | 1800 | 6787 |
| .30/14.8 | .31/14.1 | .31/13.4 | .31/13.0 | .32/12.8 | .32/12.6 | .33/12.5 | .33/12.4 | .33/12.2 | RED1250 S+ | 1/2 | 1850 | 6976 |
| 2083 | 1942 | 1801 | 1645 | 1484 | 1344 | 1210 | 1073 | 929 | RED1250 S+ | 1/2 | 1900 | 7165 |
| .33/15.6 | .34/14.9 | .34/14.3 | .34/13.8 | .35/13.6 | .35/13.4 | .36/13.3 | .36/13.1 | .36/12.9 | RED1250 S+ | 1/2 | 1950 | 7354 |
| 2150 | 2013 | 1878 | 1729 | 1572 | 1430 | 1300 | 1170 | 1034 | RED1250 S+ | 1/2 | 2000 | 7543 |
| .37/16.4 | .37/15.7 | .37/15.5 | .38/14.6 | .38/14.4 | .39/14.2 | .39/14.0 | .40/13.8 | .40/13.7 | RED1250 S+ | 1/2 | 2050 | 7732 |
| 2217 | 2084 | 1954 | 1812 | 1660 | 1516 | 1389 | 1263 | 1134 | RED1250 S+ | 1/2 | 2100 | 7921 |
| .40/17.3 | .40/16.6 | .41/15.9 | .41/15.3 | .41/15.2 | .42/15.0 | .43/14.8 | .43/14.6 | .44/14.5 | RED1250 S+ | 1/2 | 2150 | 8110 |
| 2284 | 2155 | 2029 | 1893 | 1747 | 1602 | 1476 | 1354 | 1231 | RED1250 S+ | 1/2 | 2200 | 8299 |
| .44/18.2 | .44/17.5 | .45/16.8 | .45/16.2 | .45/16.0 | .46/15.8 | .46/15.6 | .47/15.4 | .48/15.3 | RED1250* | 1/2 | 2250 | 8488 |
| 2352 | 2226 | 2104 | 1973 | 1832 | 1689 | 1562 | 1443 | 1324 | RED1250* | 1/2 | 2300 | 8677 |
| .48/18.9 | .48/18.3 | .48/17.6 | .49/17.0 | .49/16.7 | .49/16.5 | .50/16.3 | .51/16.2 | .52/16.0 | RED1550 S+ | 1/2 | 750 | 3270 |
| 1958 | 1599 | 1212 | 759 | - | - | - | - | - | RED1550 S+ | 1/2 | 800 | 3488 |
| .13/6.9 | .14/6.3 | .13/6.1 | .12/6.0 | - | - | - | - | - | RED1550 S+ | 1/2 | 850 | 3706 |
| 2089 | 1756 | 1395 | 989 | 512 | - | - | - | - | RED1550 S+ | 1/2 | 900 | 3924 |
| .16/7.7 | .16/7.0 | .16/6.8 | .15/6.8 | .13/6.7 | - | - | - | - | RED1550 S+ | 1/2 | 950 | 4142 |
| 2219 | 1907 | 1567 | 1203 | 795 | - | - | - | - | RED1550 S+ | 1/2 | 1000 | 4360 |
| .19/8.4 | .19/7.9 | .19/7.6 | .19/7.6 | .17/7.5 | - | - | - | - | RED1550 S+ | 1/2 | 1050 | 4578 |
| 2350 | 2055 | 1736 | 1411 | 1035 | 608 | - | - | - | RED1550 S+ | 1/2 | 1100 | 4796 |
| .22/9.3 | .23/8.8 | .23/8.4 | .22/8.3 | .21/8.3 | .18/8.3 | - | - | - | RED1550* | 1/2 | 1150 | 5014 |
| 2481 | 2202 | 1902 | 1602 | 1256 | 887 | - | - | - | RED1550 S+ | 1/2 | 1200 | 5232 |
| .26/10.2 | .26/9.7 | .27/9.3 | .26/9.2 | .26/9.1 | .24/9.1 | - | - | - | RED1550 S+ | 1/2 | 1250 | 5450 |
| 2611 | 2347 | 2066 | 1779 | 1468 | 1130 | 752 | - | - | RED1550 S+ | 1/2 | 1300 | 5668 |
| .30/11.1 | .31/10.6 | .31/10.2 | .31/10.0 | .30/10.0 | .29/9.9 | .26/9.9 | - | - | RED1550 S+ | 1/2 | 1350 | 5886 |
| 2742 | 2493 | 2228 | 1950 | 1672 | 1352 | 1019 | 621 | - | RED1550 S+ | 1/2 | 1400 | 6104 |
| .35/12.1 | .35/11.5 | .36/11.2 | .36/10.9 | .35/10.9 | .34/10.8 | .32/10.8 | .27/10.7 | - | RED1550 S+ | 1/2 | 1450 | 6322 |
| 2872 | 2636 | 2386 | 2119 | 1860 | 1564 | 1258 | 923 | 494 | RED1550 S+ | 1/2 | 1500 | 6540 |
| .40/13.2 | .40/12.6 | .41/12.1 | .41/11.8 | .40/11.8 | .40/11.8 | .38/11.7 | .35/11.7 | .29/11.7 | RED1550* | 1/2 | 1550 | 6758 |
| 3003 | 2779 | 2540 | 2285 | 2038 | 1774 | 1480 | 1180 | 840 | RED1550* | 1/2 | 1600 | 6976 |
| .46/14.2 | .46/13.7 | .46/13.2 | .46/12.9 | .46/12.8 | .46/12.7 | .44/12.7 | .42/12.7 | .38/12.6 | RED1550* | 1/2 | 1650 | 7194 |

(1) Models with S in the number require speed control.
 Performance certified is for installation type A-free inlet, free outlet.
 Performance ratings include the effects of birdscreen in the airstream.
 The sound ratings shown are loudness values in fan sones @ 5' (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A-free inlet fan sone levels.
 * Base Unit-AMCA Seal for Sound Rating does not apply to units with speed control.
 + RPM range capable with solid state speed control.
 Speed (RPM) shown is nominal. Performance is based on actual speed of test.



Breidert Air Products, Div. of Soler & Palau Ventilation Group, certifies that the Models RED shown herein are licensed to bear the AMCA Seal. The ratings shown are based on test and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirement of the AMCA Certified Ratings Program.

