

# POWER ROOF VENTILATORS

## ILG Model CRDA - Direct Drive

ILG Direct Drive Power Roof Ventilator has spun aluminum cover designed for high wind locations. Fan Performance Ratings are AMCA Certified for Air and Sound and are U.L. Listed. All motors are 115 volt, single phase.

### Construction

- ILG "C Drive" bearings shall have a calculated L10 bearing life in excess of 1,000,000 hrs
- Factory mounted motor and drive with pre-set fan RPM.
- Spun and shaped aluminum construction.
- Positively ventilated motor compartment with motor out of the air stream.
- Vibration-Free Polypropylene Mesh Birdscreen.

### Motors and Electrical

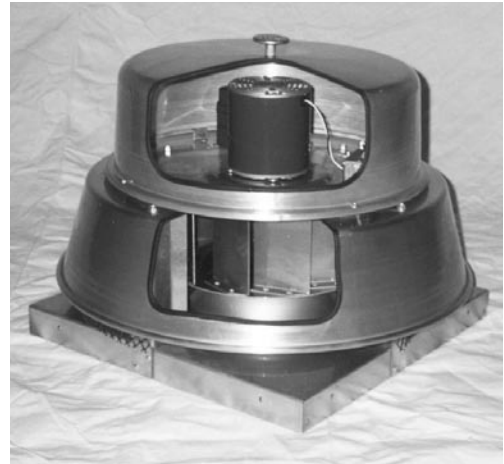
- U.L. 705 Listing.
- Integral motor thermal overload protection on all standard single phase motors.
- Safety disconnect.

### Drive Components

- Variable pitch, cast iron drives, with oil resistant, non-static V-belts.

### Impeller

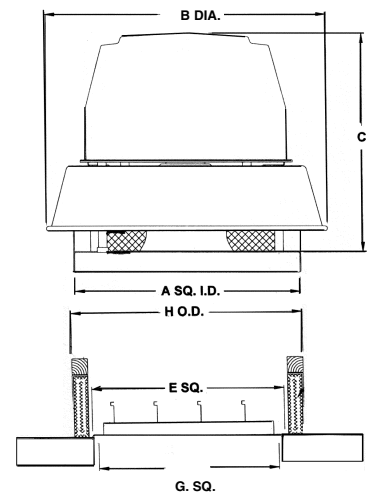
- Spark-resistant construction (AMCSA Type "C")



| Model   | HP   | RPM      | CFM @ Listed Static Pressure |      |      |      | Max. Sones | Price Each | Gravity Damper BDDH | Roof Curb CPC-3 |
|---------|------|----------|------------------------------|------|------|------|------------|------------|---------------------|-----------------|
|         |      |          | 0"                           | .25" | .50" | .75" |            |            |                     |                 |
| CRDA 06 | 1/10 | 775-1650 | 542                          | 459  | 360  | -    | 9.8        | \$278      | \$32                | \$58            |
| CRDA 08 | 1/10 | 775-1600 | 696                          | 611  | 529  | 373  | 10.4       | 278        |                     |                 |
| CRDA 10 | 1/10 | 825-1550 | 903                          | 801  | 674  | 459  | 9.7        | 288        |                     |                 |
| CRDA 12 | 1/8  | 570-1050 | 1188                         | 1014 | 792  | -    | 7.4        | 464        | \$42                | \$71            |
| CRDA 13 | 1/5  | 570-1140 | 1735                         | 1555 | 1356 | -    | 10.3       | 464        |                     |                 |
| CRDA 15 | 1/3  | 570-1140 | 2288                         | 2177 | 2016 | 1813 | 13.3       | 535        |                     |                 |

### Notes:

- 1) Model SC72W Speed control may be used for up to 50% speed reduction. Price each is \$28.
- 2) See page 26 for roof curbs.



| Model           | Ventilator Dimension |             |               | Roof Curb and Damper Dimension |                |             |             |
|-----------------|----------------------|-------------|---------------|--------------------------------|----------------|-------------|-------------|
|                 | Inside Curb-Cap A    | Unit DIA. B | Unit Height C | BDD Damper Size E              | Roof Opening G | Curb O.D. H | Unit Weight |
| CRDA 06, 08, 10 | 18                   | 10 7/8      | 12            | 12 1/2                         | 11 1/4         | 16 1/2      | 35          |
| CRDA 12, 13, 15 | 23                   | 28 5/8      | 22 1/2        | 17 1/2                         | 16 1/4         | 21 1/2      | 85          |

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PRICES SUBJECT TO CHANGE WITHOUT NOTICE! Minimum Order is \$25.00

## POWER ROOF VENTILATORS

### ILG Model CRBCA - Belt Drive

ILG Belt Drive Power Roof Ventilator has spun aluminum cover designed for high wind locations. Fan Performance Ratings are AMCA Certified for Air and Sound and are U.L. Listed. All motors are 115 volt, single phase.

#### Construction

- ILG "C Drive" bearings shall have a calculated L10 bearing life in excess of 1,000,000 hrs
- Factory mounted motor and drive with pre-set fan RPM.
- Spun and shaped aluminum construction.
- Positively ventilated motor compartment with motor out of the air stream.
- Vibration-Free Polypropylene Mesh Birdscreen.

#### Motors and Electrical

- U.L. 705 Listing.
- Integral motor thermal overload protection on all standard single phase motors.
- Safety disconnect.

#### Drive Components

- Variable pitch, cast iron drives, with oil resistant, non-static V-belts.

#### Impeller

- Spark-resistant construction (AMCA Type "C")

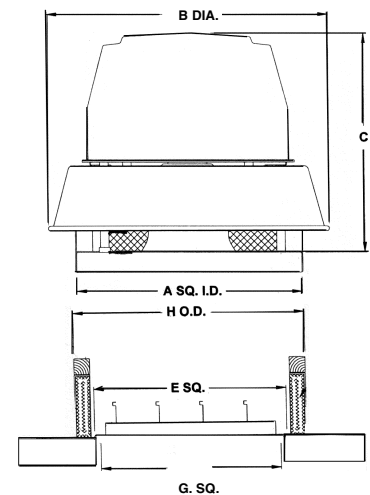


| Model    | HP   | RPM       | CFM @ Listed Static Pressure |           |           |           |           | Sones | Price Each | Gravity Damper BDDH | Roof Curb CPC-3 |
|----------|------|-----------|------------------------------|-----------|-----------|-----------|-----------|-------|------------|---------------------|-----------------|
|          |      |           | 0"                           | .25"      | .50"      | .75"      | 1"        |       |            |                     |                 |
| CRBCA 10 | 1/4H | 1646-2219 | 948-1278                     | 845-1200  | 734-1126  | 586-1047  | 540-955   | 17.8  | \$480      | \$32                | \$58            |
| CRBCA 12 | 1/3  | 1119-1585 | 1266-1793                    | 1105-1680 | 914-1566  | 666-1443  | 793-1297  | 15.5  | 544        | \$42                | \$71            |
| CRBCA 13 | 1/3  | 979-1352  | 1483-2048                    | 1269-1906 | 1010-1737 | 907-1562  | 111-1352  | 14.2  | 594        |                     |                 |
| CRBCA 15 | 1/2  | 979-1259  | 1938-2492                    | 1787-2399 | 1586-2245 | 1399-2076 | 1526-1899 | 14.1  | 624        | \$43                | \$109           |
| CRBCA 16 | 1/2  | 734-1064  | 2170-3145                    | 1862-2960 | 1427-2725 | 1634-2480 | 1659-2161 | 14.7  | 724        |                     |                 |

#### Notes:

- 1) Belt drive speed set at mid range.
- 2) See page 26 for roof curbs.

| Model          | Ventilator Dimension |             |               | Roof Curb and Damper Dimension |                |             |                |
|----------------|----------------------|-------------|---------------|--------------------------------|----------------|-------------|----------------|
|                | Inside Curb-Cap A    | Unit DIA. B | Unit Height C | BDD Damper Size E              | Roof Opening G | Curb O.D. H | Approx. Weight |
| CRBCA 10       | 18                   | 23 1/8      | 20 1/2        | 12 1/2                         | 11 1/4         | 16 1/2      | 60             |
| CRBCA 12,13,15 | 23                   | 28 5/8      | 22 1/2        | 17 1/2                         | 16 1/4         | 21 1/2      | 100            |
| CRBCA 16       | 30                   | 35 1/2      | 24 5/8        | 24 1/4                         | 23 1/4         | 28 1/2      | 130            |



## INLINE CENTRIFUGAL DUCT FANS

### ILG Model SQDA - Direct Drive

ILG Centrifugal Inline Standard Duct Fan. Performance ratings are AMCA Certified for Air and Sound and are U.L. Listed. All Motors are 115V, Single Phase.

#### Construction

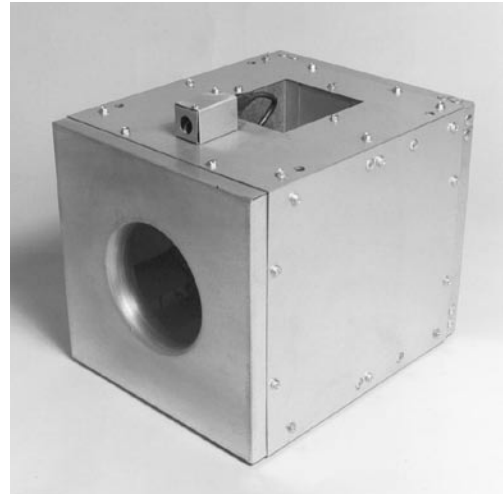
- Housing of durable mill galvanized steel.
- Three sides are removable providing access internally
- Factory mounted motor and drive with pre-set fan RPM.
- Backplate Fins draw cool air through motor.
- Low noise levels.

#### Motors and Electrical

- U.L. 705 Listing, Stock fans only.
- Integral Motor Thermal Overload Protection on all standard single phase motors.
- Safety disconnect.

#### Impeller

- Backward inclined aluminum blades.

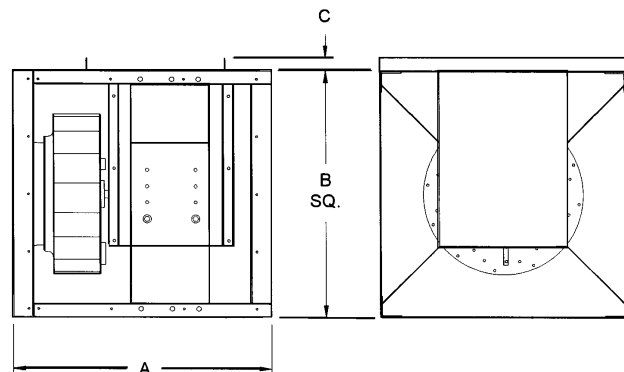


| Model   | Power HP | RPM  | CFM @ Listed Static Pressure |       |      |      |      | Sones | Price Each | Hanging Isolator+ Bracket | Gravity Damper BDDV |
|---------|----------|------|------------------------------|-------|------|------|------|-------|------------|---------------------------|---------------------|
|         |          |      | 0"                           | .125" | .25" | .50" | .75" |       |            |                           |                     |
| SQDA 10 | 1/10     | 1550 | 704                          | 663   | 612  | 536  | -    | 9.0   | \$290      | \$52                      | \$58                |
| SQDA 12 | 1/8      | 1050 | 1047                         | 955   | 856  | 618  | -    | 6.6   | 448        | \$52                      | \$68                |
| SQDA 13 | 1/5      | 1140 | 1615                         | 1525  | 1431 | 1218 | 936  | 9.0   | 608        | \$52                      | \$85                |
| SQDA 16 | 1/2      | 825  | 2226                         | 2042  | 1919 | 1568 | -    | 6.5   | 698        | \$52                      | \$105               |

#### Notes:

- 1) Model SC72W speed control may be used for up to 50% speed reduction. Price each is \$28.

| Model   | Dimensions Listed in Inches |        |       | Approx. Weight |
|---------|-----------------------------|--------|-------|----------------|
|         | A                           | B      | C     |                |
| SQDA 10 | 17                          | 14     | -     | 50             |
| SQDA 12 | 25 3/4                      | 18     | 1 3/8 | 120            |
| SQDA 13 | 26 3/8                      | 20     | 1 3/8 | 125            |
| SQDA 16 | 27 3/8                      | 25 1/2 | 1 3/8 | 200            |



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## INLINE CENTRIFUGAL DUCT FANS

### ILG Models **SQBA** - Belt Drive

ILG Centrifugal Inline Standard Duct Fan. Performance ratings are AMCA Certified for Air and Sound and are U.L. Listed. All Motors are 115V, Single Phase.

#### Construction

- Housing of durable mill galvanized steel.
- Three sides are removable providing access internally
- Factory mounted motor and drive with pre-set fan RPM.
- Backplate Fins draw cool air through motor.
- Low noise levels.
- Belt/Drive Guard.

#### Motors and Electrical

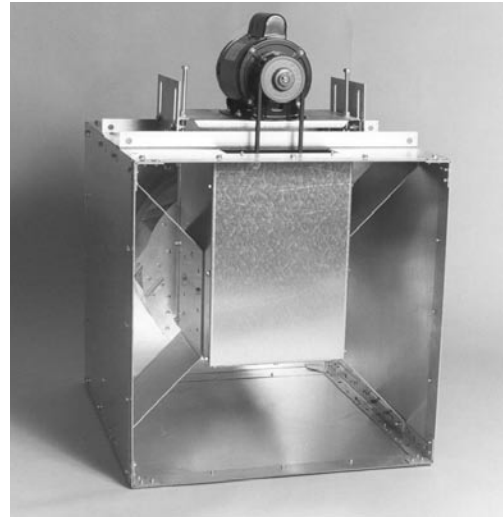
- U.L. 705 Listing, Stock fans only.
- Integral Motor Thermal Overload Protection on all standard single phase motors.
- Safety disconnect.

#### Drive Components

- Variable pitch, cast oil resistant, non-static V-belts.

#### Impeller

- Backward inclined aluminum blades.

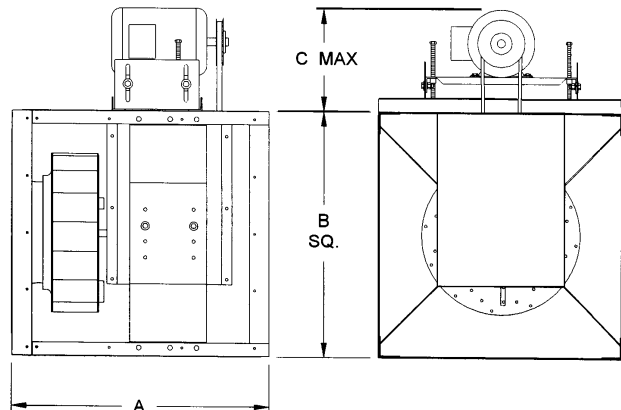


| Model   | Power HP | RPM       | CFM @ Listed Static Pressure |           |           |           | Sones | Price Each | Hanging Isolator + Bracket | Gravity Damper BDDV |
|---------|----------|-----------|------------------------------|-----------|-----------|-----------|-------|------------|----------------------------|---------------------|
|         |          |           | .125"                        | .25"      | .50"      | .75"      |       |            |                            |                     |
| SQBA 12 | 1/4      | 1078-1402 | 985-1323                     | 889-1261  | 661-1111  | 682-937   | 10.8  | \$788      | \$52                       | \$68                |
| SQBA 13 | 1/3      | 1132-1348 | 1513-1834                    | 1418-1757 | 1203-1590 | 916-1398  | 12.8  | 841        | 52                         | 85                  |
| SQBA 15 | 1/2      | 1119-1305 | 2042-2413                    | 1942-2326 | 1712-2150 | 1410-1929 | 15.8  | 885        | 52                         | 95                  |
| SQBA 16 | 3/4      | 1049-1211 | 2680-3137                    | 2553-3014 | 2374-2840 | 1628-2395 | 14.5  | 978        | 52                         | 105                 |

#### Notes:

- 1) Belt drive speed set at mid range.
- 2) Units are provided with belt guard not shown.

| Model   | Dimensions Listed in Inches |        |        | Approx. Weight |
|---------|-----------------------------|--------|--------|----------------|
|         | A                           | B      | C      |                |
| SQBA 12 | 25 3/4                      | 18     | 17 3/4 | 160            |
| SQBA 13 | 26 3/8                      | 20     | 17 3/4 | 190            |
| SQBA 15 | 27 7/8                      | 23     | 17 3/4 | 195            |
| SQBA 16 | 27 3/8                      | 25 1/2 | 17 3/4 | 250            |



"C" Dimension allows for belt/drive guard

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## UPBLAST PROPELLER FANS

### AMERICAN COOLAIR Type JTEBC

#### Application

JTEBC upblast PRV's are built of heavy gauge steel for rugged industrial service where the fan assembly must be located above the roof.

JTEBC PRV's are designed to operate reliably in environments where elevated temperature or contaminated air is present. The motor, belt(s), and bearings are isolated from the air stream.

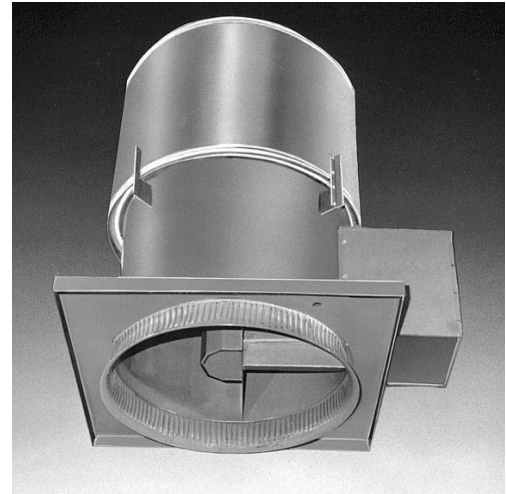
#### Construction

PRV base and curb cap shall be of welded steel construction, wind shroud and motor cover shall be galvanized steel. Dampers shall be of fiberglass for durability and quiet, maintenance-free operation. Motors shall be located outside airstream.

Ball bearings shall be of the heavy duty pillow-block type. PRV's shall be licensed to bear the AMCA Certified Ratings Seal for air and sound performance.

#### Standard Fan Features:

- Operates reliably in hostile environments
- Motor, belt(s) and bearings are isolated from the air stream
- All weather performance
- Constructed of heavy gauge steel
- Adjustable pitch cast aluminum airfoil blades
- Variable pitch pulleys (most models)
- Heavy duty pillow block ball bearings
- Motor cover
- UL Listed for Standard 705 (most models)



| Model    | Power HP | Volt/Phase | RPM   | 0"     | 1/4"   | 1/2"   | 3/4"   | Sones | Price |
|----------|----------|------------|-------|--------|--------|--------|--------|-------|-------|
| JTEBC18K | 3/4      | 115/1Ø     | 1,662 | 3,363  | 2,926  | 2,327  | --     | 24    | Call  |
| JTEBC24M | 1 1/2    | 230/460/3Ø | 1,380 | 8,210  | 7,196  | 6,040  | --     | 36    | Call  |
| JTEBC30N | 2        | 230/460/3Ø | 1,280 | 12,411 | 11,033 | 9,190  | --     | 35    | Call  |
| JTEBC36N | 2        | 230/460/3Ø | 1,060 | 15,265 | 13,258 | 10,340 | --     | 41    | Call  |
| JTEBC42P | 3        | 230/460/3Ø | 801   | 21,107 | 18,206 | 15,185 | --     | 31    | Call  |
| JTEBC42Q | 5        | 230/460/3Ø | 949   | 25,007 | 22,565 | 20,172 | 17,345 | 42    | Call  |
| JTEBC48P | 3        | 230/460/3Ø | 734   | 24,946 | 21,052 | --     | --     | 36    | Call  |
| JTEBC48Q | 5        | 230/460/3Ø | 875   | 29,738 | 26,501 | 23,055 | 17,781 | 49    | Call  |
| JTEBC54Q | 5        | 230/460/3Ø | 773   | 35,142 | 30,186 | 24,719 | --     | 51    | Call  |
| JTEBC60R | 7 1/2    | 230/460/3Ø | 717   | 48,592 | 42,441 | 34,997 | 26,812 | 62    | Call  |

#### Notes:

- 1) See page 40 for motor starters.
- 2) Additional sizes and performance are available. Please call your local L.R. Gorrell sales office for details.



The fans listed above are available for 4-day quick ship. Please call your local L.R. Gorrell office for details.

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PRICES SUBJECT TO CHANGE WITHOUT NOTICE! Minimum Order is \$25.00

# WALL PROPELLER FANS



## AMERICAN COOLAIR Type MB Package Fans

### Application

Type MB fan packages are specifically designed to provide for the general ventilation of commercial and industrial metal buildings.

These complete packages greatly simplify the specification and use of ventilation equipment in such structures.

They are shipped completely assembled and include the proper wall housing, fan unit, shutter and guard.

Installation of Type MB wall mounted fan packages is simplified by their compatibility with typical metal building construction.

American Coolair metal building fan packages are a practical and efficient means of exhausting air from pre-engineered metal buildings.

### Construction

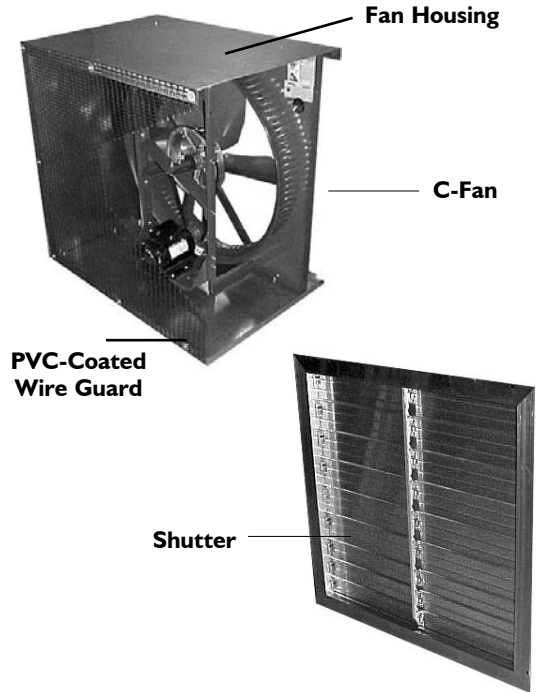
**MATERIALS:** The wall housing is fabricated of galvanized steel for rigidity, long life and years of protection against rust and corrosion.

The shutter frame and blades are aluminum. The interlocking shutter blades are reinforced with galvanized steel and pivot on stainless steel pins.

The fan panel and the uprights which support the motor and propeller are formed from heavy-gauge steel for maximum strength and rigidity. Steel parts are epoxy coated.

The guard is constructed of PVC coated steel wire with 1/2 x 1 inch spacing and complies with OSHA safety specifications.

Motors are totally enclosed air over.



### Standard Fan Features:

- Includes wall housing, fan, shutter and guard
- Simplified installation
- Unique fan/hub assembly providing extended bearing life
- Bearings permanently lubricated and sealed
- Six die formed steel propeller blades
- Variable pitch pulleys (most models)
- UL Listed for Standard 705 (most models)

| Model   | Power HP | Volt/Phase | RPM | 0"     | 1/4"   | 3/8"   | 1/2"   | Sones | Price |
|---------|----------|------------|-----|--------|--------|--------|--------|-------|-------|
| MBL24J  | 1/2      | 115/1      | 803 | 6,228  | 4,797  | --     | --     | 22    | \$770 |
| MBH24K  | 3/4      | 115/1      | 937 | 7,268  | 6,199  | --     | --     | 27    | 790   |
| MBL30J  | 1/2      | 115/1      | 592 | 8,326  | 5,353  | --     | --     | 16.3  | 845   |
| MBH30M  | 1 1/2    | 460/230/3  | 851 | 11,968 | 10,227 | 9,192  | 7,916  | 27    | 990   |
| MBL36K  | 3/4      | 115/1      | 533 | 12,051 | 7,952  | --     | --     | 20    | 980   |
| MBH36N  | 2        | 460/230/3  | 716 | 16,188 | 13,552 | 11,881 | 9,784  | 32    | 1180  |
| MBL42K  | 3/4      | 115/1      | 418 | 14,240 | 8,008  | --     | --     | 17.6  | 1100  |
| MBH42N  | 2        | 460/230/3  | 566 | 19,282 | 15,954 | 13,061 | 10,046 | 30    | 1240  |
| MBH48M  | 1 1/2    | 460/230/3  | 434 | 21,995 | 15,258 | --     | --     | 24    | 1460  |
| MBH48P  | 3        | 460/230/3  | 536 | 27,165 | 22,025 | 19,014 | --     | 33    | 1480  |
| MBHX48Q | 5        | 460/230/3  | 601 | 30,084 | 25,492 | 22,698 | 18,428 | 45    | 1910  |
| MBHX54P | 3        | 460/230/3  | 439 | 30,540 | 21,611 | --     | --     | 31    | 2050  |
| MBHX54Q | 5        | 460/230/3  | 521 | 36,245 | 29,482 | 24,675 | --     | 41    | 2150  |
| MBHX60Q | 5        | 460/230/3  | 481 | 40,601 | 33,120 | 28,118 | --     | 40    | 2700  |

### Notes:

- 1) See page 40 for motor starters.
- 2) Additional sizes and performance are available. Please call your local L.R. Gorrell sales office for details.



The fans listed above are available for 4-day quick ship. Please call your local L.R. Gorrell office for details.

## CEILING AND CABINET FANS

**American Coolair Model CFL** - ceiling and inline exhaust fans share the following features:

- AMCA Air and Sound ratings
- UL Listed
- Polymeric inlet grille sizes CF 670 through CFL 30
- Metal inlet grille sizes CFL 140 through CFL 150
- 120 VAC motors, thermally protected, plug style disconnect
- Motor Speed Control optional. See page 22
- Inline Adapters optional. See page 21

### Ceiling Fan Performance/Pricing

| Model Size | CFM @ Static Pressure |       |       |       |       |       |      | WATTS | Max. Sones | Weight | List Price |
|------------|-----------------------|-------|-------|-------|-------|-------|------|-------|------------|--------|------------|
|            | 0.00                  | 0.125 | 0.250 | 0.375 | 0.500 | 0.750 | 1.00 |       |            |        |            |
| CF 670     | 52                    | 49    | 42    | 29    | -     | -     | -    | 48    | 5.5        | 5      | \$39       |
| CF 684     | 89                    | 87    | 77    | 59    | -     | -     | -    | 48    | 3.9        | 8      | 72         |
| CFL 10     | 136                   | 109   | 93    | 80    | 65    | 12    | -    | 87    | 3.2        | 23     | 121        |
| CFL 15     | 181                   | 157   | 141   | 132   | 124   | 94    | -    | 100   | 4.2        | 24     | 124        |
| CFL 20     | 231                   | 210   | 196   | 186   | 177   | 144   | 51   | 127   | 5.3        | 23     | 152        |
| CFL 25     | 272                   | 259   | 250   | 242   | 233   | 201   | 99   | 166   | 5.8        | 24     | 159        |
| CFL 30     | 312                   | 308   | 303   | 296   | 287   | 254   | 125  | 212   | 5.6        | 24     | 163        |
| CFL 40     | 480                   | 434   | 388   | 344   | 299   | 182   | 33   | 146   | 5.6        | 34     | 252        |
| CFL 50     | 538                   | 514   | 491   | 463   | 434   | 339   | 186  | 232   | 6.7        | 34     | 281        |
| CFL 70     | 722                   | 701   | 667   | 640   | 607   | 534   | 333  | 313   | 7.2        | 34     | 306        |
| CFL 90     | 918                   | 901   | 877   | 842   | 793   | 636   | 390  | 306   | 5.3        | 65     | 400        |
| CFL 150    | 1578                  | 1513  | 1438  | 1371  | 1285  | 1103  | 816  | 468   | 8.6        | 65     | 442        |

**Note:** Data above for fans installed horizontally (ceiling mount)

### Inline Fan Performance

| Model Size | CFM @ Static Pressure |       |       |       |       |       |      | WATTS | Max. Sones | Weight |
|------------|-----------------------|-------|-------|-------|-------|-------|------|-------|------------|--------|
|            | 0.00                  | 0.125 | 0.250 | 0.375 | 0.500 | 0.750 | 1.00 |       |            |        |
| CFL 10     | 121                   | 106   | 97    | 93    | 86    | 44    | -    | 87    | 2.6        | 23     |
| CFL 15     | 153                   | 147   | 140   | 134   | 125   | 91    | 18   | 100   | 2.6        | 23     |
| CFL 20     | 205                   | 195   | 190   | 185   | 175   | 135   | 47   | 127   | 3.4        | 24     |
| CFL 25     | 248                   | 245   | 241   | 235   | 224   | 183   | 84   | 166   | 3.8        | 23     |
| CFL 30     | 300                   | 293   | 285   | 274   | 259   | 214   | 113  | 212   | 3.9        | 24     |
| CFL 40     | 450                   | 406   | 360   | 313   | 271   | 167   | 6    | 146   | 3.9        | 34     |
| CFL 50     | 546                   | 519   | 496   | 472   | 447   | 364   | 232  | 232   | 4.3        | 34     |
| CFL 70     | 704                   | 681   | 656   | 631   | 604   | 533   | 412  | 313   | 5.0        | 34     |
| CFL 90     | 930                   | 894   | 853   | 807   | 754   | 587   | 300  | 306   | 4.1        | 65     |
| CFL 150    | 1275                  | 1214  | 1152  | 1092  | 1029  | 871   | 631  | 468   | 6.1        | 65     |

**Note:** Data above for fans installed with inline adapter shown on page 21 for straight through air flow. Adapter may be installed for right angle air flow at reduced performance. Adaptor field installed.

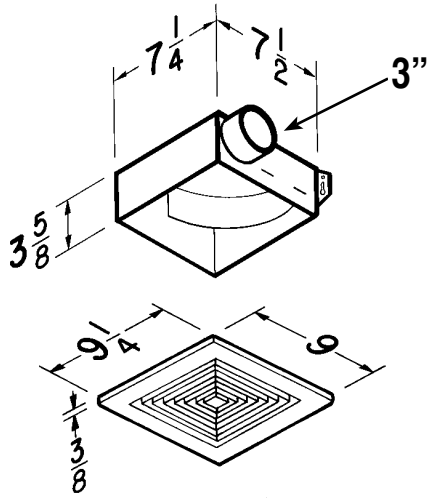
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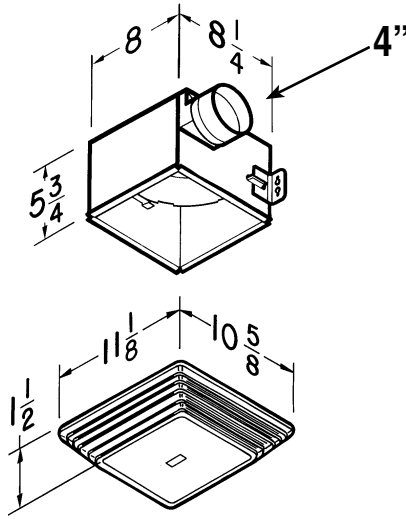


# CEILING FANS

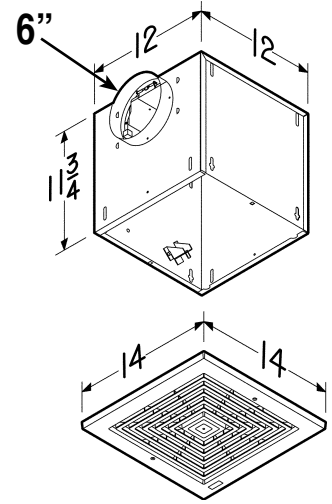
**MODEL CF670**



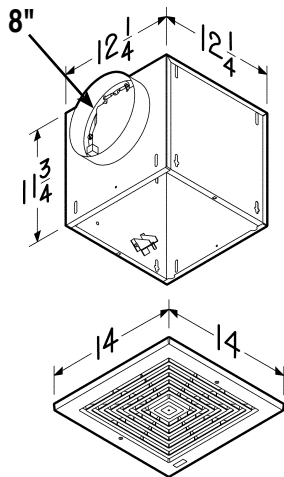
**MODEL CF684**



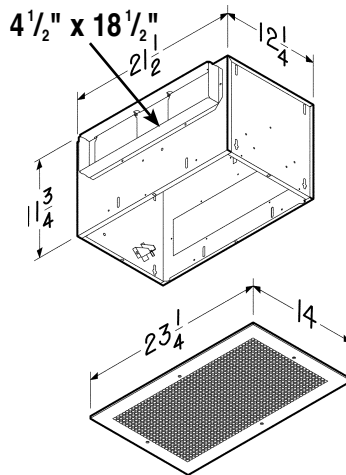
**MODEL CFL10  
MODEL CFL15**



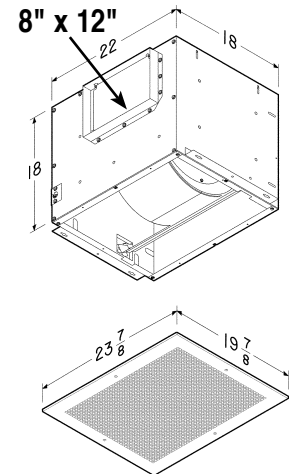
**MODEL CFL20  
MODEL CFL25  
MODEL CFL30**



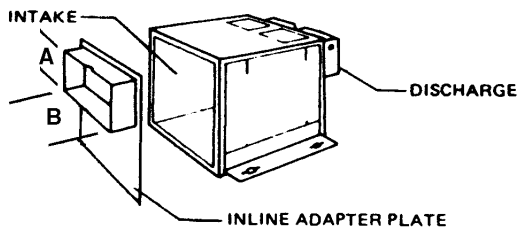
**MODEL CFL40  
MODEL CFL50  
MODEL CFL70**



**MODEL CFL90  
MODEL CFL150**



## INLINE ADAPTERS



- FOR FIELD CONVERSION TO INLINE DUCT FAN APPLICATIONS
- REMOVABLE BLOWER ASSEMBLY

| Model  | CFL Fan Sizes | A     | B      | Price Each |
|--------|---------------|-------|--------|------------|
| CF961L | 10-15         | 6     | Round  | \$20       |
| CF981L | 20-30         | 8     | Round  | 20         |
| CF982L | 40-70         | 4 1/2 | 18 1/2 | 29         |
| CF983L | 90-150        | 8     | 12     | 31         |



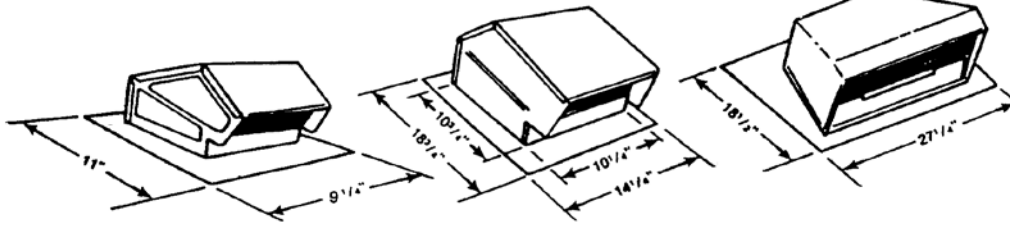
# CEILING AND CABINET FAN ACCESSORIES

## ROOF JACKS

Model **636**  
Fan Sizes CF684 & 670

Model **CFRC634P**  
Fan Sizes CFL100 - 300

Model **CFRC437**  
Fan Size CFL400 - 900



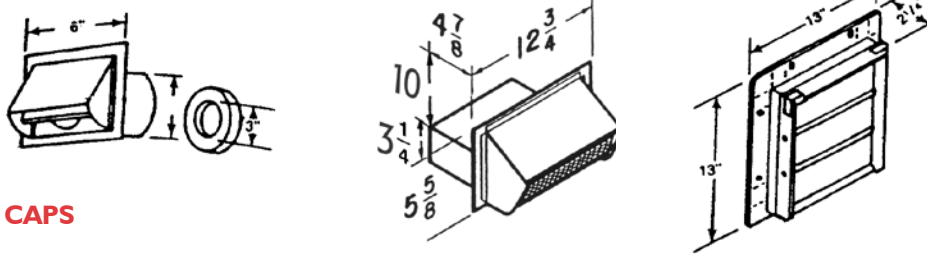
| Model   | Capacity CFM | Price Each |
|---------|--------------|------------|
| 636     | 70           | \$20       |
| C634P   | 300          | 38         |
| CFRC437 | 1200         | 117        |

## WALL CAPS

Model **642**  
Fan Sizes CF684 & 670

Model **639P**  
Fan Sizes CFL100-300

Model **CFWC441**  
Fan Size CFL400 - 700

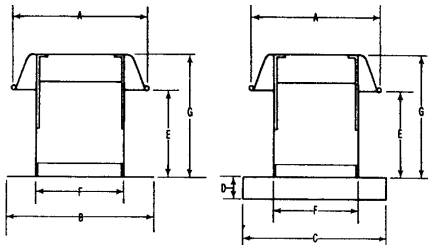


| Model              | Price Each |
|--------------------|------------|
| 642                | \$18       |
| 639P               | 22         |
| CFWC441            | 73         |
| 8" ø boot for 639P | 8          |

## ROOF CAPS

Model **CF611F & CF612F**  
Roof Cap - Flat

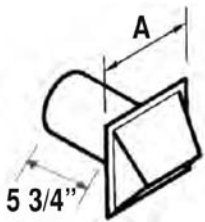
Model **CF611CM & CF612CM**  
Roof Cap - Curb



| Model   | A      | B  | C      | D     | E      | F      | G      | CPC-3 Curb Size | Price Each |
|---------|--------|----|--------|-------|--------|--------|--------|-----------------|------------|
| CF611F  | 11     | 15 |        |       | 7 1/2  | 7 5/8  | 10     | -               | \$43       |
| CF612F  | 18 5/8 | 20 |        |       | 11 1/8 | 12 1/8 | 15 5/8 | -               | 66         |
| CF611CM | 11 1/4 |    | 15 3/8 | 1 3/4 | 7 1/2  | 7 5/8  | 11 3/4 | 14 x 14         | 50         |
| CF612CM | 18 5/8 |    | 17 3/8 | 1 3/4 | 11 1/8 | 12 1/8 | 17 1/2 | 16 x 16         | 69         |

**Note:** 611 has 0.2" SP Drop @ 200 CFM  
612 has 0.2" SP Drop @ 700 CFM

## DRYER VENTS



- RECOMMENDED FOR ANY COMMERCIAL APPLICATION
- MADE OF 26-22 GA GALV. SATIN COATED METAL
- BUILT IN LIGHT WEIGHT ALUMINUM DAMPPER
- WALL MOUNT APPLICATION
- PAINTED BLACK FOR IDEAL COLOUR COORDINATION

| Model   | Size ø | A      | Price Each |
|---------|--------|--------|------------|
| DVS-6E  | 6      | 8.75"  | \$24       |
| DVS-8E  | 8      | 10.75" | 29         |
| DVS-10E | 10     | 12.75" | 42         |
| DVS-12E | 12     | 14.75" | 58         |

## SPEED CONTROLLERS



Model **SC**  
Solid State Variable Speed Switch  
For All Models

| Model | Use With Sizes | Price Each |
|-------|----------------|------------|
| SC72W | ALL FAN SIZES  | \$28       |

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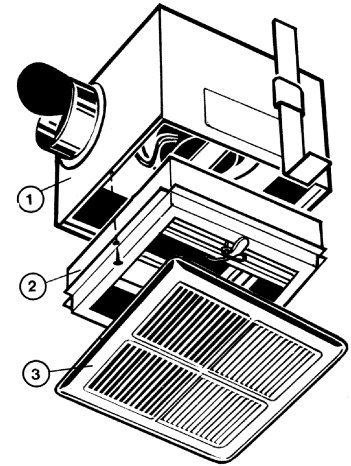
PRICES SUBJECT TO CHANGE WITHOUT NOTICE! Minimum Order is \$25.00

## FIRE RATED CEILING FANS

**REVERSOMATIC** Model **EB** and **QB** - Fire Fighter Ceiling Fans with Integral Fire Radiation Damper and Grille, ceiling fan w/grille only.

- 115/1 Phase Thermally Protected Motors
- Plug Style Disconnect
- Fire Fighter Models UL Listed 3-4 hours
- Low Profile Design

1. Reversomatic Exhaust Fan
2. Firefighter Radiation Damper. Fits inside Fan Housing
3. Ceiling Grille, Fits over Firefighter Damper



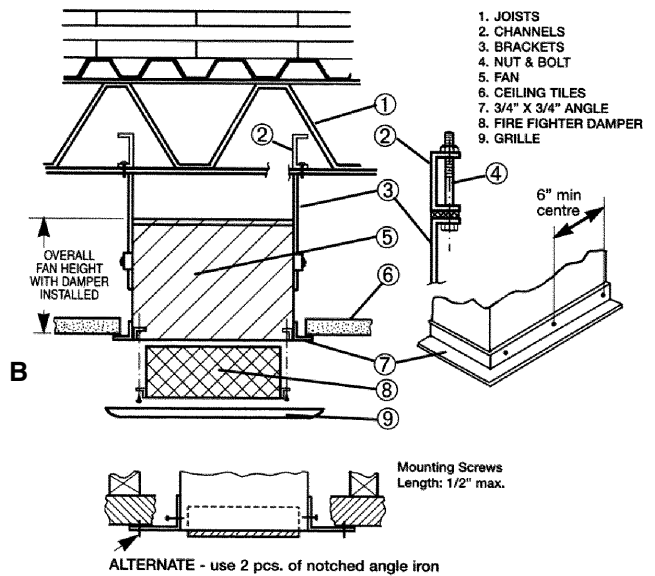
| Model     | CFM @ Listed Static Pressure |       |      |      |      |      |      | AMPS | SONES | Opening Size | "B" Dimension | Inlet Size ø |
|-----------|------------------------------|-------|------|------|------|------|------|------|-------|--------------|---------------|--------------|
|           | 0.0                          | 0.125 | 0.20 | 0.25 | 0.30 | 0.40 | 0.60 |      |       |              |               |              |
| FF-EB-60  | 65                           | 59    | 58   | 57   | 55   | 48   | 36   | 0.9  | 2.5   | 8" x 9"      | 7"            | 3            |
| FF-QB-100 | 115                          | 98    | 92   | 82   | 73   | 47   | -    | 0.6  | 2.5   | 9" x 9"      | 7 1/2"        | 4            |
| FF-QB-150 | 158                          | 149   | 143  | 134  | 126  | 102  | -    | 0.9  | 4.3   | 9" x 9"      | 7 1/2"        | 5            |
| FF-QB-200 | 201                          | 182   | 174  | 166  | 158  | 172  | 145  | 1.4  | 5.3   | 9" x 9"      | 7 1/2"        | 5            |

**Note:**

1) For Speed Control and Other Accessories See Page 22.

The typical installation instruction shown below is in our opinion the best method of installation. Our suggested method of installation was derived from a combination of UL guidelines and Reversomatic's engineering department.

| Fan Model | Price Each | FF Damper Model | Price Add FF Damper |
|-----------|------------|-----------------|---------------------|
| EB-60     | \$39       | FF-50           | \$65                |
| QB-100    | 81         | FF-100          | 69                  |
| QB-150    | 100        | FF-100          | 69                  |
| QB-200    | 119        | FF-100          | 69                  |



# RELIEF/INTAKE GRAVITY ROOF VENTILATORS

## AMERICAN COOLAIR Type ARVE Vents

### Applications

A low silhouette relief vent that is compatible with modern architectural lines and also matches ILG's power roof ventilators. Units used for intake should be selected to maintain flow rates at or below the maximum intake velocity of 600 FPM to prevent entrainment of moisture. For intake units, a maximum curb height of 12" is recommended.

### Optional Features:

- Two types of shutters available:
  - (a) automatic or gravity operated
  - (b) motor operated
- Prefabricated curbs
- Insect screen



### Construction

- Round spun aluminum hood
- Heavy gauge hood supports
- Anti-vibration bird screen
- Wide ranges of sizes for every need

| MODEL ARVE SIZE | Price Each | Freight Surcharge | Exhaust Gravity BDD | Intake Motorized Damper (120v) | Roof Curb Size | Price |
|-----------------|------------|-------------------|---------------------|--------------------------------|----------------|-------|
| 12              | \$148      | none              | \$52                | \$252                          | 16             | \$58  |
| 16              | 216        | \$45              | 72                  | 272                            | 21             | 71    |
| 20              | 258        | 45                | 86                  | 305                            | 28             | 109   |
| 25              | 390        | 45                | 105                 | 325                            | 32             | 149   |

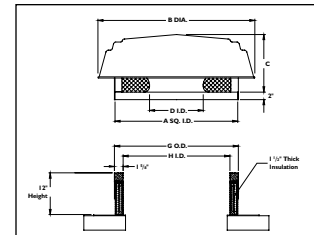
## PERFORMANCE TABLES

| UNIT SIZE                      |            | 12    | 16    | 20    | 25    |
|--------------------------------|------------|-------|-------|-------|-------|
| Throat Area (Ft <sup>2</sup> ) |            | 0.785 | 1.40  | 2.18  | 3.40  |
| 500                            | THROAT VEL | 637   | 357   | 229   | 147   |
| CFM                            | PD         | 0.048 | 0.014 | 0.004 | 0.003 |
| 1000                           | THROAT VEL | 1274  | 714   | 459   | 294   |
| CFM                            | PD         | 0.193 | 0.054 | 0.018 | 0.011 |
| 1500                           | THROAT VEL |       | 1071  | 688   | 441   |
| CFM                            | PD         |       | 0.123 | 0.040 | 0.025 |
| 2000                           | THROAT VEL |       | 1429  | 917   | 588   |
| CFM                            | PD         |       | 0.218 | 0.070 | 0.045 |
| 3000                           | THROAT VEL |       |       | 1376  | 882   |
| CFM                            | PD         |       |       | 0.158 | 0.101 |
| 4000                           | THROAT VEL |       |       |       | 1176  |
| CFM                            | PD         |       |       |       | 0.180 |
| 5000                           | THROAT VEL |       |       |       | 1471  |
| CFM                            | PD         |       |       |       | 0.281 |

| UNIT SIZE                      |            | 12    | 16    | 20    | 25    |
|--------------------------------|------------|-------|-------|-------|-------|
| Throat Area (Ft <sup>2</sup> ) |            | 1.59  | 3.07  | 6.38  | 6.97  |
| 100                            | INTAKE VEL | 63    | 33    |       |       |
| CFM                            | PD         | 0.006 | 0.001 |       |       |
| 200                            | INTAKE VEL | 126   | 65    | 31    | 29    |
| CFM                            | PD         | 0.024 | 0.005 | 0.002 | 0.001 |
| 400                            | INTAKE VEL | 251   | 130   | 63    | 57    |
| CFM                            | PD         | 0.094 | 0.021 | 0.008 | 0.005 |
| 600                            | INTAKE VEL | 377   | 195   | 94    | 86    |
| CFM                            | PD         | 0.212 | 0.046 | 0.017 | 0.011 |
| 800                            | INTAKE VEL | 503   | 260   | 125   | 115   |
| CFM                            | PD         | 0.378 | 0.082 | 0.048 | 0.030 |
| 1000                           | INTAKE VEL |       | 326   | 157   | 144   |
| CFM                            | PD         |       | 0.129 | 0.048 | 0.030 |
| 2000                           | INTAKE VEL |       |       | 314   | 287   |
| CFM                            | PD         |       |       | 0.191 | 0.120 |



| Unit Size | Ventilator Dimensions |                                |                                |    | Roof Curb Dimensions           |                                |                                |                                |
|-----------|-----------------------|--------------------------------|--------------------------------|----|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
|           | A                     | B                              | C                              | D  | E                              | F                              | G                              | H                              |
| 12        | 18                    | 20 <sup>7</sup> / <sub>8</sub> | 13                             | 12 | 24 <sup>1</sup> / <sub>2</sub> | 11 <sup>1</sup> / <sub>4</sub> | 16 <sup>1</sup> / <sub>2</sub> | 13 <sup>1</sup> / <sub>4</sub> |
| 16        | 23                    | 28 <sup>5</sup> / <sub>8</sub> | 12 <sup>3</sup> / <sub>8</sub> | 16 | 29 <sup>1</sup> / <sub>2</sub> | 16 <sup>1</sup> / <sub>4</sub> | 21 <sup>1</sup> / <sub>2</sub> | 18 <sup>1</sup> / <sub>4</sub> |
| 20        | 30                    | 39 <sup>5</sup> / <sub>8</sub> | 15 <sup>3</sup> / <sub>8</sub> | 20 | 36 <sup>1</sup> / <sub>2</sub> | 23 <sup>1</sup> / <sub>4</sub> | 28 <sup>1</sup> / <sub>2</sub> | 25 <sup>1</sup> / <sub>4</sub> |
| 25        | 34                    | 43 <sup>5</sup> / <sub>8</sub> | 16 <sup>3</sup> / <sub>4</sub> | 25 | 40 <sup>1</sup> / <sub>2</sub> | 27 <sup>1</sup> / <sub>4</sub> | 32 <sup>1</sup> / <sub>2</sub> | 29 <sup>1</sup> / <sub>4</sub> |



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**nyb** FANS SHIP FROM STOCK IN  
24 TO 48 HOURS

|                |  |
|----------------|--|
| <b>One-day</b> | Fans with no modifications, including the listed available accessories that “ship with”, will ship “next day” on orders received in Willowbrook by 10 AM.          |
| <b>Two-day</b> | Fans with dampers mounted, stock motors/drives, “installed” and/or fan discharge repositioned, will ship in “two days” on orders received in Willowbrook by 10 AM. |



Fans for fast track requirements are now available from New York Blower. **nyb**'s FFS program (fans from stock) makes **nyb**'s most popular fans available for shipment in as little as 24 hours. Fans ship from La Porte, IN.

\*\*For your complete **nyb** details and pricing, call your local L.R. Gorrell Company branch office.\*\*

| <b>General Ventilation Products</b>  | <b>Sizes</b> | <b>CFM @ 0" S.P.</b> |
|--|--------------|----------------------|
| <b>General Purpose Fan</b><br>ARR. 10 utility sets provided with:  | 12 - 22      | 687 - 9,689          |
| <ul style="list-style-type: none"> <li>• PLR (Backward Incline) wheel</li> <li>• Positive Screw Belt Adjustment</li> <li>• Flanged Inlet/Outlet</li> </ul> | 24 - 36      | 2,759 - 26,043       |



| <b>Process Ventilation Fans</b>  | <b>Sizes</b> | <b>CFM @ 0" S.P.</b> |
|--|--------------|----------------------|
| <b>Series 20 GI</b><br>ARR. 10 utility sets provided with:   | 144 - 264    | 429 - 7,192          |
| <ul style="list-style-type: none"> <li>• LS wheel</li> <li>• Positive Screw Belt Adjustment</li> <li>• Flanged Inlet/Outlet</li> </ul> | 294 - 364    | 1,590 - 13,978       |



| <b>Corrosion Resistant Products</b>  | <b>Sizes</b> | <b>CFM @ 0" S.P.</b> |
|--|--------------|----------------------|
| <b>GFE - Fiberglass Fans</b><br>ARR. 10 utility sets provided with:  | 12           | 800 - 2,800          |
| <ul style="list-style-type: none"> <li>• Flanged Inlet/Outlet</li> <li>• Inlet/Outlet Flanges Drilled</li> </ul> | 18           | 1,600 - 7,500        |
|  | 24           | 5,000 - 1,400        |
| <b>RFE - Fiberglass Fans</b><br>ARR. 10 utility sets provided with:  | 200          | 200 - 1,400          |
| <ul style="list-style-type: none"> <li>• Inlet/Outlet Flanges Drilled</li> </ul>                                 | 315          | 200 - 3,200          |
|  | 400          | 500 - 5,500          |



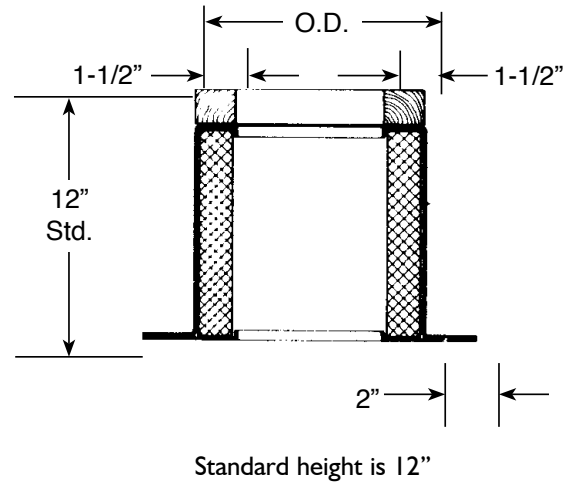
**Accessories available for all of the above:**  
**WeatherCover/Belt Guard, RIS/Spring Isolation Rails, Stock Motors & Drives**

## ROOF CURBS / EQUIPMENT SUPPORTS

### ROOF CURBS

Model **CPC-3** - 18 Gauge Galvanized Steel Shell, Continuous Welded Corner Seams, Integral Base Plate  
2"x 2" Pressure Treated Wood Nailer and 1 1/2" Thick Fiberglass Board Insulation.

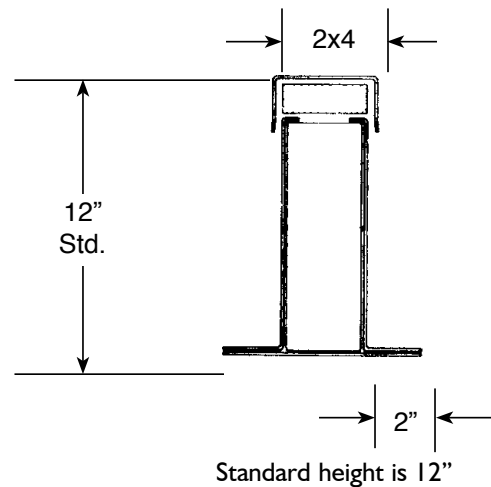
| Model | Curb O.D. Size | Price Each | ILG Models             |                    |
|-------|----------------|------------|------------------------|--------------------|
|       |                |            | Fans                   | Vents              |
| CPC-3 | 14" x 14"      | \$58       | -                      | 611 CM             |
| CPC-3 | 16" x 16"      | 58         | CRDA 6-10,<br>CRBCA 10 | ARVE-12,<br>612 CM |
| CPC-3 | 21.5" x 21.5"  | 71         | CRBCA 12-15            | ARVE-16            |
| CPC-3 | 28.5" x 28.5"  | 109        | CRBCA 16               | ARVE-20            |
| CPC-3 | 32.5" x 32.5"  | 149        | -                      | ARVE-25            |



### EQUIPMENT SUPPORTS

Model **CPES-3** - 18 Gauge Galvanized Steel Shell, Continuous Welded Corner Seams, 2' X 4' Pressure Treated Wood Nailer, Galvanized Steel Counter-Flashing and Integral Base Plate with Integral Reinforcement.

| Model  | Support Length | Price Each |
|--------|----------------|------------|
| CPES-3 | 3'             | \$70       |
| CPES-6 | 6'             | 139        |



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