



TRIANGLE ENGINEERING PRESENTS

# Affordable Comfort Cooling

Comfort Cooler<sup>®</sup>  
and  
Comfort Aide<sup>®</sup>  
Whole House  
Fans



# Comfort Cooler<sup>®</sup> and

Triangle's whole house fans will lower your cooling bills by bringing in cool, fresh air and exhausting warm, stale air, making your home more comfortable. Moving air at 85° feels as cool as still air at 78°, so you can run your air conditioning unit less.

The existing soffits, gable louvers, turbine ventilators and ridge vents in your attic serve as outlets for the old hot air.

Fabricated from heavy steel with a baked powder-coat finish, these fans are durable and whisper quiet. Along with Triangle's automatic ceiling shutters, the Comfort Cooler or Comfort Aide is an easy-to install, service-free unit.

## Comfort Cooler<sup>®</sup>

- ◆ One or two-speed motor
- ◆ Wall switch is standard with two-speed fan
- ◆ Patented automatic belt adjusting
- ◆ Deep pitch four-wing blade for maximum air movement
- ◆ Rubber mounted, sealed fan shaft bearings
- ◆ 1" x 4" Wood frame, ready to install
- ◆ Rubber damper between fan and wood frame for quieter operation
- ◆ Heavy gauge steel welded construction
- ◆ Die cast aluminum hub and balanced blades
- ◆ Optional shutter to eliminate joist cutting on fans up to and including 42"
- ◆ UL listed

### COMFORT COOLER<sup>®</sup>

5 MODELS - Sizes 24" thru 48"



### COMFORT AIDE<sup>®</sup>

2 MODELS - Sizes 24" and 30"

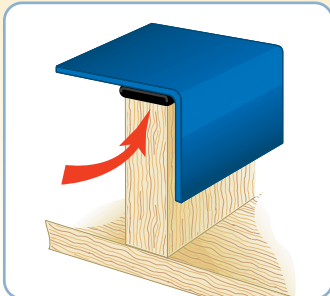
## Comfort Aide<sup>®</sup>

- ◆ Two-speed direct drive motor
- ◆ Pull chain operation or optional two-speed wall switch
- ◆ Rubber mounted motor mounts for quieter operation
- ◆ Three-wing blade pitched at maximum angle to permit good air flow
- ◆ Heavy gauge steel welded construction
- ◆ Die cast aluminum hub and balanced blades
- ◆ No joists to cut with standard CSS shutter included with fan
- ◆ Easy installation
- ◆ UL listed

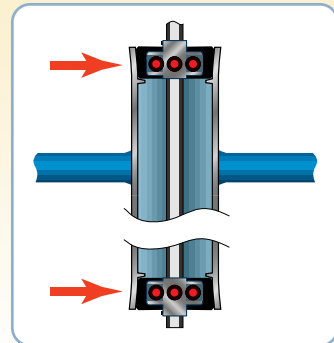
# Comfort Aide® Fans



*Triangle's exclusive patented "Automatic Belt Tensioning" Extends motor life and eliminates the need for manual belt adjusting.*



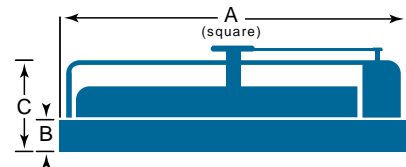
*The Comfort Cooler features a rubber-mounted deck for quiet operation and sealed ball bearings for longer life...*



LISTED  
FAN  
232N

## FAN MODEL NUMBER EXPLANATION

Model Name: CC 42 2 3  
 Comfort Cooler or Comfort Aide    Blade Diameter    Motor Speed    Horsepower:  
 1 = 1/4 HP  
 2 = 1/3 HP  
 3 = 1/2 HP



## COMFORT COOLER®

| Model  | Blade Diam. | Horse Power | Free Air (C.F.M.) Hi-Lo | Blade R.P.M. Hi-Lo | Watts Hi - Lo (speed) | Shipping Weight LBS. | Carton Cu.Ft. | Dimensions |    |     | Cools Sq. Ft. | Min. Free Exhaust Area Req'd. |
|--------|-------------|-------------|-------------------------|--------------------|-----------------------|----------------------|---------------|------------|----|-----|---------------|-------------------------------|
|        |             |             |                         |                    |                       |                      |               | A          | B  | C   |               |                               |
| CC2422 | 24"         | 1/3         | 5,200 - 3,467           | 635-423            | 520 - 347             | 57                   | 9.69          | 30"        | 4" | 15" | up to 800     | 8 sq.ft.                      |
| CC3012 | 30"         | 1/3         | 7,500                   | 510                | 550                   | 62                   | 13.88         | 34"        | 4" | 15" | 800 - 1200    | 10                            |
| CC3022 | 30"         | 1/3         | 7,500 - 5,000           | 510 - 340          | 550 - 367             | 62                   | 13.88         | 34"        | 4" | 15" | 800 - 1200    | 10                            |
| CC3612 | 36"         | 1/3         | 10,500                  | 470                | 570                   | 77                   | 18.82         | 40"        | 4" | 15" | 1200 - 1800   | 12                            |
| CC3622 | 36"         | 1/3         | 10,500 - 7,000          | 470 - 313          | 570 - 380             | 77                   | 18.82         | 40"        | 4" | 15" | 1200 - 1800   | 12                            |
| CC4223 | 42"         | 1/2         | 15,455 - 10,303         | 340 - 227          | 850 - 567             | 91                   | 24.50         | 46"        | 4" | 15" | 2200 - 3200   | 18                            |
| CC4823 | 48"         | 1/2         | 17,025 - 11,350         | 305 - 203          | 870 - 580             | 107                  | 30.94         | 52"        | 4" | 15" | 2500 - 3200   | 22                            |

## COMFORT AIDE®

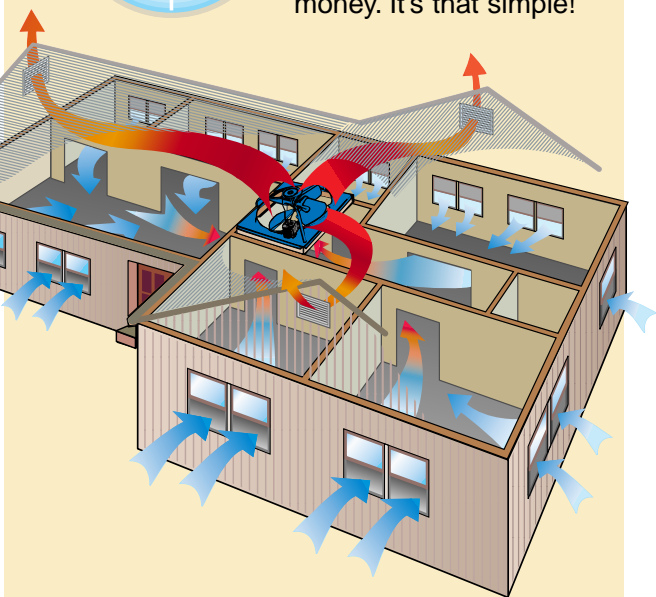
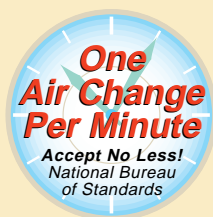
|          |     |     |               |           |           |    |      |     |    |    |            |    |
|----------|-----|-----|---------------|-----------|-----------|----|------|-----|----|----|------------|----|
| CA2421-S | 24" | 1/4 | 4,700 - 4,060 | 810 - 700 | 450 - 380 | 36 | 5.11 | 30" | 4" | 9" | 600 - 800  | 8  |
| CA3021-S | 30" | 1/4 | 6,000 - 5,130 | 795 - 680 | 480 - 410 | 41 | 6.54 | 34" | 4" | 9" | 800 - 1000 | 10 |

A whole house fan which moves cooling air throughout your home, with only one small energy-efficient motor, will give you comfortable cooling at tremendous savings over refrigerated air.

We're suggesting that if you use your whole house fan when the temperature is 85° or below, and your air conditioner on days above 85°, you'll be receiving maximum comfort with greatly reduced electricity bills.

About 90% less!

Triangle's whole house fans keep you cool while saving you money. It's that simple!



## SIZING

Whole house fans are rated by CFM (cubic feet per minute) air exchange capacity. Well-established Industry standards recommend using a fan that will change all of the air in your house once every minute (in cooler climates, once every 1½ minutes).

To determine the proper size fan, multiply the square feet in your home by the ceiling height. Select the whole house fan which has equal or greater CFM performance as the calculated figure.

***Be Sure to  
Look for These Other  
Quality Triangle Products***

- ◆ *“Heat Buster” Belt Drive  
Portable Coolers*
- ◆ *Direct Drive  
Portable Coolers*
- ◆ *Dolly Mounted  
Portable Coolers*
- ◆ *“Master Breeze”  
Pedestal Fans*
- ◆ *Agricultural Fans*
- ◆ *Industrial Exhaust  
Fans and Shutters*
- ◆ *“Jet Aire”  
High Velocity Fans*

*For more information, contact a Triangle  
Dealer or Distributor near you...*

# Automatic Ceiling Shutters

Triangle's automatic ceiling shutters feature heavy-duty extruded aluminum frames and louvers mounted on polyethylene bearings for smooth, silent operation.

The shutters are precision balanced for years of maintenance-free service.

The louvers open and close automatically

when the fan is turned on and off, keeping out air, insects and dust.

The white enamel finish blends with any decor and helps beautify your home.

## Standard Ceiling Shutter



## No-Cut Joist Shutter



| Model | Fan Size | Outside Dimension | Inside Dimension | Ship. Wt. | Carton Cu.Ft. |
|-------|----------|-------------------|------------------|-----------|---------------|
| AS10  | 24"      | 26" x 26"         | 24" x 24"        | 6         | 1.25          |
| AS11  | 30"      | 32" x 32"         | 30" x 30"        | 12        | 1.33          |
| AS13  | 30"      | 32" x 38"         | 30" x 36"        | 13        | 1.63          |
| AS14  | 30"      | 34" x 36"         | 32" x 34"        | 14        | 1.83          |
| AS15  | 36"      | 35" x 38"         | 33" x 36"        | 9         | 2.18          |
| AS16  | 36"      | 34" x 45"         | 32" x 43"        | 10        | 2.49          |
| AS18  | 42"      | 36" x 48"         | 34" x 46"        | 22        | 3.39          |
| AS26  | 48"      | 38" x 58"         | 36" x 56"        | 13        | 3.58          |

| Model  | Fan Size | Outside Dimension | Inside Dimension | Ship. Wt. | Carton Cu.Ft. |
|--------|----------|-------------------|------------------|-----------|---------------|
| CSS-24 | 24"      | 24" x 32"         | 22" x 30"        | 10        | 1.01          |
| CSS-30 | 30"      | 32" x 35"         | 30" x 33"        | 8         | 1.45          |
| CSS-36 | 36"      | 32" x 43"         | 30" x 41"        | 10        | 1.80          |
| CSS-42 | 42"      | 38" x 49"         | 36" x 47"        | 15        | 2.84          |

**OPENING SIZES** - Installs centered on a joist with 16" or 24" centers. Cut two openings, one on each side of center joist per shutter model:

| Model   | Fan Size | Opening Size                            |
|---------|----------|---|
| CSS-24  | 24"      | 10 $\frac{1}{4}$ " x 30 $\frac{1}{4}$ " |
| CSS-30  | 30"      | 14 $\frac{1}{4}$ " x 34 $\frac{1}{4}$ " |
| CSS-36  | 36"      | 14 $\frac{1}{4}$ " x 41 $\frac{1}{4}$ " |
| *CSS-42 | 42"      | 17 $\frac{1}{4}$ " x 46 $\frac{3}{4}$ " |

\*For 24" o.c. joists only



**TRIANGLE ENGINEERING**  
OF ARKANSAS, INC.

E-mail: [mail@trianglefans.com](mailto:mail@trianglefans.com) • Website: [www.trianglefans.com](http://www.trianglefans.com)

1101 North Redmond Road • Jacksonville, Arkansas 72076

(501) 982-7558 • **1-800-255-9014** • Fax (501) 982-5691

