

SMART.
QUIET.
COOL.



CHILL® PREMIER
SERIES

Window and Through-the-Wall
Room Air Conditioners

 **FRIEDRICH**
DELIVERING BOLDLY CRAFTED COMFORT



Stay cool and connected with quiet comfort anytime, anywhere



HOME OR AWAY, YOU'RE IN CONTROL WITH THE FRIEDRICHGO™ APP

Connect in minutes

It's easy with our simplified set up process

Easily set your home, away and night time preferences

Create a custom cooling and heating schedule that fits your lifestyle

You're in control anytime, anywhere

Power your unit on and off, change temperature, system mode, and adjust fan speeds no matter where you are

Why FriedrichGo™?

By maintaining even temperatures with centralized controls, you reduce wasted energy and lower utility and maintenance costs while extending the life of your equipment.



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QuietMaster® Technology

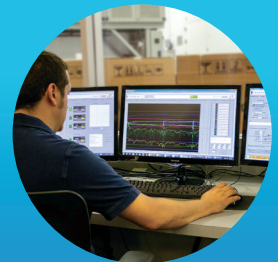
UP TO 25% QUIETER¹ THAN OTHER ROOM AIR CONDITIONERS

Building the quietest air conditioners begins with the design process and continues through the selection of superior components and materials.

It is shaped by skilled manufacturing and refined through on-going products testing in our engineering lab.

The result is a noticeably quieter cooling and heating experience, as much as 25% quieter than competitor's products.

¹Based on testing conducted at Friedrich's Design and Development Center in comparison to leading rotary compressor models.



Chill[®] Premier

Boldly crafted with the following outstanding features

Available in fixed/window only models (CCF - Cool only) and slide-out/window & through-the-wall models (CCW - Cool only, CEW - Cool & Electric heat)

Smart Control Features

- Built-in Wi-Fi control on the go with the FriedrichGo™ App
- Smart home / voice command device compatibility (Amazon Alexa or Google Home)
- 24-hour timer
- Remote Control



QuietMaster[®] Technology

- Heavy duty insulation on inner wall for sound absorption
- Stiffened sheet metal casing to block external noise
- Wide air discharge vents optimize airflow and minimize front panel noise
- Counterweights dampen vibration and decrease sound

Reliable Construction

- Both the indoor and outdoor coils are corrosion protected for a longer life cycle

Comfort & Convenience

- 3 cooling and fan-only speeds, plus auto fan (CCF & CCW models)
- 3 cooling, heating, and fan-only speeds, plus auto fan (CEW models)
- Sleep setting
- Auto restart saves settings if power is interrupted
- 8-way air flow control
- Washable air filter

Earth Friendly

- Money Saver[®] saves money by mimizing system operation time
- R-32 refrigerant with low Global Warming Potential



Installation Features

- One-piece frame (fixed chassis) for simplified and fast installation in windows only (CCF models)
- Slide-out chassis for installation in window or through-the-wall (CCW & CEW models)
- Standard installation hardware included
- Expandable side curtains



- This is a bullet for a sustainability feature.
- This is a bullet for a standard feature

Chill[®] Premier

Model Information

SPECIFICATIONS

Fixed Chassis (Window Installation)

| Model | Cooling Btu | Volts Rated | Cooling Amps | Cooling Watts | EER | CEER | Estimated Yearly Energy Cost | Moisture Removal-Pints/HR | Refrigerant | CFM | Wt. Net/Ship Lbs. |
|--|-------------|-------------|--------------|---------------|------|------|------------------------------|---------------------------|-------------|-----|-------------------|
| FIXED CHASSIS, COOL ONLY (WINDOW INSTALLATION ONLY) | | | | | | | | | | | |
| CCF05B10C | 5,000 | 115 | 4.5 | 460 | 11.0 | 11.0 | \$44 | 0.6 | R-32 | 165 | 45/50 |
| CCF06B10C | 6,000 | 115 | 6.0 | 550 | 11.0 | 11.0 | \$54 | 0.9 | R-32 | 135 | 46/51 |
| CCF08B10C | 8,000 | 115 | 6.7 | 690 | 11.5 | 11.4 | \$68 | 1.0 | R-32 | 188 | 46/51 |
| CCF10B10C | 10,000 | 115 | 9.5 | 870 | 11.5 | 11.4 | \$85 | 1.2 | R-32 | 218 | 50/55 |
| CCF12B10C | 12,000 | 115 | 11.0 | 1,040 | 11.5 | 11.4 | \$102 | 1.5 | R-32 | 270 | 65/71 |
| CCF14B10B | 14,000 | 115 | 12.0 | 1,230 | 11.4 | 11.3 | \$105 | TBD | R-32 | 306 | 72/78 |

Slide-out Chassis (Window & Through-the-Wall Installation)

| Model | Cooling Btu | Heating Btu | Volts Rated | Cooling Amps | Cooling Watts | Heating Amps | Heating Watts | EER | CEER | Estimated Yearly Energy Cost | Moisture Removal-Pints/HR | Refrigerant | CFM | Wt. Net/Ship Lbs. |
|--------------------------------|-------------|-------------|-------------|--------------|---------------|--------------|---------------|------|------|------------------------------|---------------------------|-------------|-----|-------------------|
| COOL ONLY | | | | | | | | | | | | | | |
| CCW06B10C | 6,000 | — | 115 | 6.0 | 550 | - | - | 11.0 | 11.0 | \$54 | 0.9 | R-32 | 194 | 54/61 |
| CCW08B10C | 8,000 | — | 115 | 8.0 | 730 | - | - | 10.9 | 10.9 | \$72 | 1.0 | R-32 | 194 | 55/62 |
| CCW10B10B | 10,000 | — | 115 | 10 | 890 | - | - | 11.5 | 11.4 | \$95 | 2.7 | R-32 | 270 | 70/77 |
| CCW12B10B | 12,000 | — | 115 | 12 | 1,065 | - | - | 11.5 | 11.4 | \$107 | 3.6 | R-32 | 259 | 77/85 |
| CCW15B10B | 15,000 | — | 115 | 12.0 | 1,270 | - | - | 11.9 | 11.8 | \$125 | 4.22 | R-32 | 370 | 96/110 |
| CCW18B30B | 18,000 | — | 230 | 8.8 | 1,580 | - | - | 11.4 | 11.3 | \$149 | 5.7 | R-32 | 382 | 105/119 |
| CCW24B30B | 24,000 | — | 230 | 13.6 | 2,420 | - | - | 9.9 | 9.8 | \$227 | 7.8 | R-32 | 480 | 122/134 |
| COOL WITH ELECTRIC HEAT | | | | | | | | | | | | | | |
| CEW08B11B | 8,000 | 4,000 | 115 | 7.2 | 730 | 12.0 | 1,320 | 12.0 | 10.9 | \$61 | 2.1 | R-32 | 211 | 55/61 |
| CEW12B33B | 12,000 | 11,000 | 230 | 6.0 | 1,090 | 16.0 | 3,500 | 16.0 | 10.9 | \$96 | 3.6 | R-32 | 270 | 78/86 |
| CEW18B33B | 18,000 | 10,600 | 230 | 7.1 | 1,680 | 16.0 | 3,500 | 16.0 | 10.7 | \$159 | 5.3 | R-32 | 411 | 109/123 |
| CEW24B33B | 24,000 | 10,600 | 230 | 12.5 | 2,445 | 16.0 | 3,500 | 16.0 | 9.4 | \$222 | 7.8 | R-32 | 480 | 125/137 |

Uses R-32 refrigerant with low Global Warming Potential.

Your energy costs will depend on your utility rates and use. The estimated energy cost is based on an electricity cost of \$.13 per kWh.

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.

EER is the unit's Energy Efficiency Ratio; CEER is the unit's Combined Energy Efficiency Ratio.



WINDOW INSTALLATION ONLY

| Model | Height Inches | Width Inches | Depth Inches | Depth From Front to Louvers | Window Width Inches | | Carton Dimensions Inches | | |
|---------------------------------|---------------|--------------|--------------|-----------------------------|---------------------|---------|--------------------------|--------|--------|
| | | | | | Minimum* | Maximum | Height | Width | Depth |
| CCF05B10C, CCF06B10C, CCF08B10C | 13 3/8 | 18 5/8 | 15 5/8 | — | 23 | 36 | 14 1/2 | 21 1/2 | 17 3/4 |
| | | | | | | | 14 1/2 | 21 1/2 | 18 1/2 |
| CCF10B10C | 13 3/8 | 18 5/8 | 17 3/8 | — | 23 | 36 | 17 1/2 | 21 7/8 | 23 3/4 |
| CCF12B10C, CCF14B10B | 15 1/8 | 19 3/4 | 21 1/2 | — | 26 | 36 | | | |

All Chill® Premier CCF models are designed for window installation only.

* Minimum widths achieved using one side curtain assembly as opposed to both in a standard installation.

WINDOW OR THROUGH-THE-WALL INSTALLATION

| Model | Height Inches | Width Inches | Depth Inches | Depth From Front to Louvers | WINDOW INSTALLATION | | THROUGH-THE-WALL INSTALLATION | | Carton Dimensions Inches | | | | |
|--|---------------|--------------|--------------|-----------------------------|---------------------|---------|---------------------------------------|--------|--------------------------|--------|--------|-------|-------|
| | | | | | Window Width Inches | | Through-the-wall Finished Hole Inches | | Height | Width | Height | Width | Depth |
| | | | | | Minimum* | Maximum | Height | Width | | | | | |
| CCW06B10C, CCW08B10C | 13 1/2 | 18 1/2 | 19 3/4 | 6 | 23 | 36 | 14 | 19 1/4 | 15 | 21 1/2 | 22 | | |
| CEW08B11B, CCW10B10B, CCW12B10B, CEW12B33B | 15 1/8 | 19 3/4 | 24 | 9 1/2 | 26 | 36 | 16 | 20 1/4 | 17 | 22 | 26 | | |
| CCW15B10B, CCW18B30B, CEW18B33B | 17 7/8 | 23 5/8 | 25 3/8 | 8 1/5 | 28 | 41 | 19 | 24 | 19 3/8 | 25 5/8 | 29 5/8 | | |
| CCW24B30B, CEW24B33B | 18 3/4 | 26 3/8 | 26 7/8 | 10 3/5 | 30 | 41 | 20 | 27 1/4 | 19 1/2 | 29 1/4 | 31 | | |

* Minimum widths achieved using one side curtain assembly as opposed to both in a standard installation.

COOLING SIZING GUIDE

| Area to be conditioned in sq. ft. | Approximate Cooling Btu Required |
|-----------------------------------|----------------------------------|
| 100 - 150 | 5,000 |
| 150 - 250 | 6,000 |
| 250 - 300 | 7,000 |
| 300 - 350 | 8,000 |
| 350 - 400 | 9,000 |
| 400 - 450 | 10,000 |
| 450 - 550 | 12,000 |
| 550 - 700 | 14,000 |
| 700 - 1,000 | 18,000 |
| 1,000 - 1,200 | 21,000 |
| 1,200 - 1,400 | 23,000 |
| 1,400 - 1,500 | 24,000 |
| 1,500 - 2,000 | 30,000 |
| 2,000 - 2,500 | 34,000 |

Guide based on normal room insulation, average number of sun exposed windows and two person occupancy.

1. If heavily shaded, reduce cooling Btus required by 10%.
2. If very sunny, increase cooling Btus required by 10%
3. Add 500 Btus per person over 2 people
4. Add 4,000 Btus if the area is a kitchen

CIRCUIT RATING/BREAKER/POWER CORD

| Model | Circuit Rating Breaker or T-D Fuse | Plug Face (NEMA#) | Power Cord Length (ft.) | Wall Outlet Appearance |
|---|------------------------------------|-------------------|-------------------------|---|
| CCF05B10C, CCF06B10C | 125V - 15A | 5 - 15P | 6.5 |  |
| CCF08B10C, CCF10B10C, CCF12B10C, CCF14B10B, CCW06B10C, CCW08B10C, CCW10B10B, CCW12B10B, CEW08B11B | | | 6 | |
| CCW15B10B | 125V - 15A | 5-15P | 5.5 |  |
| CCW18B30B, CCW24B30B | 250V - 20A | 6-20P | 5 |  |
| CEW12B33B, CEW18B33B, CEW24B33B | | | 5 | |

Power cord is located on front left side of Chill® Premier units.

WiFi broadband internet connection required; Download the FriedrichGo™ App from the App Store® or Google Play®; Receipt of notifications depend on home Wi-Fi set up; Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

For complete details of the limited warranties, including applicable terms and conditions, contact your local dealer or go to Friedrich.com for a copy of the product warranty certificate.



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