

chill®
PREMIER INVERTER

Room Air Conditioners

***PRECISE PERFORMANCE
MEETS QUIET COMFORT***



 **FRIEDRICH**

DELIVERING BOLDLY CRAFTED COMFORT

COMFORT WITHOUT COMPROMISE



WHY PRECISION INVERTER® TECHNOLOGY MATTERS

Every Chill® Premier Inverter Room Air Conditioner is equipped with a Precision Inverter® compressor, which provides:



Variable Comfort Technology

- Precision Inverter® compressor operates at the precise capacity needed
- Turbo Cool boosts cooling operation by up to 41%²



Library Quiet™ Operation

- As low as **42 dB** in cooling mode / 32dB in fan-only
- Soft-Start™ technology eliminates hard stop-and-starts and run at lower sound levels than other compressor types
- QuietMaster™ technology combines heavy duty insulation, stiffened sheet metal, optimized air flow and counterweights to dampen vibration
- Quiet mode operates at ultra-low fan speed for the quietest cooling available³



Ultimate Efficiency

- Operates up to 35% more efficiently¹ than traditional window air conditioners
- ENERGY STAR® certified and uses sustainable R-32 refrigerant to help protect our planet

Sound Level Scale DECIBELS

| | | |
|---------------------|-----|----------------|
| JET ENGINE | 140 | EXTREMELY LOUD |
| SIREN | 120 | LOUD |
| MOTORCYCLE | 100 | VERY LOUD |
| NOISY RESTAURANT | 80 | LOUD |
| NORMAL CONVERSATION | 60 | MODERATE |
| LIBRARY QUIET | 40 | |
| WHISPER | 30 | FAINT |
| SILENCE | 0 | |

Chill PREMIER INVERTER

FRIEDRICH® VS. THE COMPETITION

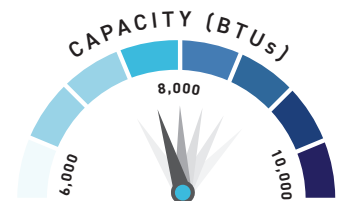
Traditional room air conditioners have on/off compressors that result in wild temperature swings, inefficient energy use and hard stops/starts that may shorten the life of the unit.

Friedrich's **Precision Inverter®** variable speed compressor adjusts up or down based on need, providing the user precise temperature control, exceptional energy efficiencies and **Library Quiet™** operation.

8,000 BTU MODEL

Operates as low as 6,000 BTUs, as high as 10,000 BTUs

PRECISION INVERTER®



ULTIMATE FLEXIBILITY & UNMATCHED INTELLIGENCE

Going beyond efficiency and comfort, the Friedrich® Chill® Premier Inverter Room Air Conditioner features a flexible design and simple installation while delivering peace-of-mind with smart features and durable quality



Smart Design

Traditional window units don't allow the homeowner to open the windows once installed, limiting the amount of fresh air, but the Friedrich Chill® Premier Inverter features a flexible design that includes:

- SimpleSill™ Design – Allows the window to be opened and closed after installation
- Three-step Installation – Simplifies the process with a one-piece frame, included hardware and expandable side panels that lock the unit in place



Smart Features

Designed with intelligent features that put the homeowner in control, the Chill® Premier Inverter includes industry-leading advantages like:

- Built-in Wi-Fi Control – Manage comfort from anywhere with the FriedrichGo™ App⁴
- Auto Air Sweep – Moves louvers up and down, extending the air flow for maximum circulation and cooling
- Intelligent Sleep Mode – Smart temperature auto adjustment with Turbo Fast Cooling



Rigid, Expandable Side Panels



Smart Investment

Every unit maintains precise temperature control while providing homeowners peace of mind through:

- Money Saver® Mode – Runs fan only when cooling to save on bills
- Clean Filter Reminder – Allows homeowners to breathe easy with washable design and automatic reminder when it's time to clean the filter
- Corrosion Resistant Coils – Extend the life of the unit, especially in coastal and harsh environments



Models CCV15, CCV18, CCV24 can be installed in a wall or window

SPECIFICATIONS



WINDOW INSTALLATION ONLY
CCV08, CCV10, CCV12



WINDOW OR THRU-WALL INSTALLATION
CCV15, CCV18, CCV24

CHILL® PREMIER INVERTER

★ ENERGY STAR® models

| Model | UPC | Cooling Btu | Volts Rated | Cooling Amps | Cooling Watts | CEER | Estimated Yearly Energy Cost | Moisture Removal-Pints/HR | Refrigerant | CFM | Wt. Net/Ship Lbs. |
|--|--------------|-------------|-------------|--------------|---------------|------|------------------------------|---------------------------|-------------|-----|-------------------|
| FIXED CHASSIS, COOL ONLY, WINDOW INSTALLATION ONLY - PRECISION INVERTER® | | | | | | | | | | | |
| ★ CCV08A10A | 724587442316 | 8000 | 115 | 8.0 | 740 | 15.0 | \$60 | 2.6 | R-32 | 194 | 56/60 |
| ★ CCV10A10A | 724587442328 | 10000 | 115 | 8.0 | 950 | 15.0 | \$75 | 3.1 | R-32 | 253 | 58/61 |
| ★ CCV12A10A | 724587442335 | 12000 | 115 | 11.0 | 1180 | 15.0 | \$90 | 3.7 | R-32 | 265 | 58/62 |
| SLIDEOUT CHASSIS, COOL ONLY, WINDOW OR THRU-WALL INSTALLATION - PRECISION INVERTER® | | | | | | | | | | | |
| ★ CCV15A10A | 724587445749 | 15000 | 115 | 12.3 | 1600 | 14.4 | \$110 | 3.8 | R-32 | 423 | 85/99 |
| ★ CCV18A30A | 724587445756 | 18000 | 208/230 | 8.0 | 2000 | 14.4 | \$160 | 5.5 | R-32 | 447 | 88/103 |
| ★ CCV24A30A | 724587445763 | 24000 | 208/230 | 14.0 | 2990 | 12.7 | \$200 | 6.97 | R-32 | 470 | 93/107 |

WINDOW OR THRU-WALL INSTALLATION

| Model | Height Inches | Width Inches | Depth Inches | Depth From Front to Louvers | WINDOW INSTALLATION | | THRU-WALL INSTALLATION | | Carton Dimensions Inches | | |
|---------------------------------|---------------|--------------|--------------|-----------------------------|--------------------------------|---------|--|-------|--------------------------|--------|--------|
| | | | | | Window Width Inches Minimum | Maximum | Thru-the-wall Finished Hole Inches Height | Width | Height | Width | Depth |
| CCV08A10A, CCV10A10A, CCV12A10A | 13 3/8 | 20 5/8 | 19 1/4 | — | 22 1/4 ¹ | 33 | WINDOW INSTALLATION ONLY | | 14 3/4 | 24 1/4 | 20 1/2 |
| CCV15A10A, CCV18A30A, CCV24A30A | 17 | 25 1/2 | 26 3/8 | — | 28 | 41 | 17 1/2 | 26 | 20 | 30 | 28 3/4 |

¹Minimum width achieved with both side panels in place and the side curtains removed.

CIRCUIT RATING/BREAKER

| Model | Circuit Rating Breaker or T-D Fuse | Plug Face (NEMA#) | Power Cord Length (ft.) | Wall Outlet Appearance |
|--|------------------------------------|-------------------|-------------------------|------------------------|
| CCV08A10A, CCV10A10A, CCV12A10A, CCV15A10A | 125V-15A | 5-15P | 6 1/2 | |
| CCV18A30A | 250V-15A | 6-15P | | |
| CCV24A30A | 250V-20A | 6-20P | | |

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



These products meet a stringent set of our company's internally defined sustainability standards

¹Up to 35% energy savings based on variable-speed inverter compressor operation at 12 Hz extra-low frequency to maintain set point versus non-inverter fixed-speed.
²Dual DC fan motor reaches set point an average of 41% faster than a standard ac fan motor operating at the same speed. ³Sound levels are also dependent on proper installation of product. ⁴WiFi 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.
⁵For 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.



Friedrich Air Conditioning Co. | www.friedrich.com

BR_CHILL INVERTER_REV 07-09-24

