

Friedrich Chill® Premier Series Room Air Conditioners



BUILT-IN WI-FI



CHILL® PREMIER ROOM AIR CONDITIONERS

SMART, ENERGY EFFICIENT CHILL® PREMIER OFFERS CONTROL BY VOICE COMMAND, APP OR INCLUDED REMOTE



You're in control anytime, anywhere

- Easily set up your AC unit with the FriedrichGo™ app
- Create a custom cooling schedule that fits your lifestyle
- Power your unit on and off, change temperature, change system mode, and adjust fan speeds no matter where you are
- Eliminate wasted energy and lower utility and maintenance costs while extending the life of your equipment.



UP TO 25% QUIETER¹ THAN OTHER ROOM AIR CONDITIONERS

QuietMaster® technology

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 product testing in our engineering lab.

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



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

FOR INSTALLATION IN A WINDOW OR THROUGH-THE-WALL

CCW/CEW MODEL FEATURES

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



Earth Friendly

- Money Saver® setting saves money by operating the fan only when cooling
- R-32 refrigerant with low Global Warming Potential

Reliable Construction

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

CCF MODEL FEATURES

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



Installation Features

- One-piece frame (fixed chassis) for simplified and fast installation in windows only
- Standard installation hardware included
- Expandable side curtains

Comfort & Convenience

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

Installation Features

- Slide-out chassis for installation in a window or through-the-wall
- Standard installation hardware included
- Expandable side curtains

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

Comfort & Convenience

- 3 cooling and fan-only speeds, plus auto fan
- Sleep setting
- Auto restart saves settings if power is interrupted
- 8-way air flow control
- Washable air filter

Earth Friendly

- ENERGY STAR® qualified models
- Money Saver® setting saves money by operating the fan only when cooling
- R-32 refrigerant with low Global Warming Potential

COOLING SIZING GUIDE

AREA TO BE CONDITIONED IN SQ. FT.	APPROXIMATE COOLING BTU REQUIRED
100 - 150	5000
150 - 250	6000
250 - 300	7000
300 - 350	8000
350 - 400	9000
400 - 450	10000
450 - 550	12000
550 - 700	14000
700 - 1000	18000
1000 - 1200	21000
1200 - 1400	23000
1400 - 1500	24000
1500 - 2000	30000
2000 - 2500	34000

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

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

Reliable Construction

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

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
CCF05B10B, CCF06B10B, CCF08B10B	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
CCF10B10B	13 3/8	18 5/8	17 3/8	-	23	36	17 1/2	21 7/8	23 3/4
CCF12B10B, 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 THRU-WALL INSTALLATION

Model	Height Inches	Width Inches	Depth Inches	Depth From Front to Louvers	WINDOW INSTALLATION		THRU-WALL INSTALLATION		Carton Dimensions Inches		
					Minimum*	Maximum	Thru-the-wall Finished Hole Inches	Height	Width	Height	Width
CCW06B10B, CCW08B10B	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.

CIRCUIT RATING/BREAKER/POWER CORD

Model	Circuit Rating Breaker or T-D Fuse	Plug Face (NEMA#)	Power Cord Length (ft.)	Wall Outlet Appearance
CCF05B10B, CCF06B10B	125V - 15A	5-15P	6.5	
CCF08B10B, CCF10B10B, CCF12B10B, CCF14B10B, CCW06B10B, CCW08B10B, CCW10B10B, CCW12B10B, CEW08B11B			6	
CCW15B10B	250V - 15A	6-15P	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.

SPECIFICATIONS

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)											
CCF05B10B	5000	115	4.5	420	12.2	12.1	\$41	1.27	R-32	165	44/49
CCF06B10B	6000	115	5.0	490	12.2	12.1	\$45	1.9	R-32	135	45/51
CCF08B10B	8000	115	6.7	690	11.5	11.4	\$60	2.11	R-32	188	46/51
CCF10B10B	10000	115	9.5	870	11.5	11.4	\$75	2.54	R-32	218	50/55
CCF12B10B	12000	115	11.0	1040	11.5	11.4	\$90	3.7	R-32	270	65/71
CCF14B10B*	14000	115	12.0	1230	11.4	11.3	\$105	4.44	R-32	306	72/78

*CCF14B10B is available by container direct only

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.
SLIDE OUT CHASSIS, COOL ONLY														
CCW06B10B	6000	—	115	5.3	590	-	-	12.2	12.1	\$54	1.9	R-32	194	54/61
CCW08B10B	8000	—	115	6.4	720	-	-	12.1	12.0	\$69	2.11	R-32	194	55/62
CCW10B10B	10000	—	115	10	890	-	-	11.5	11.4	\$95	2.7	R-32	270	70/77
CCW12B10B	12000	—	115	12	1065	-	-	11.5	11.4	\$107	3.6	R-32	259	77/85
CCW15B10B	15000	—	115	12.0	1270	-	-	11.9	11.8	\$125	4.22	R-32	370	96/110
CCW18B30B	18000	—	230	8.8	1580	-	-	11.4	11.3	\$149	5.7	R-32	382	105/119
CCW24B30B	24000	—	230	13.6	2420	-	-	9.9	9.8	\$227	7.8	R-32	480	122/134
SLIDE OUT CHASSIS, HEAT & COOL														
CEW08B11B	8000	4000	115	7.2	730	12.0	1320	12.0	10.9	\$61	2.1	R-32	211	55/61
CEW12B33B	12000	11000	230	6.0	1090	16.0	3500	16.0	10.9	\$96	3.6	R-32	270	78/86
CEW18B33B	18000	10600	230	7.1	1680	16.0	3500	16.0	10.7	\$159	5.3	R-32	411	109/123
CEW24B33B	24000	10600	230	12.5	2445	16.0	3500	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.

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



We are focused on innovating with intent, engineering solutions with lifetime sustainability in mind—from material selection to smart features to responsible recycling. And, our products are designed to meet our customers’ needs—lessening their environmental impact by giving them greater control over their energy consumption, as well as helping them decarbonize.



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