FRIEDRICH

Chill® Premier
Window Air Conditioners

PURCHASER	P.O. #	DATE
PROJECT	LOCATION	
ENGINEER	ARCHITECT	
SUBMITTED BY	FOR APPROVAL	FOR REFERENCE

ITEM	PLAN DESIGNATION	QUANTITY	COOLING BTU/H	VOLTAGE	FRIEDRICH MODEL

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

Reliable Construction

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

Comfort & Convenience

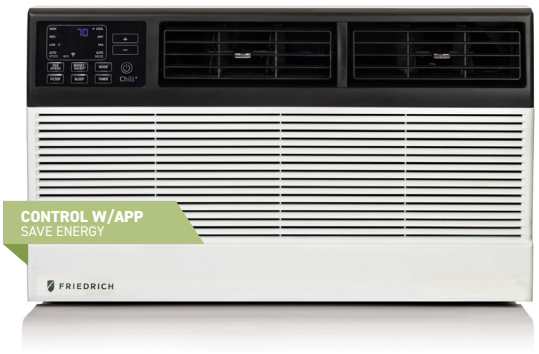
- 3 cooling and fan-only speeds, plus auto fan (CCF & CCW models)
- 3 cooling, heating, and fan-only speeds, plus auto fan (CEW models)
- Sleep setting
- Auto restart saves settings if power is interrupted
- 8-way air flow control
- Washable air filter

Smart Control Features

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

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



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	
					Minimum*	Maximum
CCF05B10C, CCF06B10C, CCF08B10C	13 3/8	18 5/8	15 5/8	—	23	36
CCF10B10C	13 3/8	18 5/8	17 3/8	—	23	36
CCF12B10C, CCF14B10B	15 1/8	19 3/4	21 1/2	—	26	36

Carton Dimensions Inches		
Height	Width	Depth
14 1/2	21 1/2	17 3/4
14 1/2	21 1/2	18 1/2
17 1/2	21 7/8	23 3/4

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.

LOW GWP Refrigerant

WINDOW OR THROUGH-THE-WALL INSTALLATION

Model	Height Inches	Width Inches	Depth Inches	Depth From Front to Louvers	WINDOW INSTALLATION: Window Width Inches		THROUGH-THE-WALL INSTALLATION: Through-the-wall Finished Hole Inches		Carton Dimensions Inches		
					Minimum*	Maximum	Height	Width	Height	Width	Depth
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.

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