

Chill[®] Room Air Conditioners

SPECIFICATIONS, INSTALLATION AND SIZING GUIDE

FRIEDRICH

1883



PRIEDRICI Chill and Chill+ Models



LCD Remote

Full LCD display shows MODE, FAN SPEED and SET TEMPERATURE and TIMER ON/OFF. Adjust TEMPERATURE and FAN SPEEDS, select MODE and set the TIMER.

Chill® Series Excellent efficiency with low sound levels for carefree cooling.

SPECIFICATIONS

★ Indicates ENERGY STAR[®] models

Model	UPC	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	Net Wt. Ibs.	Ship Wt. Ibs.	Sleeve
Chill [®] (Cool	l Only)																
CP05G10B	724587431728	5200	_	115	4.3	460	_	_	11.2	11.0	\$42	1.5	R410A	140	46	50	P1
CP06G10B	724587432824	6000	_	115	4.6	490	_	_	12.2	12.1	\$44	1.8	R410A	200	62	71	DC
CP08G10B	724587432831	8000		115	6.2	660	_	_	12.2	12.0	\$60	2.2	R32	250	63	72	P6
CP10G10B	724587432848	10000	_	115	7.7	820	_	_	12.1	12.0	\$74	3.0	R32	300	75	85	P7
CP12G10B	724587432855	12000	_	115	9.3	990	_	_	12.1	12.0	\$89	3.3	R32	330	83	93	
CP15G10B	724587432862	15500	—	115	11.9	1300	—	—	11.9	11.8	\$117	4.0	R32	400	117	132	
CP18G30B	724587432879	19000/18600	_	230/208	7.4/8.0	1590/1560	—	—	11.9/11.9	11.8/11.8	\$138	5.5	R32	520	132	147	P9
CP24G30B	724587432886	24000/23500	_	230/208	10.6/11.4	2260/2310	_	_	10.4/10.4	10.3/10.3	\$209	6.8	R32	590	137	152	
Chill®+(Eleo	ectric Heat)																
EP08G11B	724587431735	7500	3850	115	6.3	670	11.0	1260	11.2	11.0	\$61	2.1	R410A	250	79	85	P6
EP12G33B	724587431742	12000/11500	11200/9200	230/208	4.8/5.1	1060/1010	14.0/15.3	3500/2900	11.3/11.3	11.2/11.2	\$96	3.3	R410A	265	87	93	P7
EP18G33B	724587431759	18000/17500	12000/9800	230/208	7.2/7.8	1600/1560	16.0/15.0	3670/3100	11.2/11.2	11.1/11.1	\$144	5.5	R410A	430	136	150	
EP24G33B	724587431766	23000/22500	12000/9800	230/208	10.6/11.5	2340/2290	16.0/15.0	3670/3100	9.8/9.8	9.8/9.8	\$211	6.5	R410A	560	146	160	- P9

Chill+ Electric Heat heating information indicates electric heat strip performance.

As an ENERGY STAR® partner, Friedrich Air Conditioning Co. has determined that the selected ENERGY STAR® models meet the ENERGY STAR® guidelines for energy efficiency.

The consumer, through the AHAM Room Air Conditioner Certification Program, can be certain that the AHAM Certification Seal accurately states the unit's cooling and heating capacity rating, the amperes and the energy efficiency ratio.

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

Your energy costs will depend on your utility rates and use. The estimated energy cost is based on a electricity cost of \$.12 per kWh. For more information, visit www.ftc.gov/energy. Due to continuing research in new energy-saving technology, specifications are subject to change without notice.

Chill® Features

• 24-hour timer

- Auto air sweep swing louvers* provide more even air distribution
- Chill units feature a 3 speed fan for cooling or fan-only setting

Chill+ units feature a 2 speed fan for cooling, heating or fan-only setting

- Ultraquiet operation
- 4-way air flow control

- Auto-restart saves settings if power is interrupted
- ENERGY STAR[®] qualified models
- Money Saver[®] setting saves money by operating the fan only when cooling
- Washable, antimicrobial air filter
- Check filter alert
- Stale air exhaust*
- Install in window or thru-wall**

- Standard installation hardware
- Expandable side curtains
- Power cord can run either left or right out of the side of the unit front*
- EntryGard[™] anti-intrusion protection
- Zero Ozone Depletion Refrigerants
- NEW R32 refrigerant with low Global Warming Potential (select models)

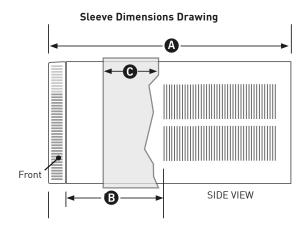
*Feature not available on CP05. **CP05 has a fixed chassis and is for window installation only

			Depth with Front Inches	Shell Depth to Louvers Inches	Minimum Minimum Extension Extension		Window Width Inches		In-wall Installation Finished Hole Inches			Carton Dimensions Inches		
Sleeve	Height Inches	Width Inches	A	B	Into Room* Inches	Outside * Inches	Minimum**	Maximum	Height	Width	Max. Depth	Height	Width	Depth
P1†	12 ⁵ /16"	18 ⁹ /16"	15 ⁷ /16"	5"	3 1⁄2"	10 ¾"	20 1/8"	36"	NOT	FOR TH	RU-WALL	15 ¹ /4"	22 ¹ /4"	17 ¹ /2"
P6	13 ⁷ /8"	18 ⁹ /16"	20 11/16"	8 ¹ /8"	4 1⁄2"	11"	20 1/8"	36"	14 ¹ /8"	18 ⁷ /8"	7 ½"	17 ⁷ /8"	22 ³ /4"	22"
P7	15"	23 ⁵ /8"	22 ¹ /16"	8 ¾"	4 1⁄2"	12"	25 ¼"	39"	15 ¼"	23 ⁷ /8"	8"	18 ³ /4"	26 ³ /4"	23 7/8"
P9	16 ⁷ /8"	25 ¹ /2"	30 ⁵ /16"	10 ¹ /4"	5 1⁄2"	19 ½"	26 1⁄2"	42"	17 ¹ /8"	26 ¼"	9"	21 ¹ /2"	33"	28 7/8"

* Minimum extensions when mounted in a window.

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

† Sleeve P1 does not have In-wall hole dimensions, as these units are fixed chassis and should not be installed In-wall.



CIRCUIT RATING/ BREAKER

Model	Circuit Rating Breaker or T-D Fuse	Plug Face (NEMA#)	Power Cord Length (ft.)	Wall Outlet Appearance
CP05G10B	125V - 15A	5 -15P	6 1/2	\frown
CP06G10B, CP08G10B, CP10G10B, CP12G10B and CP15G10B. EP08G11B.	125V - 15A	5- 15P	6	
CP18G30B	250V - 15A	6 - 15P	4 1/2	
CP24G30B. EP12G33B, EP18G33B and EP24G33B.	250V - 20A	6 - 20P	4	

COOLING SIZING GUIDE

Approximate Cooling Btu Required
5000
6000
7000
8000
9000
10000
12000
14000
18000
21000
23000
24000

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



