QuietMaster Programmable
Room 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

FULL SIZE (108-163 lbs.) FOR MORE PERMANENT INSTALLATION | 8,400 to 23,500 BTU/h EERs up to 12.0

Digital Control Features

- 24-hour timer lets you program on/off times
- 4-speed fan with ultraquiet "Sleep Setting"
- Smart Fan adjusts fan speed to maintain desired temperature
- Unique Comfortwatch technology
- MoneySaver® setting saves energy by cycling the fan with the compressor
- Memory backup saves settings if power is interrupted
- Check filter reminder light

Ultra Premium Features

- Ultraquiet operation
- 8-way air flow control
- Fresh air intake/ stale air exhaust vents
- Washable, antimicrobial filter for protection against fungal and bacterial growth
- Slide-out chassis for more permanent window or wall installation

FITS WINDOWS–
MINIMUM: 27 3/8" WIDE*
MAXIMUM: 42" WIDE

**May accommodate narrower windows. See installation information for more details.*

ONE TOUCH OPERATION	REMOTE CONTROL	24 HR. TIMER	MONEY SAVER FEATURE	SMART FAN	ANTIMICROBIAL FILTER	SLIDE-OUT CHASSIS
✓	✓	✓	✓	✓	✓	✓

8 ENERGYSTAR® models

ENERGY STAR

Specifications ★ Energy Star® Models

Model	Cooling Capacity BTU/h	Heating Capacity Rated	Electrical Characteristics (60 Hertz) Volts Rated	Cooling Amps	Cooling Watts	Heating Amps	Heating Watts	Energy Efficiency Ratio EER	Moisture Removal Pints/Hr.	Room Side Air Circulation CFM	Sleeve*	Net Weight Lbs.
COMMERCIAL GRADE												
QUIETMASTER Programmable												
★ SS08L10	8400	—	115	6.6	737	—	—	**11.4**	1.6	265	S	108
★ SS10L10	10400	—	115	7.5	867	—	—	**12.0**	2.5	260	S	115
★ SS12L10	11800	—	115	9.0	1000	—	—	**11.8**	2.5	350	S	114
★ SS14L10	14000	—	115	12.0	1305	—	—	**10.7**	3.5	377	S	128
★ SS12L30	12100/11900	—	230/208	4.8/5.0	1052/1017	—	—	**11.5/11.7**	2.9	320	S	114
SS16L30	16200/15900	—	230/208	7.4/8.0	1653/1656	—	—	**9.8/9.6**	4.7	360	S	119
★ SM18L30A	17500/17300	—	230/208	7.2/7.7	1620/1570	—	—	**10.8/10.8**	4.5	375	M	163
★ SM21L30	20600/20200	—	230/208	9.4/10.1	2081/2020	—	—	**9.9/10.0**	6.0	425	M	154
★ SM24L30	23500/23000	—	230/208	11.2/12.1	2479/2421	—	—	**9.5/9.5**	7.0	400	M	154

Friedrich room air conditioners are designed to operate in outdoor temperatures from 50° F to 115° F.

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

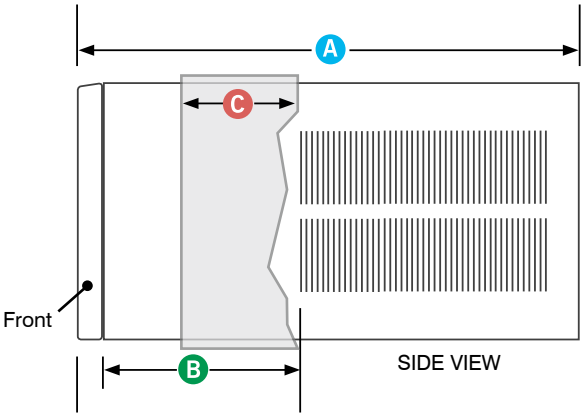
Installation Information / Sleeve Dimensions

Sleeve	Height	Width	Depth with Front (A)	Shell Depth to Louvers (B)	Minimum Extension Into Room*	Minimum Extension Outside*	Window Width Minimum**	Window Width Maximum	Thru-the-wall Installation Finished Hole Height	Width	Max. Depth (C)
S	15 15/16"	25 15/16"	27 3/8"	8 3/4"	3 1/16"	16 15/16"	27 3/8"	42"	16 3/16"	26 3/16"	7 3/8"
M	17 15/16"	25 15/16"	27 3/8"	8 3/4"	3 1/16"	16 15/16"	27 3/8"	42"	18 3/16"	26 3/16"	7 3/8"

* Minimum extensions when mounted in a window.
** Minimum widths achieved using one side curtain assembly as opposed to both in a standard installation.
NOTE: S and M sleeves may be installed in window with no side kits if properly installed.

Circuit Rating/ Breaker

Model	Circuit Rating Breaker or T-D Fuse	Plug Face (NEMA#)	Power Cord Length (ft.)	Wall Outlet Appearance
SS08L10, SS10L10, SS12L10 and SS14L10.	125V - 15A	5 - 15P	6	
SS12L30, SS16L30, SM18L30A and SM21L30.	250V - 15A	6 - 15P	4	
SM24L30 and SL28L30	250V - 20A	6 - 20P	4	



★ 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.