

Friedrich WallMaster® Series
Thru-the-wall Air Conditioners



*CONTROL
ANYTIME,
ANYWHERE.*

PERFECT FIT IN 27" SLEEVES



 **FRIEDRICH**

DELIVERING BOLDLY CRAFTED COMFORT

WALLMASTER® THRU-WALL AIR CONDITIONERS

A PERFECT FIT IN 27" SLEEVES, WALLMASTER® CAN BE CONTROLLED BY VOICE COMMAND, APP OR INCLUDED REMOTE



You're in control anytime, anywhere

- Easily set up your AC unit with the FriedrichConnect® 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.

Control multiple Wallmaster® units

- With our advanced grouping program, you can control multiple units to work independently or as a single system. You can even invite other users to manage one or more of your units.



Remote control included



Durable metal wall sleeve with premium aluminum exterior grille (Optional accessory, must be purchased separately).

WALLMASTER® THRU-WALL AIR CONDITIONERS UP TO 45% 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 45% quieter than competitor's products.



COMMERCIAL GRADE QUALITY AND COMPONENTS

Unrivaled quality

WallMaster® is built to perform in the extreme conditions of commercial applications, but it's also perfect for today's home with the convenience and simple control today's consumers demand.



FEATURES

Comfort & Convenience

- Smart Fan auto-adjusts fan speed to maintain desired temperature
- Check filter reminder
- Control panel lockout (ON/OFF)
- 3-speed fan
- Auto restart
- Electronic defrost control
- Individually adjustable louvers direct airflow to where it's needed most
- Washable air filter
- **Money Saver®** setting cycles the fan with the compressor
- Auto-changeover between cooling and heating (heat/cool models)

Earth Friendly

- Multiple scheduling options save energy
- Temperature limiting for maximum low and high temperature settings
- R-32 refrigerant with low Global Warming Potential on select models
- Recyclable packaging

QuietMaster® technology

- Steel inner wall and extra dense insulation blocks outdoor noise
- Vibration isolating design and components reduce operating noise
- Precision engineering delivers maximum air flow and air dispersion at low sound levels

Control via FriedrichConnect®

- Built-in Wi-Fi
- Voice command compatible, Amazon Alexa/Google Home
- Create customizable, 7-day schedules
- Advanced grouping of multiple units

Safety & Security

- UL listed for safe operation
- Insect barrier

Installation Features

- Mounts flush with the exterior wall
- Ideal for thicker wall installations, where side fins don't fit
- Firm grip handles on the chassis for easy installation and removal from wall sleeve

Durability & Quality

- Quiet rotary compressor
- Premium aluminum exterior grille
- Impact resistant front cover

Warranty and Support

- Industry-leading warranty features 2-year warranty on parts and 5-year limited sealed system warranty.
- Nationwide service network and U.S.-based Friedrich expert technical team ensures you get fast, knowledgeable service.



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

WALLMASTER® OPTIONAL ACCESSORIES

WSE SLEEVE/ EXTERIOR GRILLES



Standard Grille

Premium, expanded metal grille with powder coat paint. Ships with WSE sleeve.



Optional Architectural Grille- AG

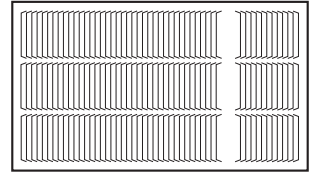
Premium extruded aluminum grille.

IMPORTANT:

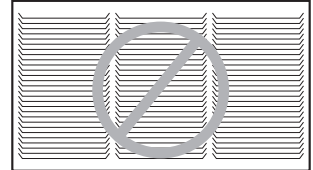
Operating the air conditioner with incorrect rear grille or without Baffle Adapter Kit (on 19 3/4" deep sleeve) will recirculate discharge air and cause compressor overload to trip.

This will cause the unit to shut down temporarily and may lead to premature compressor failure.

CORRECT Vertical Louvers



INCORRECT Horizontal Louvers



WSE Wall Sleeve

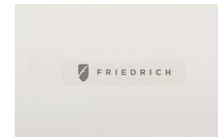
Ships with standard grille (shown above) and standard galvanized steel inner panel and painted steel outer panel.



WSE sleeve



Steel inner panel



Outer weather panel

INSTALLATION ACCESSORIES

DK / Drain Kit

Installed at the back of the unit and allows for attachment to condensate disposal system, if necessary or desired.



IDK / Internal Drain Kit

New construction applications where a condensate drain system has been built into the wall interior.



BAK / Baffle Adapter Kit

Necessary when installing in a sleeve deeper than 16 3/4" deep, such as Fedders B sleeve (19 3/4" deep).



A PERFECT FIT IN FEDDERS A & B* 27" SLEEVES

Replace old, inefficient 27" sleeve units with WallMaster



Dimensions	Friedrich WSE Sleeve	Fedders A Sleeve	Fedders B Sleeve*
Height (inches)	16 3/4"	16 3/4"	16 3/4"
Width (inches)	27"	27"	27"
Depth (inches)	16 3/4"	16 3/4"	19 3/4"

*Installation in Fedders B sleeve requires a baffle adapter kit-BAK.

CHASSIS DIMENSIONS

Height	Width	Depth	Height of Front	Width of Front	Depth with Front	Minimum Extension Into Room with Front
15 3/4"	26 1/2"	21"	17 1/4"	27 1/2"	23 3/4"	7 1/2"

WSE SLEEVE DIMENSIONS

Height	Width	Depth	Depth with Front	Minimum Extension Outside	Thru-the-wall Finished Hole		
Height	Width	Max. Depth					
16 3/4"	27"	16 3/4"	24 1/4"	9/16"	17 1/4"	27 1/4"	15 5/16"

NOTE: Chassis requires WSE sleeve (sold and shipped separately)

WALLMASTER® SPECIFICATIONS

Model	Cooling Btu	Heating Btu	Volts Rated	Cooling Amps	Cooling Watts	Heating Watts	Heating Amps	EER	CEER	Estimated Yearly Energy Cost	COP	Moisture Removal Pints per Hr.	Refrigerant	CFM	Wt Lbs Net/Ship
COOLING ONLY															
WCT08A10A	8000	—	115	7.2	748	—	—	10.7	10.6	\$73	—	2.0	R410A	250	93/97
WCT10A10A	10000	—	115	9.3	935	—	—	10.7	10.6	\$92	—	2.8	R410A	250	103/107
WCT12A10B	11600	—	115	10.5	1094	—	—	10.6	10.5	\$122	—	3.5	R410A	295	101/105
WCT10A30A	10000	—	230	4.4	935	—	—	10.7	10.6	\$92	—	2.8	R410A	275	112/116
WCT12A30B	12000	—	230	5.5	1132	—	—	10.6	10.5	\$123	—	3.6	R410A	300	109/113
COOLING WITH HEAT PUMP															
WHT12A33A*	11100	8900	230	5.5	1181	1087	5.0	9.4	9.3	\$102	2.4	3.1	R410A	275	111/115
COOLING WITH ELECTRIC HEAT															
WET10A33A	10000	11000	230	4.4	935	3550	16.0	10.7	10.6	\$92	—	2.8	R410A	260	104/108
WET12A33A	12000	11000	230	5.5	1250	3550	16.0	9.6	9.5	\$123	—	3.8	R410A	290	107/111
WET16A33A	15400	11000	230	7.7	1638	3550	16.0	9.4	9.3	\$161	—	4.8	R410A	280	119/123

R-32 Refrigerant Models

Model	Cooling Btu	Heating Btu	Volts Rated	Cooling Amps	Cooling Watts	Heating Watts	Heating Amps	EER	CEER	Estimated Yearly Energy Cost	COP	Moisture Removal Pints per Hr.	Refrigerant	CFM	Wt Lbs Net/Ship
COOLING ONLY															
WCT16B30A	15400	—	230	7.7	1638	—	—	9.4	9.3	\$161	—	4.8	R-32	280	119/123

* Heat Pump heating information indicates heat pump heating performance. Electric Heat heating information indicates electric heat strip performance. For Heat Pump electric heating performance refer to corresponding Electric Heat model.

HEATING PERFORMANCE: Change-over from heat pump operation to resistance operation on models indicated is automatic at a preset outside ambient temperature of approximately 35°F.

Calculate the heat loss of the space to be heated. As long as the heat loss does not exceed the resistance heating capacity rating of the unit, the heating performance will be satisfactory.

Note: all models will produce condensate. If condensate disposal is desired, an optional drain kit is available.

DEFROST CONTROL: Initiated at 30°F (outdoor coil temperature) and terminated at 43°F (outdoor coil temperature). During defrost, the compressor stops and the electric heat starts, then operates with the fan to maintain indoor comfort. Below 43°F, the unit remains in electric heat mode.

DEFROST DRAIN: Drain automatically opens at approximately 50°F to prevent condensate from freezing inside drain pan.

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.

Your energy costs will depend on your utility rates and use. The estimated energy cost is based on a electricity cost of \$.13 per kWh.

For more information, visit www.ftc.gov/energy.

Uses R-32 refrigerant with low Global Warming Potential
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WALLMASTER®

CHASSIS DIMENSIONS




Height	Width	Depth	Height of Front	Width of Front	Depth with Front	Minimum Extension Into Room with Front
15 3/4"	26 1/2"	21"	17 1/4"	27 1/2"	23 1/4"	7 1/2"

WSE SLEEVE DIMENSIONS

Height	Width	Depth	Depth with Front	Minimum Extension Outside	Thru-the-wall Finished Hole		
Height	Width	Depth	Height	Width	Max. Depth		
16 3/4"	27"	16 3/4"	24 1/4"	9/16"	17 1/4"	27 1/4"	15 5/16"

NOTE: Chassis requires WSE sleeve (sold and shipped separately)

PLUG FACE/CIRCUIT RATING

Model	Circuit Rating Breaker or T-D Fuse	Plug Face (NEMA#)	Power Cord Length (ft.)	Wall Outlet Appearance
WCT08A10A, WCT10A10A and WCT12A10B	125V - 15A	5 - 15P	6	
WCT10A30A., WCT12A30B and WCT16A30A.	250V - 15A	6 - 15P	6	
WHT12A33A, WET10A33A and WET12A33A. WET16A33A.	250V - 20A	6 - 20P	6	

Model	Carton Dimensions		
	Height	Width	Depth
WallMaster®			
WSE Sleeve	18"	27 1/4"	18"
Chassis	19 3/8"	30 5/8"	27 1/2"

Power cords are located on front left of WallMaster models.



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.

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. Your energy costs will depend on your utility rates and use. The estimated energy cost is based on a electricity cost of \$.13 per kWh. For more information, visit www.ftc.gov/energy.

