

COMFORT

THAT FEELS **CUSTOM-MADE**



WallMaster®
THE PERFECT FIT™

COME HOME TO COMFORT THAT FEELS CUSTOM-MADE WITH FRIEDRICH® WALLMASTER® INVERTER THROUGH-THE-WALL AIR CONDITIONERS.

Not only does the WallMaster offer the only perfect fit for existing 27" sleeves, but it also has advanced and sustainability features—providing you precise comfort and significant energy cost savings.



FRIEDRICH
DELIVERING BOLDLY CRAFTED COMFORT

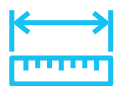
Advanced Features Work Harder So You Can Rest Easier

Enjoy the peace of mind of a perfectly comfortable home with the industry-leading technology and features of Friedrich® WallMaster® Through-the-wall Air Conditioners. Each AC unit is boldly crafted to meet your unique comfort needs while delivering energy cost savings.



Precise Comfort

The Friedrich-exclusive Precision Inverter® compressor ramps up to quickly reach your desired temperature then adjusts to stay there.



Perfect Fit

Replace old, inefficient 27" sleeve units with WallMaster—a perfect fit in Fedders A and B (requires a baffle kit). Plus, the unit mounts flush with the exterior wall for a seamless installation.



Built to Last

Enjoy peace of mind with a durable, commercial-grade design built to perform in the extreme conditions of industrial and commercial applications.



Smart Control

Adjust set point, schedule, control multiple units, and more—at home or remotely via the FriedrichLink® app.

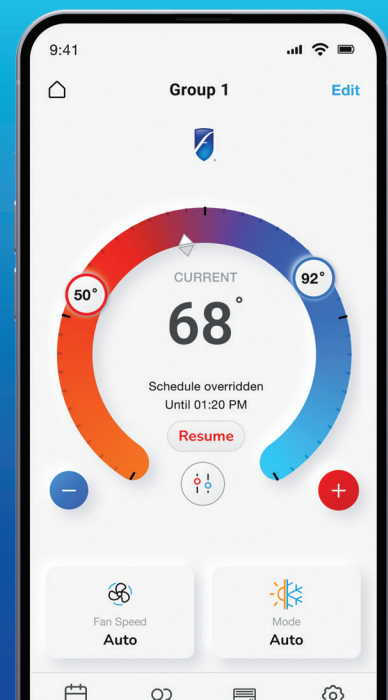
Built-in Wi-Fi Connectivity

- Voice Command with Amazon Alexa and Google Home
- Seven-day programmable schedule with FriedrichLink app
- Keypad lockout prevents unwanted changes

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FriedrichLink®



Precise, Energy-saving Performance

WallMaster® Through-the-wall Air Conditioners are built to reduce your environmental footprint—and energy bills—while providing precise and customizable comfort.

Saving Energy While Maximizing Comfort

Traditional room air conditioners have on/off compressors that result in wild temperature swings, inefficient energy use, and hard stops/starts that may shorten the life of the unit.

Friedrich's **Precision Inverter®** variable speed compressor adjusts up or down based on need, providing the user precise temperature control, exceptional energy efficiencies, and dependably quiet operation.

Additionally, the frequent on/off operation of traditional units puts strain on both the unit and the power grid during hot summers. Friedrich **Soft-Start™ technology** starts the compressor with significantly less strain at start up, saving energy.

All the Benefits of a Heat Pump—From Your AC

The WallMaster® heat pump models also functions as a heat pump, heating effectively down to 45 degrees—eliminating the need for a second unit to provide warmth. In addition to all the great features you can expect from WallMaster ACs, heat pump-enabled units offer:

Increased Efficiency – Heat pumps move heat instead of generating it, making them up to 3X more efficient than space heaters and electric furnaces for reduced carbon emissions

Year-round Comfort – With through-the-wall installation, heat pump-enabled WallMaster units provide precise heating and cooling, season after season

Decreased Cost – Through-the-wall heat pumps cost less than traditional HVAC systems and are more cost-effective

ENERGY STAR® Certified – Most models have earned ENERGY STAR certification, using approximately 20% less energy than standard models, ensuring efficiency and savings. Additionally, some models have earned the ENERGY STAR® Most Efficient designation, highlighting their superior performance



**PRECISION
INVERTER®**

**Automatically adjusts
its performance based
on the room's need.**



Crafted with Bold Features for Quiet, Lasting Comfort

Come home to unmatched comfort day after day with WallMaster's dependably quiet operation and lasting, commercial-grade design.



QuietMaster® Technology

Building the quietest air conditioners begins with the design process and continues with selecting superior components and materials.

Innovations like a vibration-isolating design and copper loops for better harmonics result in a noticeably quieter cooling and heating experience.



Scan to Watch Video:
QUIETMASTER®
TECHNOLOGY

Commercial-grade Components

- 1 Dense, sound-blocking insulation and 20-gauge steel inner walls
- 2 Inverter compressor mounted on large rubber grommets
- 3 Enclosed commercial-grade fan motor
- 4 Insulated air plenum prevents outside air and noise intrusion
- 5 Resilient rings on motor mount prevent metal-to-metal contact, eliminating extra vibration and noise
- 6 Rifled copper tubing with greater surface area for heat exchange increases coil efficiency and improves overall energy efficiency



NOTE: Prototype shown. Production model may vary.



Scan to Watch Video:
WALLMASTER®
DURABILITY

Unit Dimensions & General Data



Preliminary Specifications Inverter Models

Model	Cooling Btu (Nominal)	HP Heating Btu	Electric Heating Btu (Backup)	Volts	Cooling Amps	Cooling Watts	Heating Amps	Heating Watts	Electric Heating kW	EER	CEER	ENERGY STAR*	Estimated Yearly Energy Cost	COP	Moisture Removal Pints/Hr	CFM	Net/Ship Wt. Lbs.
WALLMASTER® THROUGH-THE-WALL - COOL ONLY																	
WCVT10B10B	10,000	—	—	115V	12.5	585	—	—	—	10.8	14.2	Y	\$53	—	3.4	275	90/95
WCVT10B30B	10,000	—	—	230V	5.4	585	—	—	—	10.8	14.2	Y	\$53	—	3.4	275	90/95
WCVT12B10B	11,800	—	—	115V	12.4	621	—	—	—	11	13.9	Y	\$63	—	4.6	300	110/115
WCVT12B30B	11,800	—	—	230V	5.2	621	—	—	—	11	13.9	Y	\$63	—	4.6	300	110/115
WCVT16B30B	16,800	—	—	230V	TBD	TBD	—	—	—	TBD	TBD	TBD	TBD	—	TBD	TBD	110/115
WALLMASTER® THROUGH-THE-WALL - HEAT PUMP																	
WHVT14B33B	14,300	11,400	11,000	230V	7.3	906	5	1,207	3.2	9.4	12.8	Y	\$85	2.4	5	350	115/120

NOTE: WallMaster Heat Pump heating information indicates heat pump performance; WallMaster Electric Heat heating information indicates electric heat strip performance; For WallMaster Heat Pump electric heating performance refer to corresponding WallMaster Electric Heat model; Your energy costs will depend on your utility rates and use.

Cooling Sizing Guide

Area To Be Conditioned in Sq. Ft.	Recommended Friedrich Model	Volts
100-350	WCVT10B10B	115
	WCVT10B30B	230
300-550	WCVT12B10B	115
	WCVT12B30B	230
500-600	WHVT14B33B	230
550-700	WCVT16B30B	230

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

Installation Information

Through-the-wall Installation

									THROUGH-THE-WALL INSTALLATION					
	Height (Inches)	Width (Inches)	Depth (Inches)	Height of Front (Inches)	Width of Front (Inches)	Depth with Front (Inches)	Minimum Extension Into Room with Front (Inches)	Minimum Extension Outside (Inches)	Finished Hole (Inches)			Carton Dimensions (Inches)		
									Height	Width	Max. Depth	Height	Width	Depth
Chassis Dimensions	15 3/4"	26 1/2"	21"	17 1/4"	27 1/2"	23 1/4"	7 1/2"	—	—	—	—	19 3/8"	30 5/8"	27 1/2"
WSE/WSEZ Sleeve Dimensions	16 3/4"	27"	16 3/4"	—	—	24 1/4"	—	9/16"	17 1/4"	27 1/4"	15 5/16"	18"	27 1/4"	18"

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

Electrical Requirements

Model	Circuit Rating Breaker or T-D Fuse	Plug Face (NEMA#)	Power Cord Length (ft.)	Wall Outlet Appearance
WCVT10B10B, WCVT12B10B	125V-15A	5-15P	6'	
WCVT10B30B, WCVT12B30B, WCVT16B30B	250V-15A	6-15P	6'	
WHVT14B33B	250V-20A	6-20P	6'	

NOTE: Power cords are located on the front left side of WallMaster units.



Remote control included

A perfect fit in Fedders A & B¹ 27" sleeves

Replace old, inefficient 27" sleeve
units with WallMaster



Dimensions	Friedrich WSE Sleeve	Fedders A Sleeve	Fedders B Sleeve ¹
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"

¹Installation in Fedders B sleeve requires a baffle adapter Kit—BAK.

WallMaster® Accessories

WSE Sleeve/Exterior Grilles



Standard Grille

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



Optional Architectural Grille – AG

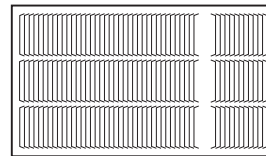
Premium extruded aluminum grille.

IMPORTANT:

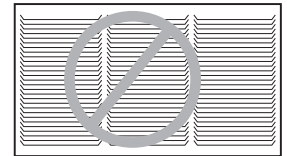
Operating the air conditioner with incorrect rear grille or without Baffle Adapter Kit (on 19 1/4" deep sleeve) will recirculate discharge air and cause compressor overload to trip.

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 & WSEZ sleeve



Steel inner panel



Outer weather panel

WSEZ Wall Sleeve

The WSEZ sleeve comes in 4 knock down side panels, that are easy to snap in place - no additional hardware required. Grille screws into place on sleeve (screws included).

Sleeves ship collapsed with grille, weather barrier, and required screws.

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 1/4" deep, such as Fedders B sleeve (19 1/4" deep).



Friedrich® WallMaster®

Fast Features

Cooling & Heating Efficiencies:

COOLING: 10,000–14,300 Btu

HEATING: 11,400 Btu

Compressor Type: Inverter-driven, variable speed

ENERGY STAR® Certified: All models

Refrigerant Type: R-32

Key Features

- Precision Inverter®
- QuietMaster® technology
- Built-in Wi-Fi
- Control with FriedrichLink® app or by voice command
- Heat Pump models available

Additional Standard Features:

- **Perfect fit in Fedders A and B** (requires a baffle kit), making it easy to replace old, inefficient 27" sleeves
- **Comfort and convenience** with three fan speeds, automatic fan, auto changeover between cooling and heating on heat pump models and auto restart
- **Earth-friendly design** with R-32 refrigerant that meets the EPA's 2025 global warming potential limit, the ability to set high and low temperature limits, and recyclable packaging

Limited Warranty:

- 2-year parts



WallMaster®

THE PERFECT FIT™



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.

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