

# COMFORT

THAT FEELS **CUSTOM-MADE**



**WallMaster**<sup>®</sup>  
THE PERFECT FIT™

COME HOME TO COMFORT THAT FEELS CUSTOM-MADE WITH FRIEDRICH<sup>®</sup> WALLMASTER<sup>®</sup> 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

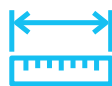
# Advanced Features Work Harder So You Can Rest Easier

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.

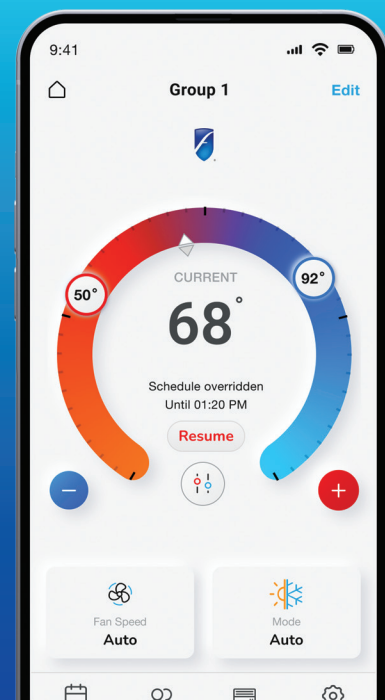
## Built-in Wi-Fi Connectivity

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

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Google is a registered trademark of Google LLC.



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® WHV14B33A Air Conditioner 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



**PRECISION  
INVERTER**®

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



**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, ensuring additional efficiency and savings



# 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



## Inverter Models

Model	Cooling Btu (Nominal)	Low Cooling Btu	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.
<b>WALLMASTER® THROUGH-THE-WALL - COOL ONLY</b>																		
★ WCVT10B10A	10,000	5,000	—	—	115V	11.6	585	—	—	—	9.8	13	Y	\$59	—	3.4	275	90/95
★ WCVT10B30A	10,000	5,000	—	—	230V	5.4	585	—	—	—	10.4	13	Y	\$59	—	3.4	275	90/95
★ WCVT12B10A	12,000	6,000	—	—	115V	11.6	621	—	—	—	11.1	13.2	Y	\$68	—	4.6	300	110/115
★ WCVT12B30A	12,000	6,000	—	—	230V	6.5	621	—	—	—	11.7	13.2	Y	\$68	—	4.6	300	110/115
★ WCVT16B30A	16,000	8,000	—	—	230V	10.4	964	—	—	—	9.4	12.6	Y	\$96	—	6.2	350	110/115
<b>WALLMASTER® THROUGH-THE-WALL - HEAT PUMP</b>																		
WHVT14B33A	13,500	7,000	10,000	10,700	230V	8.7	906	5	1,207	3.2	9	12	N	\$90	2.4	5	350	115/120

★ ENERGY STAR® models

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.

## Single-speed Models

Model	Cooling Btu	Heating Btu	Volts Rated	Cooling Amps	Cooling Watts	Heating Amps	Heating Watts	EER	CEER	ENERGY STAR*	Estimated Yearly Energy Cost	COP	Moisture Removal Pints/Hr	CFM	Net/Ship Wt. lbs.
<b>WALLMASTER® THROUGH-THE-WALL - COOL ONLY</b>															
WCT16B30A	15,400	—	230V	7.7	1,638	—	—	9.4	9.3	N	\$161	—	4.8	280	119/123



All units use R-32 refrigerant with low Global Warming Potential.

## Cooling Sizing Guide

Area To Be Conditioned in Sq. Ft.	Recommended Friedrich Model	Volts
100-350	WCVT10B10A	115
	WCVT10B30A	230
300-550	WCVT12B10A	115
	WCVT12B30A	230
500-600	WHVT14B33A	230
550-700	WCVT16B30A	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




# WallMaster® Installation Information

## Through-the-wall Installation

	THROUGH-THE-WALL INSTALLATION											Carton Dimensions (Inches)		
								Finished Hole (Inches)						
	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)	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 Sleeve Dimensions	16 3/4"	25 15/16"	29"	—	—	24 1/4"	—	9/16"	17 1/4"	27 1/4"	15 5/16"	18"	27 1/4"	18"

NOTE: Chassis requires WSE 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
WCVT10B10A, WCVT12B10A	125V-15A	5-15P	6'	
WCVT10B30A, WCVT12B30A, WCVT16B30A	250V-15A	6-15P	6'	
WHVT14B33A	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 & B<sup>1</sup> 27" sleeves

Replace old, inefficient 27" sleeve units with WallMaster



Dimensions	Friedrich WSE Sleeve	Fedders A Sleeve	Fedders B Sleeve <sup>1</sup>
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"

<sup>1</sup>Installation in Fedders B sleeve requires a baffle adapter Kit—BAK.

# 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

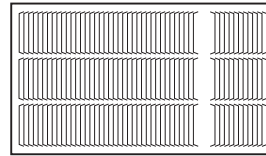
Premium extruded aluminum grille.

### IMPORTANT:

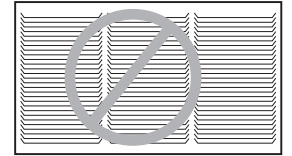
Operating the air conditioner with incorrect rear grille or without Baffle Adapter Kit (on 19 1/4" deep sleeve) will recirculate discharge air and cause compressor overload to trip.

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





# Friedrich® WallMaster® Fast Features

## Cooling & Heating Efficiencies:

COOLING: 10,000–16,000 Btu

HEATING: 10,000 Btu

**Compressor Type:** Inverter-driven, variable speed

**ENERGY STAR® Certified:** All inverter models

**Refrigerant Type:** R-32



## Key Features

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

## Additional Standard Features:

- **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
- **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

## Limited Warranty:

- 2-year parts

**WallMaster®**  
THE PERFECT FIT™



## Standing Out as a Cut Above

Many Friedrich products have sustainability features, but the WCVT10B10A, WCVT10B30A, WCVT12B10A, WCVT12B30A, WCVT16B30A models have earned our Sustainability Standout® seal, indicating that they are among the best of the best. We created the seal to help you more easily find the products that save energy, save money, and save the planet.



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 an electricity cost of \$.13 per kWh.

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