



# Friedrich WallMaster® Series Thru-the-wall Air Conditioners



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## COOL ONLY

115 volt- 8,000 to 11,600 Btu  
230 volt- 10,000 to 15,400 Btu

EFFICIENCY: EERs up to 10.72 CEER up to 10.6

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## HEAT PUMP

230 volt- 11,100 Btu COOLING  
8,900 Btu HEATING

EFFICIENCY: EERs up to 9.4 CEER 9.3

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## ELECTRIC HEAT MODELS

230 volt- 10,000 to 16,000 Btu COOLING  
11,000 Btu HEATING

EFFICIENCY: EERs up to 10.7

## FEATURES

- Control with *FriedrichConnect*® app or by voice command
- Customizable, 7-day schedules
- Advanced grouping of multiple units
- Smart Fan auto-adjusts fan speed to maintain desired temperature
- Check filter reminder
- Control panel lockout (ON/OFF)
- 24-hour timer
- 3-speed fan
- Auto restart
- Electronic defrost control
- Individually adjustable louvers direct airflow to where it's needed most
- Washable filter
- *Money Saver*® setting cycles the fan with the compressor
- Auto-changeover between cooling and heating (heat/cool models)
- Rotary compressor provides quiet, dependable performance
- Premium aluminum exterior grille
- Rifled copper tubing/high tech louvered fins for better efficiency
- Impact resistant front cover
- Up to 45% quieter\* than competitive models
- 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
- 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
- *EntryGard*® anti-intrusion protection secures chassis to sleeve
- Insect barrier
- ENERGY STAR® qualified models,
- Multiple scheduling options save energy
- Temperature limiting for maximum low and high temperature settings
- R-32 refrigerant with low global warming potential (GWP) on WCT16B30A
- Recyclable packaging



\*Based on testing conducted at the Friedrich Design and Development Center in comparison to leading rotary compressor models



## SPECIFICATIONS

Model	UPC	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.	CFM	Wt Lbs Net/Ship
Cooling Only															
★ WCT08A10A	724587436655	8000	—	115	7.0	748	—	—	10.7	10.6	\$73	—	1.8	250	93/97
★ WCT10A10A	724587436662	10000	—	115	9.3	935	—	—	10.7	10.6	\$92	—	2.4	250	103/107
★ WCT12A10A	724587440317	11600	—	115	10.5	1094	—	—	10.6	10.5	\$122	—	3.8	295	101/105
★ WCT10A30A	724587436952	10000	—	230	4.4	935	—	—	10.7	10.6	\$92	—	2.7	275	112/116
★ WCT12A30A	724587440324	12000	—	230	5.5	1132	—	—	10.6	10.5	\$123	—	3.8	300	109/113
WCT16B30A	724587442175	15400	—	230	7.5	1638	—	—	9.4	9.3	\$161	—	4.8	290	119/123
Cooling with Heat Pump															
WHT12A33A	724587438062	11100	8900	230	5.5	1181	1087	5.0	9.4	9.3	\$102	2.4	3.1	275	111/115
Cooling with Electric Heat															
WET10A33A	724587436990	10000	11000	230	4.4	935	3550	16.0	10.7	10.6	\$92	—	2.7	260	104/108
WET12A33A	724587437003	12000	11000	230	5.4	1250	3550	16.0	9.6	9.5	\$123	—	3.8	290	107/111
WET16A33A	724587437010	15400	11000	230	7.5	1638	3550	16.0	9.4	9.3	\$161	—	4.8	290	119/123

Heat Pump heating information (shown in red) indicates heat pump heating performance. Electric Heat heating information (shown in red) 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.

## INSTALLATION

### 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 1/4"	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)

### 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.

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

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.

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](http://www.ftc.gov/energy).

## OPTIONAL ACCESSORIES

### WSE SLEEVE/ EXTERIOR GRILLES



#### Standard Grille

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



#### Architectural Grille- AG

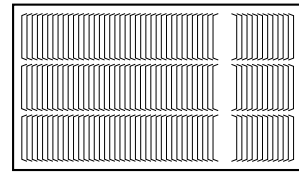
Premium extruded aluminum grille. Optional accessory

#### IMPORTANT:

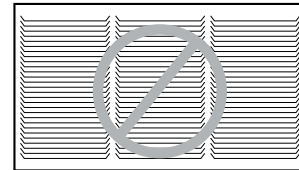
Operating the air conditioner with incorrect rear grille or without Baffle Adapter Kit (on 19 1/2" deep sleeve) will recirculate discharge air and cause compressor overload to trip.

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

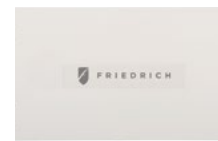
Ships with standard grille (shown above) and standard galvanized steel inner panel and painted steel outer panel.



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 1/2" deep, such as Fedders B sleeve (19 1/2" deep).



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