

# Thru-the-wall Air Conditioners

## NEW WallMaster®

### Perfect fit in 27" sleeves

Redesigned WallMaster is ideal for replacement of old inefficient units. Fits competitor's 27" sleeves, including Fedders A and B.



**FRIEDRICH**

1883

THE EXPERTS IN ROOM AIR CONDITIONING

# NEW WallMaster®

## COMMERCIAL GRADE THRU-THE-WALL AIR CONDITIONERS

A perfect fit in Friedrich and Fedders A & B 27" sleeves

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### Comfort & Convenience

- New design makes controls more accessible
- Remote control
- 24-hour timer
- Smart Fan auto-adjusts fan speed to maintain desired temperature
- Check filter reminder
- 3-speed fan
- Auto restart
- Electronic defrost control
- Individually adjustable air louvers
- Washable, antimicrobial filter

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### Energy Management

- Money Saver® setting cycles the fan with the compressor
- ENERGY STAR® qualified models
- R-410A refrigerant

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### Durability & Quality

- Rotary compressor provides quiet, dependable performance
- Premium aluminum exterior grille
- Dense blower insulation blocks outdoor noise
- Rifled copper tubing
- Impact resistant front cover
- High tech fins with sine wave lanced louvers increase energy efficiency by increasing surface area for heat exchange

FITS SLEEVES  
16 3/4" HIGH X 27" WIDE



Select MODE, FAN SPEED, MONEYSAVER®, adjust TEMPERATURE and set the TIMER.

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### Installation Features

- Mounts flush with the exterior wall for a neat appearance
- 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
- Adjustable louvers direct the air flow where you need it
- A direct replacement for 27" sleeves including Fedders A and B\*. Sleeve measures 27" W x 16 3/4" H

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### Safety & Security

- EntryGard™ anti-intrusion protection secures chassis to sleeve to deter 'kick-in' intrusion
- Power cord current leakage protected
- Insect barrier

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### Accessories

- AG architectural grille for use with WSE sleeve
- Baffle adapter kit for use with deep sleeve installations
- Drain kit for condensate disposal
- Internal drain kit for new construction applications where condensate drain system is built-in

WSE SLEEVE ships with inside and outside weather panel and standard grille

ADJUSTABLE LOUVERS



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

# Optional Accessories

## WallMaster® WSE Sleeve Exterior Grilles



**Standard Grille**  
Premium, stamped steel grille with powder coat paint. Ships with WSE sleeve. Galvanized steel inner and outer weather panels also ship with sleeve.



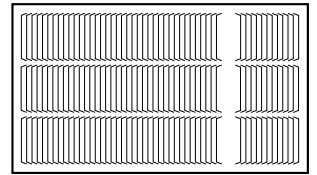
**Optional Architectural Grille- AG**  
Premium brushed aluminum grille.

**IMPORTANT:**

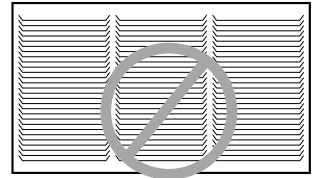
Operating the air conditioner with incorrect rear grille or without Baffle Adapter Kit (on 19 3/4" deep sleeve) will recirculate discharge air and cause compressor overload to trip.

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

**CORRECT Vertical Louvers**



**INCORRECT Horizontal Louvers**



## 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).



## CHASSIS DIMENSIONS

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

## WSE SLEEVE DIMENSIONS

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

## FITS EXISTING FEDDERS SLEEVES.

Sleeve 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

Chassis requires WSE sleeve (sold and shipped separately)

# SPECIFICATIONS

★ ENERGY STAR® 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.	Model CFM	Net Wt Lbs	Ship Wt Lbs
<b>Cooling only</b>															
★ WS08D10	8000	NA	115	6.4	769	NA	NA	10.4	10.2	\$69	—	1.8	250	93	97
★ WS10D10	9700	NA	115	8.0	990	NA	NA	9.8	9.7	\$89	—	2.4	260	103	107
★ WS10D30	10000/9800	NA	230/208	4.5/4.9	1020/1000	NA	NA	9.8/9.8	9.7/9.7	\$92	—	1.5	260	101	105
★ WS12D10	12000	NA	115	10.8	1224	NA	NA	9.8	9.7	\$110	—	3.5	295	112	116
★ WS12D30	12000/11700	NA	230/208	5.5/5.8	1224/1194	NA	NA	9.8/9.8	9.7/9.7	\$110	—	3.5	290	109	113
WS15D30	14500/14200	NA	230/208	7.0/7.5	1559/1527	NA	NA	9.3/9.3	9.3/9.3	\$140	—	4.8	290	119	123
<b>Heat pumps</b>															
★ WY09D33	9000/9000	8100/7800	230/208	4.4/4.7	918/918	880/830	4.1/4.4	9.8/9.7	9.7/9.7	\$83	2.70/2.75	2.5	260	103	107
WY12D33	11500/11300	9200/8800	230/208	5.5/5.8	1237/1215	1227/1158	5.5/5.8	9.3/9.3	9.3/9.3	\$111	2.20/2.23	3.4	275	111	115
<b>Cooling with electric heat</b>															
WE10D33	10000/9800	11000/9100	230/208	4.5/4.9	1020/1000	3550/2950	16.0/14.7	9.8/9.8	9.7/9.7	\$92	—	1.5	260	104	108
WE12D33	12000/11700	11000/9100	230/208	5.5/5.8	1224/1194	3550/2950	16.0/14.7	9.8/9.8	9.7/9.7	\$110	—	3.5	290	107	111
WE15D33	14500/14200	11000/9100	230/208	7.0/7.5	1559/1527	3550/2950	16.0/14.7	9.3/9.3	9.3/9.3	\$140	—	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.

## PLUG FACE/CIRCUIT RATING

WallMaster® Model Number	Circuit Rating Breaker or T-D Fuse	Plug Face (NEMA#)	Power Cord Length (ft.)	Wall Outlet Appearance
WS08D10, WS10D10 and WS12D10.	125V - 15A	5 - 15P	6	
WS10D30, WS12D30 and WS15D30.	250V - 15A	6 - 15P	6	
WE10D33, WE12D33 and WE15D33. WY09D33 and WY12D33.	250V - 20A	6 - 20P	6	

Model	Carton Dimensions INCHES		
	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. Your operating costs will depend on your utility rates and use. The estimated operating cost is based on a electricity cost of \$ .12 per kWh. For more information, visit [www.ftc.gov/energy](http://www.ftc.gov/energy).



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