



WallMaster® Series

THRU-THE-WALL AIR CONDITIONERS



FRIEDRICH

1883

THE EXPERTS IN ROOM AIR CONDITIONING

WallMaster®

Thru-the-wall Air Conditioners

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

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 louvers direct the air flow where you need it
- Washable, antimicrobial filter

Energy Management

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

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 wavelanced louvers increase energy efficiency by increasing surface area for heat exchange

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



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

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
- A direct replacement for 27" sleeves including Fedders A and B*. Sleeve measures 27" W x 16 3/4" H

Safety & Security

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

Optional Accessories

- AG architectural grille for use with WSE sleeve
- Baffle adapter kit for use with deep sleeve installations (Fedders B sleeves)
- 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 steel weather panels and standard exterior 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.

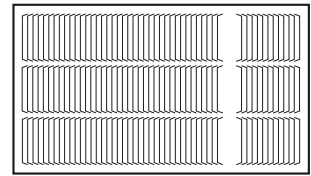


Optional Architectural Grille- AG
Premium extruded aluminum grille.

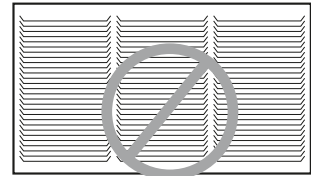
IMPORTANT:
Operating the air conditioner with incorrect rear grille or without Baffle Adapter Kit (on 19 3/4" deep sleeve) will recirculate discharge air and cause compressor overload to trip.

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 weather panels and grille.

Sleeve is shown at right with standard galvanized steel inner panel, painted steel outer panel and standard grille



Inner steel weather panel



WSE sleeve



Outer weather panel



Standard grille

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 |
|---------|---------|-------|-----------------|----------------|------------------|--|
| 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" |

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. | CFM | Net Wt Lbs | Ship Wt Lbs |
|-----------------------------------|-------------|-------------|-------------|--------------|---------------|---------------|--------------|-----------|-----------|------------------------------|---------|--------------------------------|-----|------------|-------------|
| Cooling Only | | | | | | | | | | | | | | | |
| ★ WS08D10A | 8000 | — | 115 | 6.3 | 748 | — | — | 10.7 | 10.6 | \$67 | — | 1.8 | 250 | 93 | 97 |
| WS10D10A | 9700 | — | 115 | 8.0 | 990 | — | — | 9.8 | 9.7 | \$89 | — | 2.4 | 260 | 103 | 107 |
| ★ WS10D30A | 10000/9900 | — | 230/208 | 4.4/4.6 | 935/925 | — | — | 10.7/10.7 | 10.6/10.6 | \$84 | — | 2.7 | 260 | 101 | 105 |
| WS12D10A | 12000 | — | 115 | 10.8 | 1224 | — | — | 9.8 | 9.7 | \$110 | — | 3.5 | 295 | 112 | 116 |
| WS12D30A | 12000/11700 | — | 230/208 | 5.5/5.8 | 1224/1194 | — | — | 9.8/9.8 | 9.7/9.7 | \$110 | — | 3.5 | 290 | 109 | 113 |
| WS15D30A | 14500/14300 | — | 230/208 | 6.7/7.2 | 1543/1521 | — | — | 9.4/9.4 | 9.3/9.3 | \$140 | — | 4.8 | 290 | 119 | 123 |
| Cooling with Heat Pump | | | | | | | | | | | | | | | |
| WY12D33A | 11300/11000 | 8900/8700 | 230/208 | 5.5/5.6 | 1215/1183 | 1119/1082 | 5.0/5.3 | 9.4/9.4 | 9.3/9.3 | \$102 | 2.3/2.3 | 3.4 | 275 | 111 | 115 |
| Cooling with Electric Heat | | | | | | | | | | | | | | | |
| 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 |
| WE15D33A | 14500/14300 | 11000/9100 | 230/208 | 6.7/7.2 | 1543/1521 | 3550/2950 | 16.0/14.7 | 9.4/9.4 | 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 |
|--|------------------------------------|-------------------|-------------------------|---|
| WS08D10A, WS10D10A and WS12D10A. | 125V - 15A | 5 - 15P | 6 |  |
| WS10D30A, WS12D30A and WS15D30A. | 250V - 15A | 6 - 15P | 6 |  |
| WE10D33, WE12D33 and WE15D33A. WY12D33A. | 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.

The consumer, through the AHAM Room Air Conditioner Certification Program, can be certain that the AHAM Certification Seal accurately states the unit's cooling and heating capacity rating, the amperes and the energy efficiency ratio.

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 \$.12 per kWh. For more information, visit www.ftc.gov/energy.



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