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|--------------|--------------|---------------|
| PURCHASER | P.O. # | DATE |
| PROJECT | LOCATION | |
| ENGINEER | ARCHITECT | |
| SUBMITTED BY | FOR APPROVAL | FOR REFERENCE |

| ITEM | PLAN DESIGNATION | QUANTITY | COOLING BTU/H | VOLTAGE | FRIEDRICH MODEL |
|------|------------------|----------|---------------|---------|-----------------|
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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 louvers direct air flow where you need it
- Washable, antimicrobial filter

Energy Savings

- 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 wave lanced louvers increase energy efficiency by increasing surface area for heat exchange

Installation Features

- Mounts flush with the exterior wall for a neat appearance
- Ideal for thicker wall installations, where side fins don't fit
- A high efficiency replacement for 27" sleeves including Fedders A and B*. Sleeve measures 27" W x 16 3/4" H

Accessories

- AG architectural grille for use with WSE sleeve
- 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.
- Baffle adapter kit for use with deep sleeve installations (Fedders B sleeves).



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 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" | 16 1/4" | 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" |

SPECIFICATIONS

★ ENERGY STAR® models

| Model | Cooling Btu | Heating Btu | Volts Rated | Cooling Amps | Cooling Watts | EER | CEER | Estimated Yearly Energy Cost |
|------------|-------------|-------------|-------------|--------------|---------------|---------|---------|------------------------------|
| ★ WS08D10A | 8000 | NA | 115 | 6.3 | 748 | 10.7 | 10.6 | \$67 |
| WS12D10A | 12000 | NA | 115 | 10.8 | 1224 | 9.8 | 9.7 | \$110 |
| WS15D30A | 14500/14000 | NA | 230/208 | 7.0/7.6 | 1559/1505 | 9.3/9.3 | 9.3/9.3 | \$140 |

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.

| Model | A-WEIGHTED SOUND PRESSURE LEVEL (dba) | | | | | | | | | | | | | | | |
|----------|---------------------------------------|------|------|-----|-----------------|------|------|-----|-----------------|------|------|-----|------------------|------|------|-----|
| | INDOOR COOLING | | | | OUTDOOR COOLING | | | | INDOOR FAN ONLY | | | | OUTDOOR FAN ONLY | | | |
| | A 5L | <≠< | A 98 | @CK | A 5L | <≠< | A 98 | @CK | A 5L | <≠< | A 98 | @CK | A 5L | <≠< | A 98 | @CK |
| WS08D10A | 55.3 | 53.5 | 52.0 | NA | 61.5 | 59.2 | 58.0 | NA | 55.1 | 53.3 | 52.1 | NA | 61.5 | 59.1 | 57.1 | NA |
| WS12D10A | 62.1 | 56.0 | 51.1 | NA | 67.1 | 60.8 | 56.6 | NA | 62.1 | 56.0 | 51.1 | NA | 57.1 | 61.7 | 67.9 | NA |
| WS15D30A | 58.5 | 55.9 | 50.9 | NA | 66.8 | 63.4 | 60.6 | NA | 58.0 | 55.2 | 49.0 | NA | 66.6 | 62.8 | 57.0 | NA |

Tested in Friedrich DDC sound test lab.

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, WS12D10A | 125V - 15A | 5 - 15P | 6 |  |
| WS15D30A. | 250V - 15A | 6 - 15P | 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.

