

| | | |
|--------------|--------------|---------------|
| 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

- Easy-to-reach, top mount controls
- Remote control
- 24 hour programmable timer
- Smart Fan auto-adjusts fan speed to maintain desired temperature
- 3 speed fan
- Washable, antimicrobial filter
- Auto restart
- Electronic defrost control
- Insect barrier
- Reversible louver allows a second airflow option

Energy Savings

- Money Saver® setting saves money by operating the fan only when needed
- Six Energy Star models

Durability & Quality

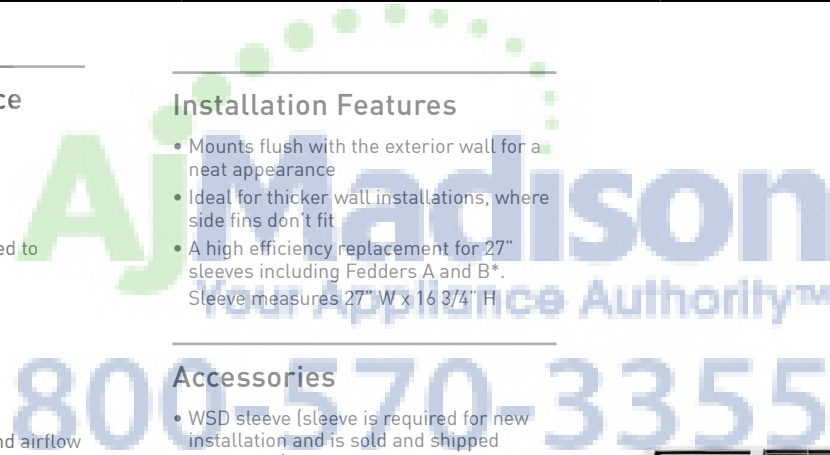
- Rotary compressors provide quiet, dependable performance
- Premium stamped exterior grille
- Dense blower insulation
- Rifled copper tubing
- Impact resistant front cover
- High tech fins with sine wave lanced louvers increase energy efficiency by increasing surface area for heat exchange

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

- WSD sleeve (sleeve is required for new installation and is sold and shipped separately)
- Architectural grille
- Drain kit
- Interior drain kit
- Subbase
- Baffle adapter kit



| Sleeve Dimensions | Friedrich WSD 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 |

Specifications

★ ENERGY STAR® qualified

| Model | Cooling Btu | Heating Btu | Volts Rated | Cooling Amps | Cooling Watts | Heating Amps | Heating Watts | Energy Efficiency Ratio EER | Estimated Yearly Operating Cost | Moisture Removal Pints/HR | CFM | Sleeve | Net Weight Lbs. | Ship Weight Lbs. |
|--------------------------------|-------------|-------------|-------------|--------------|---------------|--------------|---------------|-----------------------------|---------------------------------|---------------------------|-----|--------|-----------------|------------------|
| WALLMASTER® | | | | | | | | | | | | | | |
| <i>Cool only</i> | | | | | | | | | | | | | | |
| ★ WS08C10 | 7800 | NA | 115 | 7.1 | 788 | NA | NA | 9.9 | † | 1.2 | 250 | WSD | 93 | 97 |
| ★ WS10C10 | 9700 | NA | 115 | 10.0 | 1032 | NA | NA | 9.4 | \$82 | 2.4 | 260 | WSD | 103 | 107 |
| ★ WS12C10C | 11500 | NA | 115 | 11.5 | 1223 | NA | NA | 9.4 | \$98 | 3.1 | 320 | WSD | 112 | 116 |
| ★ WS10C30 | 9500/9200 | NA | 230/208 | 4.5/4.7 | 989/958 | NA | NA | 9.6/9.6 | \$79 | 1.5 | 300 | WSD | 101 | 105 |
| ★ WS12C30 | 11500/11200 | NA | 230/208 | 5.5/6.0 | 1223/1191 | NA | NA | 9.4/9.4 | \$98 | 3.0 | 320 | WSD | 109 | 113 |
| WS16C30 | 15600/15000 | NA | 230/208 | 8.3/8.9 | 1835/1765 | NA | NA | 8.5/8.5 | \$144 | 4.2 | 290 | WSD | 119 | 123 |
| <i>Heat Pump</i> | | | | | | | | | | | | | | |
| ★ WY09C33 | 9300/9000 | 7300/7300 | 230/208 | 4.4/4.7 | 989/957 | 3.8/4.0 | 839/793 | 9.4/9.4 | \$79 | 2.1 | 250 | WSD | 103 | 107 |
| WY12C33 | 12000/11800 | 9350/9200 | 230/208 | 6.1/6.4 | 1395/1372 | 4.8/5.1 | 1062/1010 | 8.6/8.6 | \$111 | 2.6 | 275 | WSD | 111 | 115 |
| <i>Cool with Electric Heat</i> | | | | | | | | | | | | | | |
| WE10C33 | 9500/9200 | 11000/9100 | 230/208 | 4.5/4.7 | 989/957 | 16.0/14.7 | 3550/2950 | 9.6/9.6 | \$79 | 1.5 | 300 | WSD | 121 | 125 |
| WE12C33 | 11500/11200 | 11000/9100 | 230/208 | 5.5/6.0 | 1123/1191 | 16.0/14.7 | 3550/2950 | 9.4/9.4 | \$98 | 3.0 | 320 | WSD | 107 | 111 |
| WE16C33 | 15600/15000 | 11000/9100 | 230/208 | 8.3/8.9 | 1835/1765 | 16.0/14.7 | 3550/2950 | 8.5/8.5 | \$140 | 4.2 | 290 | WSD | 116 | 120 |

WallMaster Heat Pump heating information indicates heat pump heating 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.

WALLMASTER HEAT PUMP

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.

During electric heat mode, the unit will achieve the following ratings: 11000/9100 BTU/h, 16.0/14.7 amps, and 3550/2950 watts.

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 |
|---|------------------------------------|-------------------|-------------------------|---|
| WS08C10, WS10C10, WS12C10 | 125V - 15A | 5 - 15P | 6 |  |
| WS10C30, WS13C30, WS16C30 | 250V - 15A | 6 - 15P | 4 |  |
| WE10C33, WE13C33, WE16C33, WY09C33, WY12C33 | 250V - 20A | 6 - 20P | 4 |  |

Power cords are located on front left of WallMaster models.

| Model | Carton Dimensions INCHES | | |
|-------------|--------------------------|---------|---------|
| | Height | Width | Depth |
| WallMaster® | | | |
| WSD Sleeve | 18" | 27 1/4" | 18" |
| Chassis | 18 1/2" | 30 1/2" | 29" |
| Uni-Fit® | | | |
| USC Sleeve | 17 7/8" | 28" | 19 1/4" |
| US Chassis | 17 1/4" | 27 3/4" | 22 1/4" |
| UE Chassis | 17 1/4" | 27 3/4" | 22 1/4" |

Sleeve/Chassis Dimensions

| Model | Sleeve Dimensions | | | Minimum Extension | | | Thru-the-wall Finished Hole | | |
|------------|-------------------|---------|---------|-------------------|-----------|---------|-----------------------------|---------|------------|
| | Height | Width | Depth | Depth with Front | Into Room | Outside | Height | Width | Max. Depth |
| WallMaster | | | | | | | | | |
| WSD Sleeve | 16 3/4" | 27" | 16 3/4" | 23" | 7 1/2" | 9/16" | 17 1/4" | 27 1/4" | 15 5/16" |
| Chassis | 15 3/4" | 26 1/2" | 21" | 22" | - | - | - | - | - |

Chassis requires WSD sleeve (sold and shipped separately)

*Installation in Fedders B sleeve requires a baffle kit. See BAK accessory under accessories.

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.

