



WallMaster Thru-the-wall

Cooling only, heat pump, electric heat

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

ITEM	PLAN DESIGNATION	QUANTITY	COOLING BTU/H	VOLTAGE	FRIEDRICH MODEL

The Most Energy Efficient Solid-side Air Conditioner Installs in existing 27" sleeves

COOLING ONLY, HEAT PUMP & ELECTRIC HEAT

- High efficiency operation saves on energy costs
- Residential/commercial applications
- Mounts flush with the exterior wall for a neat appearance
- A high efficiency replacement for 27" sleeves including Fedders A and B*. Sleeve measures 27" W x 16 3/4" H
- Ideal for thicker wall installations, where side fins don't fit
- Easy-to-reach, top mount controls
- Three-speed fan
- Efficient rotary compressor
- Easy-to-clean filter



Digital Controls Feature

- 24 hour programmable timer
- Money Saver® setting saves energy by cycling the fan with the compressor
- Smart Fan auto-adjusts fan speed to maintain desired temperature
- Auto-memory backup

Sleeve Dimensions	Friedrich WSC 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

REMOTE CONTROL	24-HOUR TIMER	MONEY SAVER FEATURE	SMART FAN	ANTIMICROBIAL FILTER
✓	✓	✓	✓	✓

5 ENERGYSTAR® models



Specifications



Model	Cooling Capacity BTU/h	Heating Capacity BTU/h	Volts Rated	Cooling Amps	Cooling Watts	Heating Amps	Heating Watts	Energy Efficiency Ratio EER	Moisture Removal Pints/Hr.	Room Side Air Circulation	Net Weight Lbs.
WALLMASTER											
★ WS08B10A	8000	—	115	6.8	762	—	—	10.5	1.3	245	93
★ WS10B10A	10000	—	115	8.7	954	—	—	10.5	2.4	245	103
★ WS14B10A	13500	—	115	12.0	1415	—	—	9.5	3.3	295	112
★ WS10B30A	10000/10000	—	230/208	4.6/5.0	1005/996	—	—	10.0/10.0	2.1	260	101
WS13B30B	12500/12000	—	230/208	6.3/6.7	1404/1379	—	—	8.9/8.7	3.3	280	109
WS16B30A	15800/15000	—	230/208	7.8/8.5	1756/1705	—	—	9.0/8.8	4.2	290	119
WE10B33C	10000/10000	11000/9100	230/208	4.6/5.0	1005/996	16.0/14.7	3550/2950	10.0/10.0	2.1	260	103
WE13B33C	12500/12000	11000/9100	230/208	6.3/6.7	1404/1379	16.0/14.7	3550/2950	8.9/8.7	3.3	280	111
WE16B33C	15800/15000	11000/9100	230/208	7.8/8.5	1756/1705	16.0/14.7	3550/2950	9.0/8.8	4.2	290	121
★ WY10B33C	10100/9800	8100/7800	230/208	4.6/4.8	1013/976	3.9/4.0	857/821	10.0/10.0	2.5	230	107
WY13B33C	12500/12100	10400/10000	230/208	6.4/6.8	1389/1352	5.4/5.7	1182/1136	9.0/9.0	3.2	280	116

WallMaster Heat Pump heating information (shown in red) indicates heat pump heating performance. WallMaster Electric Heat heating information (shown in red) 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 20°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
WS08B10A, WS10B10A, WS14B10A	125V - 15A	5 - 15P	6	
WS10B30A, WS13B30B, WS16B30A	250V - 15A	6 - 15P	4	
WE10B33C, WE13B33C, WE16B33C, WY10B33C, WY13B33C	250V - 20A	6 - 20P	4	

Power cords are located on front left of WallMaster models.



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.

