

Friedrich

WallMaster® Thru-the-wall Air Conditioners

The largest capacity (15,800 BTU/h) thru-the-wall unit of any manufacturer.

Ideal for new construction, retrofits and residential remodeling. Interior noise and vibrations are virtually eliminated by extensive sound insulation. The smooth power of its rotary compressor reduces operating noise while providing increased efficiency and the large blower wheel and condenser fan allow for greater movement of air at lower speeds. Standard grilles are painted, stamped, galvanized sheet metal for superior durability. Finally, the contemporary styling and natural color complement any decor.

- Residential/ commercial application
- The most energy efficient solid-side air conditioners
- Exact fit for Fedders sleeves. Measures 27" W x 16 3/4" H
- Ultraquiet operation
- Three-speed fan
- Mounts flush with the exterior wall
- Magna 1 copper coils
- Efficient rotary compressor
- Easy-to-reach, top mount controls
- Easy-to-clean filter with antimicrobial treatment for protection against fungal and bacterial growth

Mechanical controls on heat/cool models



Unit shown with sleeve



NEW! Electronic cooling models

- 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

IMPORTANT NOTE: WSC Sleeves are sold and shipped separately to accommodate new construction and replacement requirements



WSC Sleeve
with Weather Panel in place



WSC Sleeve
with Standard Grille



WSC Sleeve
with optional Architectural Grille



AMERICA'S BEST AIR CONDITIONER

WallMaster® Thru-the-wall Air Conditioners

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 CFM	Net Weight Lbs.
WS08B10	8000	—	115	6.8	762	—	—	10.5	1.3	245	93
WS10B10	10000	—	115	8.7	954	—	—	10.5	2.4	245	103
WS14B10	13500	—	115	12.0	1415	—	—	9.5	3.3	295	112
WS10B30	10000/10000	—	230/208	4.6/5.0	1005/996	—	—	10.0/10.0	2.1	260	101
WS13B30	13200/12800	—	230/208	6.3/6.7	1389/1347	—	—	9.5/9.5	3.3	280	109
WS16B30	15800/15000	—	230/208	7.8/8.5	1756/1705	—	—	9.0/8.8	4.2	290	119
WE10B33	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
WE13B33	13200/12800	11000/9100	230/208	6.3/6.7	1389/1347	16.0/14.7	3550/2950	9.5/9.5	3.3	280	111
WE16B33	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
WY10B33	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
WY13B33	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

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.

Change-over from heat pump operation to resistance operation on models indicated is automatic at a preset outside ambient temperature of approximately 35°F.




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 in outdoor base pan for defrost condensate disposal.

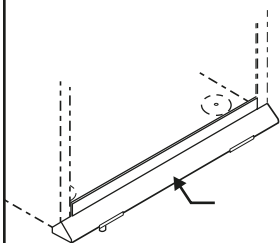
Installation Information / Sleeve Dimensions

Sleeve	Height	Width	Depth with Front	Minimum Extension Into Room	Minimum Extension Outside	Thru-the-wall Finished Hole Height	Thru-the-wall Finished Hole Width
WSC	16 3/4"	27"	23"	7 1/2"	9/16"	17 1/4"	27 1/4"

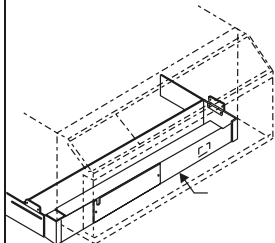
Model	Circuit Rating Breaker or T-D Fuse	Plug Face (NEMA#)	Appearance (Facing Blades)
WS08B10, WS10B10, WS14B10	125V - 15A	5 - 15P	
WS10B30, WS13B30, WS16B30	250V - 15A	6 - 15P	
WE10, WE13, WE16, WY10, WY13	250V - 20A	6 - 20P	

Installation Accessories

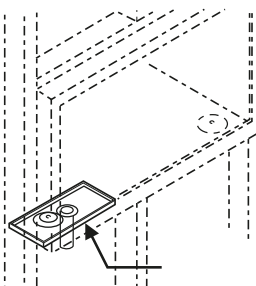
DK / Drain Kit Installed at the back of the unit and allows for attachment to permanent condensate disposal system, if disposal is necessary or desired.



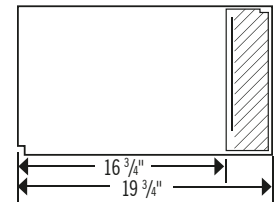
SB / Sub Base Used as a base for the unit when it is desired to place the cord and receptacle within the installation, or simply as a base for the unit when mounted low in the wall.



IDK / Internal Drain Kit Designed for new construction applications. Normal use would be with reverse cycle units that are to be drained within the wall structure, 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".



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