



# Thru-the-wall Air Conditioners

Friedrich Quality for thru-the-wall applications



TOUGH | DURABLE | COOL

**RESIDENTIAL and COMMERCIAL applications.**  
**New construction, retrofit and remodeling.**

- Programmable models with remote control
- Ten ENERGYSTAR® models that save money on energy bills
- Cool only, heat pump and electric heat models
- Commercial grade quality



Cooling models with remote control convenience



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

# WallMaster®

## The Most Energy Efficient Solid-side Air Conditioner

### COOLING ONLY, HEAT PUMP & ELECTRIC HEAT

- Residential/ commercial application
- Exact fit for Fedders A and B sleeves. Sleeve measures 27" W x 16 3/4" H
- 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



Units are shown installed in WSC sleeve (sold and shipped separately)

### REMOTE CONTROL FEATURES (cool only 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



Money Saver®



Smart Fan



24 HOUR  
Programmable  
Timer



Remote Control



Antimicrobial  
Filter

Sleeve Dimensions Friedrich/Fedders	Friedrich WSC Sleeve	Fedders A	Fedders B
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

# Uni-fit®

## Universal Fit for Easy Replacement

### COOLING ONLY & ELECTRIC HEAT

- High efficiency operation saves on energy costs
- Rotary compressors provide quiet, dependable performance
- Cooling only and cooling with electric heat models available
- 6-way air flow control
- Stale air exhaust
- Permanent filter
- Seacoast protection
- Auto re-start

COOLING MODELS feature electronic controls with remote and 3 cooling/ 3 fan-only speeds

HEAT/COOL MODELS feature 2 cooling and 2 heating speeds, plus 1 fan-only setting



Units are shown without USC sleeve (sold and shipped separately)



12 HOUR  
Electronic  
Timer



Remote Control

Sleeve Dimensions of Major Brands	Friedrich USC Sleeve	GE	Amana	Whirlpool Fedders	Frigidaire
Height (inches)	15 17/32	15 5/8	15 5/8	15 3/4	15 7/16
Width (inches)	25 7/8	26	26	26 3/4	25 7/8
Depth (inches)	16 23/32	16 7/8	16 7/8	15	18

# Thru-the-wall Air Conditioners

## Specifications

★ ENERGY STAR® models

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.
<b>WALLMASTER</b>											
★ 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
★ WS13B30A	13200/12800	—	230/208	6.3/6.7	1389/1347	—	—	9.5/9.5	3.3	280	109
WS16B30A	15800/15000	—	230/208	7.8/8.5	1756/1705	—	—	9.0/8.8	4.2	290	119
WE10B33A	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
WE13B33A	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
WE16B33A	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
WY10B33A	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
WY13B33A	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
<b>UNI-FIT</b>											
★ US08B10A	8000	—	115	7.5	825	—	—	9.6	2.2	260	73
★ US10B10A	10000	—	115	9.8	1060	—	—	9.4	3.2	285	78
★ US10B30A	10000/9800	—	230/208	4.7/5.2	1060/1040	—	—	9.4/9.4	3.2	285	78
★ US12B10A	11700	—	115	11.6	1250	—	—	9.4	3.8	290	80
★ US12B30A	11700/11400	—	230/208	5.8/6.2	1250/1210	—	—	9.4/9.4	3.8	290	80
UE08A13B	8000	3850	115	7.5	825	10.7	1230	9.6	2.2	260	73
UE10A33B	10000/9800	11200/9200	230/208	4.7/5.2	1060/1040	15.3/14.0	3500/2900	9.4/9.4	3.2	285	78
UE12A33B	11700/11400	11200/9200	230/208	5.8/6.2	1250/1210	15.3/14.0	3500/2900	9.4/9.4	3.8	290	80

### WALLMASTER HEAT PUMPS

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.

## Plug Face/ Circuit Rating

WallMaster Model Number	Uni-Fit Model Number	Circuit Rating Breaker or T-D Fuse	Plug Face (NEMA#)	Appearance (Facing Blades)
WS08B10A, WS10B10A, WS14B10A	US08B10A, UE08A13B US10B10A, US12B10A	125V - 15A	5 - 15P	
WS10B30A, WS13B30A, WS16B30A	US10B30A, US12B30A	250V - 15A	6 - 15P	
WE10, WE13, WE16 WY10, WY13	UE10A33B, UE12A33B	250V - 20A	6 - 20P	



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.



# Thru-the-wall Air Conditioners

## Sleeve/ Chassis Dimensions

Model	Height	Width	Depth	Depth with Front	Minimum Extension Into Room	Minimum Extension Outside	Thru-the-wall Finished Hole Height	Thru-the-wall Finished Hole Width
<b>WALLMASTER</b>								
WSC Sleeve	16 3/4"	27"	16 3/4"	23"	7 1/2"	9/16"	17 1/4"	27 1/4"
Chassis	15 3/4"	26 1/2"	21"	—	—	—	—	—
<b>UNI-FIT</b>								
USC Sleeve	15 17/32"	25 7/8"	16 23/32"	20 1/2"	—	1/2"	16 25/32"	26 1/8"
US Chassis	14 13/32"	24"	—	20 3/32"	3 3/4"	—	—	—
UE Chassis	14 13/32"	24 21/32"	—	19 21/32"	3 1/2"	—	—	—

### IMPORTANT:

- Sleeves are sold and shipped separately to accommodate new construction and replacement requirements
- UE models **do not** fit Westinghouse/Frigidaire sleeves.
- US models **do** fit Westinghouse/Frigidaire sleeves.

## WallMaster® Exterior Grilles



WSC Sleeve /Standard Grille

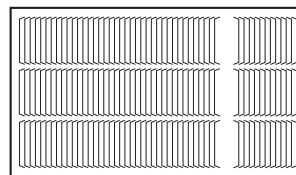


WSC Sleeve/ optional Architectural Grille

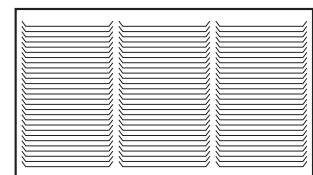
### IMPORTANT:

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.

#### CORRECT Vertical Louvers



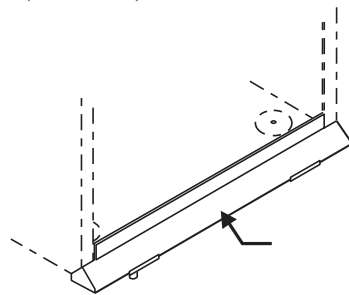
#### INCORRECT Horizontal Louvers



## Installation Accessories (WallMaster only)

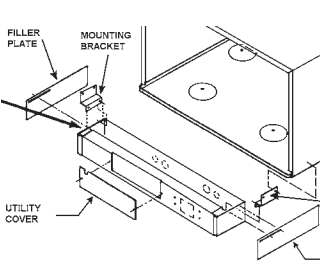
### DK / Drain Kit

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



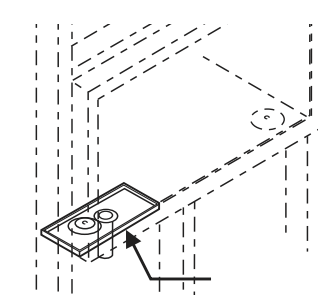
### SB / Sub Base

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.



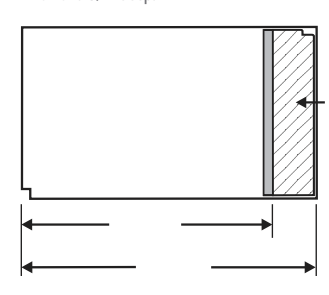
### IDK / Internal Drain Kit

New construction applications with reverse cycle units 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 which is 19 3/4" deep).



## Uni-Fit® Exterior Grilles



USC Sleeve /Standard Grille



USC Sleeve/Replacement Grille\*

### \*REPLACEMENT GRILLE – high-tech plastic

For use on existing sleeves without any grille.

Important Note: When installing into an existing sleeve consult Installation Section of Operation Manual to determine whether or not the grille needs to be replaced and/or a baffle adapter should be used.

**Friedrich**

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