

## THRU-THE-WALL AIR CONDITIONERS

### THE BEST OPTION FOR DEEP WALL INSTALLATIONS

Energy efficient solid-side air conditioners, heat pumps and electric heat models.

NEW CONSTRUCTION  
REMODEL & RETROFIT



**WALLMASTER®. A PERFECT FIT IN FRIEDRICH AND EXISTING 27" SLEEVES.**

**Commercial grade quality unit is ideal for installation in new construction, retrofits and remodels.**



COMMERCIAL  
GRADE

FEDDERS  
RETROFIT

UNIVERSAL  
FIT

**WallMaster®**  
7800-15600 Btu  
Up to 9.9 EER

**WallMaster®**  
*Electric Heat*  
COOLING  
9200-15600 Btu  
Up to 9.6 EER  
ELECTRIC HEAT  
9100-11000 Btu

**WallMaster®**  
*Heat Pump*  
COOLING  
9000-12000 Btu  
Up to 9.4 EER  
HEATING  
7300-9350 Btu



Fits Fedders A & B sleeves. B sleeve installations require BAK accessory, baffle adapter kit.

**WSD Wall Sleeve**

Ships with inner and outer weather panels, as well as standard grille. Optional architectural grille is available. See accessories page for full description.



WSD sleeve with standard grille.



WSD sleeve with architectural grille. Great for keeping out inclement weather.

NOTE: Chassis requires WSD sleeve for new installations (sold and shipped separately)

## UNI-FIT®

UNIVERSAL FIT THRU-THE-WALL FOR  
EASY REPLACEMENT IN EXISTING 24 1/2",  
26" OR 27" SLEEVES.

Residential grade quality for installation in new  
construction, retrofits and remodels.



### PRELIMINARY

#### Uni-Fit®

8000-13000 Btu  
Up to 9.6 EER

#### Uni-Fit®

##### *Electric Heat*

COOLING  
8000-11500 Btu  
Up to 9.4 EER

ELECTRIC HEAT  
3850-11200 Btu

### US Wall Sleeve

Ships with standard grille.  
A replacement grille is  
included with the chassis  
for use on existing  
sleeves. See accessories  
page for full description.



US sleeve with standard grille.



US sleeve with replacement grille.

NOTE: Chassis requires US sleeve for new installations [sold and shipped separately]

THICKER  
WALLS

COMMERCIAL  
GRADE

UNIVERSAL  
FIT

# THRU-THE-WALL ACCESSORIES

## WallMaster® 27" Sleeve Exterior Grilles



**WSD Sleeve Standard Grille**  
Premium, stamped galvanized steel grille with powder coat paint. Ships with sleeve. Galvanized steel inner and outer weather panels also ship with sleeve.



**WSD Sleeve Optional Architectural Grille- AG**

**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. This will cause the unit to shut down temporarily and may lead to premature compressor failure.

**CORRECT Vertical Louvers**



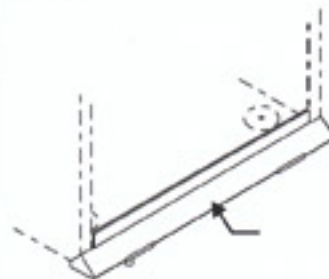
**INCORRECT Horizontal Louvers**



## Installation Accessories (27" sleeve models only)

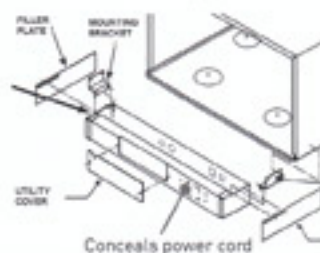
### DK / Drain Kit

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



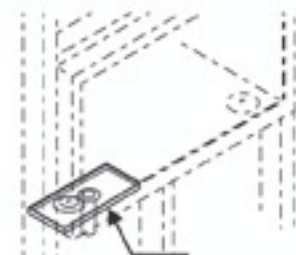
### SB / Sub Base (Hides power cord)

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 or in walls less than 6 inches deep.



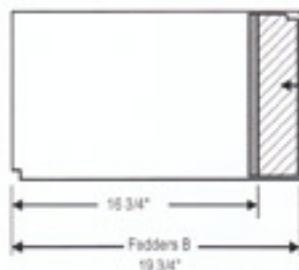
### IDK / Internal Drain Kit

New construction applications 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 (19 3/4" deep).



## Uni-Fit® 26" Sleeve Exterior Grilles



USC Sleeve Standard Grille



Sleeve shown with Replacement Grille

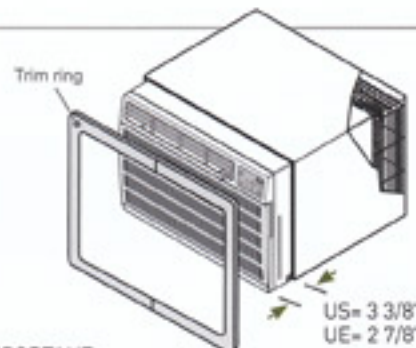
**STANDARD GRILLE** – Ships with USC sleeve  
Expanded aluminum grille designed for use with USC sleeve.

**REPLACEMENT GRILLE** – Ships with US/UE chassis  
Black plastic for use on existing sleeves without any grille.

**IMPORTANT:**  
When installing into an existing sleeve, consult installation section of your Installation/Operation Manual to determine whether or not the grille needs to be replaced and/or a baffle adapter should be used.

## Sleeve/Chassis Dimensions

Model	Height	Width	Depth	Depth with Front	Minimum Extension Into Room	Minimum Extension Outside	Thru-the-wall Finished Hole		
							Height	Width	Max. Depth
<b>WallMaster®</b>									
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"	-	-	-	-	-
<b>Uni-Fit®</b>									
USC Sleeve	15 1/2"	25 7/8"	16 3/4"	20 1/2"	-	1/2"	15 3/4"	26 1/8"	16 1/4"
US Chassis	14 3/8"	24"	18 1/2"	20 1/8"	3 3/4"	-	-	-	-
UE Chassis	14 3/8"	24 5/8"	18"	19 5/8"	3 1/2"	-	-	-	-



**IMPORTANT:**  
US chassis w/front fully installed into USC sleeve extends into room 3 3/8". UE chassis w/front fully installed into USC sleeve extends into room 2 7/8". 1" gap on sides and 1/2" gap at top can be covered by two-piece trim ring that fits over the chassis front.

# THRU-THE-WALL SPECIFICATIONS

## P R E L I M I N A R Y

★ ENERGY STAR® models

Model	Cooling Capacity Btu	Heating Capacity 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
<b>WallMaster®</b>													
<b>Cool only</b>													
WS08C10	7800	NA	115	7.1	788	NA	NA	9.9	†	1.2	250	WSD	93
WS10C10	9700	NA	115	10.0	1032	NA	NA	9.4	\$82	2.4	257	WSD	103
WS12C10	11900	NA	115	11.8	1266	NA	NA	9.4	\$101	3.3	295	WSD	112
WS10C30	9500/9200	NA	230/208	4.5/4.7	989/958	NA	NA	9.6/9.6	\$79	1.5	300	WSD	101
WS13C30	12600/12300	NA	230/208	6.3/6.7	1340/1309	NA	NA	9.4/9.4	\$107	3.6	290	WSD	109
WS16C30	15600/15000	NA	230/208	8.0/8.5	1835/1765	NA	NA	8.5/8.5	\$144	4.2	290	WSD	119
<b>Heat Pump</b>													
WY09C33	9300/9000	<b>7300/7300</b>	230/208	4.4/4.7	989/957	<b>3.8/4.0</b>	<b>839/793</b>	9.4/9.4	\$79	2.1	250	WSD	103
WY12C33	12000/11800	<b>9350/9200</b>	230/208	6.1/6.4	1395/1372	<b>4.8/5.1</b>	<b>1062/1010</b>	8.6/8.6	\$111	2.6	275	WSD	111
<b>Cool with Electric Heat</b>													
WE10C33	9500/9200	<b>11000/9100</b>	230/208	4.5/4.7	989/957	<b>16.0/14.7</b>	<b>3550/2950</b>	9.6/9.6	\$79	1.5	300	WSD	121
WE13C33	12600/12300	<b>11000/9100</b>	230/208	6.3/6.7	1340/1309	<b>16.0/14.7</b>	<b>3550/2950</b>	9.4/9.4	\$107	3.6	290	WSD	107
WE16C33	15600/15000	<b>11000/9100</b>	230/208	8.0/8.5	1835/1765	<b>16.0/14.7</b>	<b>3550/2950</b>	8.5/8.5	\$144	4.2	290	WSD	119
<b>Uni-Fit®</b>													
<b>Cool Only</b>													
US08D10	8000	-	115	7.5	830	-	-	9.6	\$65	2.2	260	USC	73
US10D10	9800	-	115	9.0	1040	-	-	9.4	\$83	3.2	285	USC	78
US12D10	11500	-	115	10.6	1220	-	-	9.4	\$97	3.8	290	USC	80
US10D30	10000/9800	-	230/208	4.7/5.2	1060/1040	-	-	9.4/9.4	\$85	3.2	285	USC	78
US12D30	11500/11200	-	230/208	5.3/5.7	1220/1190	-	-	9.4/9.4	\$97	3.8	290	USC	80
US14D30	13000/12600	-	230/208	7.0/7.5	1530/1480	-	-	8.5/8.5	\$122	4.0	310	USC	87
<b>Cool with Electric Heat</b>													
UE08D11	8000	<b>3850</b>	115	7.5	830	<b>13.0</b>	<b>1500</b>	9.4	\$65	2.2	260	USC	73
UE10D33	10000/9800	<b>11200/9200</b>	230/208	4.7/5.2	1060/1040	<b>15.3/14.0</b>	<b>3500/2900</b>	9.4/9.4	\$85	3.2	285	USC	78
UE12D33	11500/11200	<b>11200/9200</b>	230/208	5.3/5.7	1220/1190	<b>15.3/14.0</b>	<b>3500/2900</b>	9.4/9.4	\$97	3.8	290	USC	80

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 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.

### Plug Face/ Circuit Rating

WallMaster® Model Number	Uni-Fit® Model Number	Circuit Rating Breaker or T-D Fuse	Plug Face (NEMA#)	Power Cord Length (ft.)	Wall Outlet Appearance
WS08C10, WS10C10, WS12C10	US08D10, UE08D11 US10D10, US12D10	125V - 15A	5 - 15P	6	
WS10C30, WS13C30, WS16C30	US10D30, US12D30, US14D30	250V - 15A	6 - 15P	4	
WE10C33, WE13C33, WE16C33, WY09C33, WY12C33	UE10D33, UE12D33	250V - 20A	6 - 20P	4	

Power cords are located on front left of WallMaster models and on front right of Uni-Fit 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.

Estimated yearly operating cost based on a 2007 national average electricity cost of 10.65 cents per kWh. † The estimated yearly operating cost of this model was not available at the time the range was published.



R-410A  
OZONE FRIENDLY  
REFRIGERANT