

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

ITEM	PLAN DESIGNATION	QUANTITY	COOLING BTU/H	VOLTAGE	FRIEDRICH MODEL

Accessories (Wall sleeve is required)

WSE Wall Sleeve	Qty	
AG Architectural Grille	Qty	
DK Drain Kit	Qty	
IDK Internal Drain Kit	Qty	
BAK Baffle Adapter Kit	Qty	


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

- WSE sleeve, ships with inside and outside weather panel and standard grille
- AG architectural grille for use with WSE sleeve
- Baffle adapter kit for use with deep sleeve installations
- Drain kit for condensate disposal
- Internal drain kit for new construction applications where condensate drain system is built-in

Wallmaster® Thru-the-wall Air Conditioners, Heat Pumps & Electric Heat models

FITS EXISTING FEDDERS SLEEVES.

Sleeve Dimensions	Friedrich WSE 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

CHASSIS DIMENSIONS

	Height	Width	Depth	Height of Front	Width of Front	Depth with Front	Minimum Extension Into Room with Front
Chassis	15 3/4"	26 1/2"	16 1/4"	17 1/4"	27 1/2"	23 1/4"	7 1/2"

WSE SLEEVE DIMENSIONS

Model	Height	Width	Depth	Depth with Front	Minimum Extension Outside	Thru-the-wall Finished Hole		
						Height	Width	Max. Depth
WSE Sleeve	16 3/4"	27"	16 3/4"	24 1/4"	9/16"	17 1/4"	27 1/4"	15 5/16"

Chassis requires WSE sleeve (sold and shipped separately)

WallMaster® Optional Installation Accessories

WSE WALL 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.



AG88, Optional Architectural Grille

Premium brushed aluminum grille

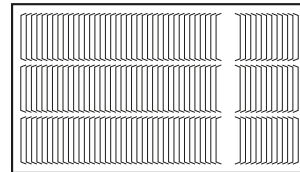


IMPORTANT:

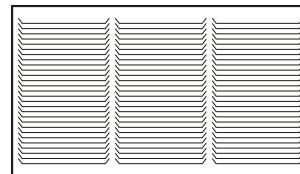
Operating the air conditioner with incorrect rear grille or without Baffle Adapter Kit (on 19 3/4" deep sleeve) will recirculate discharge air and cause compressor overload to trip.

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

CORRECT Vertical Louvers



INCORRECT Horizontal Louvers



DK / Drain Kit

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



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).



SPECIFICATIONS

★ ENERGY STAR® models

Model	Cooling Btu	Heating Btu	Volts Rated	Cooling Amps	Cooling Watts	Heating Watts	Heating Amps	EER	CEER	Estimated Yearly Energy Cost	COP	Moisture Removal Pints per Hr.	CFM	Net Wt Lbs	Ship Wt Lbs
Cooling Only															
★ WS08D10A	8000	—	115	6.3	748	—	—	10.7	10.6	\$67	—	1.8	250	93	97
★ WS10D10B	9800	—	115	9.1	935	—	—	10.7	10.6	\$83	—	2.4	250	103	107
★ WS10D30A	10000/9900	—	230/208	4.4/4.6	935/925	—	—	10.7/10.7	10.6/10.6	\$84	—	2.7	260	101	105
WS12D10A	12000	—	115	10.8	1224	—	—	9.8	9.7	\$110	—	3.5	295	112	116
WS12D30A	12000/11700	—	230/208	5.5/5.8	1224/1194	—	—	9.8/9.8	9.7/9.7	\$110	—	3.5	290	109	113
WS15D30A	14500/14300	—	230/208	6.7/7.2	1543/1521	—	—	9.4/9.4	9.3/9.3	\$140	—	4.8	290	119	123
Cooling with Heat Pump															
WY12D33A	11300/11000	8900/8700	230/208	5.5/5.6	1215/1183	1119/1082	5.0/5.3	9.4/9.4	9.3/9.3	\$102	2.3/2.3	3.4	275	111	115
Cooling with Electric Heat															
WE10D33	10000/9800	11000/9100	230/208	4.5/4.9	1020/1000	3550/2950	16.0/14.7	9.8/9.8	9.7/9.7	\$92	—	1.5	260	104	108
WE12D33	12000/11700	11000/9100	230/208	5.5/5.8	1224/1194	3550/2950	16.0/14.7	9.8/9.8	9.7/9.7	\$110	—	3.5	290	107	111
WE15D33A	14500/14300	11000/9100	230/208	6.7/7.2	1543/1521	3550/2950	16.0/14.7	9.4/9.4	9.3/9.3	\$140	—	4.8	290	119	123

Heat Pump heating information indicates heat pump heating performance. Electric Heat heating information indicates electric heat strip performance. For Heat Pump electric heating performance refer to corresponding Electric Heat model.

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	Circuit Rating Breaker or T-D Fuse	Plug Face (NEMA#)	Power Cord Length (ft.)	Wall Outlet Appearance
WS08D10A, WS10D10B and WS12D10A.	125V - 15A	5 - 15P	6	
WS10D30A, WS12D30A and WS15D30A.	250V - 15A	6 - 15P	6	
WE10D33, WE12D33 and WE15D33A. WY12D33A.	250V - 20A	6 - 20P	6	

Model	Carton Dimensions Inches	
	Height	Width Depth
WallMaster®		
WSE Sleeve	18"	27 1/4" 18"
Chassis	19 3/8"	30 5/8" 27 1/2"

Power cords are located on front left of WallMaster 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.

EER is the unit's Energy Efficiency Ratio; CEER is the unit's Combined Energy Efficiency Ratio.

Your energy costs will depend on your utility rates and use. The estimated energy cost is based on a electricity cost of \$.12 per kWh.

For more information, visit www.ftc.gov/energy.

