

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

ITEM	PLAN DESIGNATION	QUANTITY	COOLING BTU/H	VOLTAGE	FRIEDRICH MODEL

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

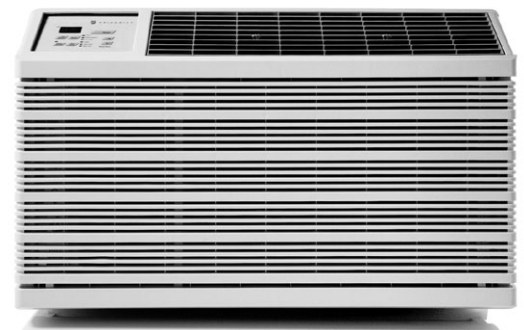
- Rotary compressors provide quiet, dependable performance
- Premium stamped exterior grille
- Dense blower insulation
- Rifled copper tubing
- Impact resistant front cover
- High tech fins with sine wave lanced louvers increase energy efficiency by increasing surface area for heat exchange

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

- WSD sleeve (sleeve is required for new installation and is sold and shipped separately)
- Architectural grille
- Drain kit
- Interior drain kit
- Subbase
- Baffle adapter kit



Sleeve Dimensions	Friedrich WSD 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

Specifications

★ ENERGY STAR® qualified

Model	Cooling Btu	Heating 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.	Ship Weight Lbs.
WALLMASTER®														
<i>Cool only</i>														
★ WS08C10	7800	NA	115	7.1	788	NA	NA	9.9	†	1.2	250	WSD	93	97
★ WS10C10	9700	NA	115	10.0	1032	NA	NA	9.4	\$82	2.4	260	WSD	103	107
★ WS12C10C	11500	NA	115	11.5	1223	NA	NA	9.4	\$98	3.1	320	WSD	112	116
★ WS10C30	9500/9200	NA	230/208	4.5/4.7	989/958	NA	NA	9.6/9.6	\$79	1.5	300	WSD	101	105
★ WS12C30	11500/11200	NA	230/208	5.5/6.0	1223/1191	NA	NA	9.4/9.4	\$98	3.0	320	WSD	109	113
WS16C30	15600/15000	NA	230/208	8.3/8.9	1835/1765	NA	NA	8.5/8.5	\$144	4.2	290	WSD	119	123
<i>Heat Pump</i>														
★ WY09C33	9300/9000	7300/7300	230/208	4.4/4.7	989/957	3.8/4.0	839/793	9.4/9.4	\$79	2.1	250	WSD	103	107
WY12C33	12000/11800	9350/9200	230/208	6.1/6.4	1395/1372	4.8/5.1	1062/1010	8.6/8.6	\$111	2.6	275	WSD	111	115
<i>Cool with Electric Heat</i>														
WE10C33	9500/9200	11000/9100	230/208	4.5/4.7	989/957	16.0/14.7	3550/2950	9.6/9.6	\$79	1.5	300	WSD	121	125
WE12C33	11500/11200	11000/9100	230/208	5.5/6.0	1123/1191	16.0/14.7	3550/2950	9.4/9.4	\$98	3.0	320	WSD	107	111
WE16C33	15600/15000	11000/9100	230/208	8.3/8.9	1835/1765	16.0/14.7	3550/2950	8.5/8.5	\$140	4.2	290	WSD	116	120

WallMaster Heat Pump heating information indicates heat pump heating performance. WallMaster Electric Heat heating information 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.

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
WS08C10, WS10C10, WS12C10	125V - 15A	5 - 15P	6	
WS10C30, WS13C30, WS16C30	250V - 15A	6 - 15P	4	
WE10C33, WE13C33, WE16C33, WY09C33, WY12C33	250V - 20A	6 - 20P	4	

Power cords are located on front left of WallMaster models.

Model	Carton Dimensions INCHES		
	Height	Width	Depth
WallMaster®			
WSD Sleeve	18"	27 1/4"	18"
Chassis	18 1/2"	30 1/2"	29"
Uni-Fit®			
USC Sleeve	17 7/8"	28"	19 1/4"
US Chassis	17 1/4"	27 3/4"	22 1/4"
UE Chassis	17 1/4"	27 3/4"	22 1/4"

Sleeve/Chassis Dimensions

							Thru-the-wall Finished Hole		
Model	Height	Width	Depth	Depth with Front	Minimum Extension Into Room	Minimum Extension Outside	Height	Width	Max. Depth
WallMaster									
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"	-	-	-	-	-

Chassis requires WSD sleeve (sold and shipped separately)

*Installation in Fedders B sleeve requires a baffle kit. See BAK accessory under accessories.

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.

