

America's Best Air Conditioner

[www.friedrich.com](http://www.friedrich.com)

super high efficiency portable models  
remote control electronic models  
commercial capacity heat/cool models  
thru-the-wall air conditioners



**Friedrich®**

**Room Air Conditioners**  
Heat Pumps & Electric Heat Models



Friedrich is an ENERGY STAR® Partner

# Saving energy saves you money

and you help preserve our valuable natural resources

When you buy an energy efficient Friedrich, you save money on your electric bill, but more importantly you help keep our environment a little bit cleaner by reducing the amount of natural resources that are used to produce electric power.

Friedrich has always emphasized energy efficiency, and now we're a partner with the U.S. Department of Energy and Environmental Protection Agency in the ENERGY STAR® Program. ENERGY STAR® encourages the use of energy efficient appliances to help preserve our natural resources.



Friedrich leads all manufacturers with fourteen high efficiency models that meet the ENERGY STAR® requirements for energy efficiency. In fact, two Friedrich models ranked 1st and 2nd for exceeding the minimum energy requirement by the greatest margin. For more information about this program, visit the ENERGY STAR® web site at [www.energystar.gov](http://www.energystar.gov)

## designed to cool, and so much more!

- **Exceptional energy efficiencies**

One way we achieve this is by using only compressors that are from the high or super high efficiency category.

- **Dependable, longer-lasting motors**

Dirt entering the motor can cause it to get hot and burn out faster. Our totally enclosed fan motors lock out dirt.

- **Quieter operation**

Vibration-absorbing motor mounts isolate and support the motor. The less vibration, the less noise you'll hear.

- **Product testing, every step of the way**

Every unit is repeatedly tested— 65 tests in all— are performed on every unit before it is released for shipment.

- **A beautiful finish that's tough as nails**

The Electrocoat-Electrostatic paint process we use on our zinc coated, galvanized steel cabinets is widely used in the auto industry.



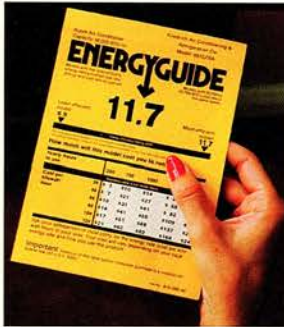


## any air conditioner will cool your home

So what makes Friedrich a better air conditioner?

Since 1883, Friedrich has earned a reputation for making quality products known for reliable performance. Every air conditioner we make is tested over 65 times before it arrives at your home. Friedrich models consistently deliver the highest energy efficiencies possible. For example, our model SS10J10R

has an EER (Energy Efficiency Rating) of 11.7. That's 30% higher than the minimum energy



efficiency necessary to be listed as ENERGYSTAR® compliant. That can add up to hundreds of dollars in energy savings over the life of the product.

Our full line of air conditioners includes fully-featured, programmable electronic models with remote control. Other models have preferred options such as MoneySaver® feature, 4 fan speeds and slide-out chassis.

You can choose from many air conditioners to cool your home, but there's only one Friedrich.

## portable air conditioners



**KSTAR®**

115 VOLT  
COOLING CAPACITIES  
5,300 to 7,900 BTU/h  
EERs up to 9.5



**QSTAR®**

115 VOLT  
COOLING CAPACITIES  
5,400 to 8,000 BTU/h  
EERs up to 11.0



ENERGYSTAR® compliant models.

## features

### KSTAR®

- Two cooling speeds, and two fan-only settings
- Eight-way air flow control
- Slide-out chassis
- Rust proof base pan
- Slide-out, easy-to-clean filter
- Heavy duty side curtains

### QSTAR®

- Three cooling speeds, plus fan-only setting
- Eight-way air flow control
- MoneySaver® option saves energy by cycling the fan with the compressor
- Stale air exhaust vent
- Slide-out chassis
- Rust proof base pan
- Slide-out, easy-to-clean filter
- Heavy duty side curtains

# medium capacity air conditioners

## features



### QUIETMASTER® Electronic

115 • 230/208 VOLT  
COOLING CAPACITIES  
8,200 to 21,000 BTU/h  
EERs up to 11.7



ENERGY STAR® compliant models.

Three models  
now come with  
remote control



programmable electronic models

### QUIETMASTER® ELECTRONIC

Programmable cooling with  
the Friedrich *Smart Center*®



- One-Touch Cooling
- 24-hour digital timer lets you program on and off times
- Four speed fan with ultra-quiet "Sleep Setting"
- Filter alert signals you to clean filter
- Smart Fan automatically adjusts the fan speed to maintain desired temperature
- Super high energy efficiency for low operating cost
- MoneySaver® option saves energy by cycling the fan with the compressor
- Auto-memory backup
- Slide-out chassis



115 • 230/208 VOLT  
COOLING CAPACITIES  
10,000 to 25,000 BTU/h  
EERs up to 10.3

### QUIETMASTER®

115 • 230/208 VOLT  
COOLING CAPACITIES  
10,000 to 18,500 BTU/h  
EERs up to 11.0



### QUIETMASTER® Deluxe

### QUIETMASTER® AND QUIETMASTER® DELUXE

- Ultra-quiet operation
- Four cooling speeds\*, plus fan-only setting
- Eight-way air flow control
- Super high energy efficiency for low operating cost
- Fresh air intake and stale air exhaust vents
- Easy access, easy-to-clean filter
- Slide-out chassis

\*QuietMaster has three speeds



## features

### QUIETMASTER® HEAVY DUTY AND TWINTEMP®

- Ultra-quiet operation
- Three cooling speeds, plus fan-only setting  
(TwinTemp® models have three cooling speeds\*, three heating speeds\*, plus fan-only setting)
- Eight-way air flow control
- MoneySaver® option\* saves energy by cycling the fan with the compressor
- Super high energy efficiency for low operating cost
- Slide-out chassis
- Fresh air intake and stale air exhaust vents\*
- Easy access, easy-to-clean filter

\*Features not available on TwinTemp® model YQ06J10A.



## large capacity air conditioners



### QUIETMASTER® Heavy Duty

230/208 VOLT  
COOLING CAPACITIES  
24,500 to 33,000 BTU/h  
EERs up to 9.5

## heat pumps/electric heat models

### TWINTEMP®

115 • 230/208 VOLT  
COOLING CAPACITIES  
6,200 to 33,000 BTU/h  
EERs up to 11.5  
HEATING CAPACITIES  
5,300 to 23,000 BTU/h  
COPs up to 3.20



TwinTemp® Model YQ06J10A



## specialty air conditioners



115 VOLT  
COOLING CAPACITY  
6,200 BTU/h  
8.7 EER

### CASEMENT

## features

#### CASEMENT

- Quiet operation
- Two-speed cooling, plus fan-only setting
- Slide-out chassis
- Four-way air flow control
- Washable filter

## thru-the-wall air conditioners



### WALLMASTER®

115 • 230/208 VOLT  
COOLING CAPACITIES  
7,000 to 12,500 BTU/h  
EERs up to 9.5

HEATING CAPACITIES  
8,200 to 11,000 BTU/h  
COPs up to 2.80

## features

#### WALLMASTER®

- Residential/ Commercial application
- The most energy efficient solid side air conditioners
- Exact fit for Fedders sleeves. Measures 27" W x 16 3/4" H
- Ultra-quiet operation
- Three-speed fan
- Mounts flush with exterior wall
- Efficient rotary compressor
- Easy-to-reach, top mount controls

## accessories

- Drain Kit
- Internal Drain Kit
- Baffle Adapter Kit
- Sub Base
- Architectural Grille (Shown at left)



STANDARD GRILLE



OPTIONAL ARCHITECTURAL GRILLE

**IMPORTANT NOTE:**  
Thru-the-wall chassis and sleeves are sold and shipped separately



# Room Air Conditioner Specifications

★ENERGY STAR® Compliant			Electrical Characteristics (60 Hertz)					Energy Efficiency Ratio	Moisture Removal	Room Side Air Circulation	Net Weight	
Model	Cooling Capacity BTU/Hr.	Heating Capacity BTU/Hr.	Volts Rated	Cooling Amps	Cooling Watts	Heating Amps	Heating Watts	<b>EER</b>	Pints/Hr.	CFM	Sleeve*	Lbs.
<b>KSTAR®</b>												
KQ05J10A	5300	—	115	5.2	590	—	—	9.0	1.5	165	Q	76
KQ06J10A	6200	—	115	5.8	655	—	—	9.5	2.0	165	Q	76
KQ08J10A	7900	—	115	7.5	830	—	—	9.5	2.5	165	Q	79
<b>QSTAR®</b>												
SQ05J10A	5400	—	115	4.4	490	—	—	11.0	1.5	160	Q	70
SQ06J10A	6300	—	115	5.2	585	—	—	10.8	2.0	160	Q	77
SQ07J10A	7100	—	115	6.5	690	—	—	10.3	2.5	145	Q	80
SQ08J10B	8000	—	115	7.5	800	—	—	10.0	2.5	165	Q	80
<b>QUIETMASTER®</b>												
KS10J10	10000	—	115	9.1	970	—	—	10.3	2.8	325	S	108
KS12J10	12000	—	115	11.2	1265	—	—	9.5	3.5	325	S	111
KM14J10	14000	—	115	12.0	1385	—	—	10.1	3.7	400	M	128
KS12J30A	12500/12500	—	230/208	5.8/6.2	1250/1250	—	—	10.0/10.0	3.5	325	S	106
KM18J30A	18000/18000	—	230/208	8.3/9.1	1875/1875	—	—	9.6/9.6	5.5	440	M	161
KM21J30	20500/20500	—	230/208	10.3/11.4	2280/2280	—	—	9.0/9.0	7.0	440	M	154
KL25J30A	25000/25000	—	230/208	12.3/13.6	2780/2780	—	—	9.0/9.0	7.7	560	L	192
<b>QUIETMASTER® Deluxe</b>												
RS10J10	10000	—	115	8.3	910	—	—	11.0	2.6	300	S	115
RS12J10	12000	—	115	10.2	1145	—	—	10.5	3.5	325	S	114
RM15J10	14500	—	115	12.0	1380	—	—	10.5	3.7	400	M	128
RS15J30	15000/15000	—	230/208	6.9/7.5	1565/1565	—	—	9.6/9.6	5.0	330	S	119
RM18J30	18500/18300	—	230/208	8.4/9.0	1850/1830	—	—	10.0/10.0	5.7	425	M	163
<b>QUIETMASTER® Electronic</b>												
SS08J10R	8200	—	115	6.7	745	—	—	11.0	2.0	310	S	108
SS09J10A	9200	—	115	7.2	800	—	—	11.5	1.7	300	S	113
SS10J10R	10200	—	115	7.5	870	—	—	11.7	2.6	300	S	115
SS12J10R	12000	—	115	10.2	1145	—	—	11.0	3.5	325	S	114
SM14J10B	14000	—	115	12.0	1335	—	—	10.5	3.7	400	M	128
SS12J30A	12000/12000	—	230/208	5.5/5.7	1145/1090	—	—	10.5/11.0	3.5	325	S	114
SS15J30A	15000/15000	—	230/208	6.9/7.5	1565/1565	—	—	9.6/9.6	5.0	330	S	119
SM18J30A	18500/18300	—	230/208	8.4/9.0	1850/1830	—	—	10.0/10.0	5.7	425	M	163
SM21J30A	21000/20500	—	230/208	10.6/11.4	2335/2280	—	—	9.0/9.0	7.0	440	M	154
<b>QUIETMASTER® Heavy Duty</b>												
SL24J30A	24500/24500	—	230/208	11.7/13.0	2580/2605	—	—	9.5/9.4	7.7	560	L	192
SL28J30A	28000/27500	—	230/208	14.0/15.5	3110/3090	—	—	9.0/8.9	8.8	600	L	201
SL33J30	33000/32500	—	230/208	17.0/18.0	3665/3610	—	—	9.0/9.0	11.0	700	L	216
<b>TWITEMP® Heat Pump</b>												
YQ06J10A**	6200	5300	115	5.7	620	6.2	615	10.0	2.0	140	Q	78
YS09J10**	9000	8300	115	7.2	785	6.7	760	11.5	1.7	300	S	113
YS13J33	13000/13000	12400/12300	230/208	6.0/6.5	1325/1325	6.0/6.5	1340/1300	9.8/9.8	3.5	325	S	117
YM18J34A	17500/17500	16500/16300	230/208	8.3/9.0	1860/1860	7.6/8.3	1720/1700	9.4/9.4	5.2	425	M	166
YL24J35A	24000/23800	23000/22800	230/208	12.0/13.0	2665/2645	10.4/11.5	2350/2340	9.0/9.0	7.0	600	L	198
<b>TWITEMP® Electric Heat</b>												
ES12J33	12000/12000	10700/8900	230/208	5.5/5.7	1145/1090	16.0/14.7	3500/2900	10.5/11.0	3.5	325	S	111
EK12J33A	12500/12500	10700/8900	230/208	5.8/6.2	1250/1250	16.0/14.7	3500/2900	10.0/10.0	3.5	325	S	108
ES15J33A	15000/15000	10700/8900	230/208	6.9/7.5	1565/1565	16.0/14.7	3500/2900	9.6/9.6	5.0	330	S	116
EM18J34A	18500/18300	13000/10600	230/208	8.4/9.0	1850/1830	19.5/17.0	4200/3500	10.0/10.0	5.7	425	M	160
EK18J34A	18000/18000	13000/10600	230/208	8.3/9.1	1875/1875	19.5/17.0	4200/3500	9.6/9.6	5.5	440	M	158
EL24J35A	24500/24500	17300/14300	230/208	11.7/13.0	2580/2605	24.0/22.4	5500/4650	9.5/9.4	7.7	560	L	191
EL33J35	33000/32500	17300/14300	230/208	17.0/18.0	3665/3610	24.0/22.4	5500/4650	9.0/9.0	11.0	700	L	215
<b>CASEMENT</b>												
SC06H10D	6200	—	115	6.7	715	—	—	8.7	2.0	140	SC	70

\*Sleeve dimensions listed on following page.

\*\*These heat pumps have no supplemental electric heat and should not be operated below 37° F.

Friedrich room air conditioners are designed to operate in outdoor temperatures from 50° F to 115° F.



★As an ENERGY STAR® partner, Friedrich Air Conditioning Co. has determined that the selected ENERGY STAR® (★) models meet the ENERGY STAR® requirements for energy efficiency.



# WallMaster® Thru-the-wall Specifications




Model	Cooling Capacity BTU/Hr.	Heating Capacity BTU/Hr.	Electrical Characteristics (60 Hertz)					Energy Efficiency Ratio <b>EER</b>	Moisture Removal Pints/Hr.	Room Side Air Circulation CFM	Sleeve*	Net Weight Lbs.
			Volts Rated	Cooling Amps	Cooling Watts	Heating Amps	Heating Watts					
WS07A10D	7000	—	115	6.7	735	—	—	<b>9.5</b>	1.4	260	WSC	93
WS09A10D	9000	—	115	9.0	980	—	—	<b>9.2</b>	2.1	260	WSC	103
WS12A10D	11500	—	115	11.5	1280	—	—	<b>9.0</b>	2.9	290	WSC	112
WS09A30D	9000/8800	—	230/208	4.5/4.9	980/980	—	—	<b>9.2/9.0</b>	2.1	260	WSC	101
WS12A30D	11500/11300	—	230/208	5.7/6.3	1280/1255	—	—	<b>9.0/9.0</b>	2.9	290	WSC	109
WS13A30D	12500/12300	—	230/208	6.3/6.8	1435/1415	—	—	<b>8.7/8.7</b>	4.0	250	WSC	119
WY09A33D	9000/8800	8200/8200	230/208	4.5/4.8	1000/980	4.1/4.2	870/840	<b>9.0/9.0</b>	2.1	270	WSC	107
WY12A33E	11300/10900	10800/10500	230/208	5.8/6.2	1315/1280	5.4/5.7	1200/1165	<b>8.6/8.5</b>	2.9	290	WSC	116
WE09A33D	9000/8800	11000/9100	230/208	4.5/4.9	980/980	16.0/14.7	3550/2950	<b>9.2/9.0</b>	2.1	260	WSC	103
WE12A33D	11500/11300	11000/9100	230/208	5.7/6.3	1280/1255	16.0/14.7	3550/2950	<b>9.0/9.0</b>	2.9	290	WSC	111
WE13A33D	12500/12300	11000/9100	230/208	6.3/6.8	1435/1415	16.0/14.7	3550/2950	<b>8.7/8.7</b>	4.0	250	WSC	121

\*Sleeve dimensions listed below. WallMaster chassis and sleeve sold and shipped separately.

## Installation Information / Sleeve Dimensions

Sleeve	Height	Width	Depth with Front	Depth Hood to Louvers	Minimum Extension Into Room	Minimum Extension Outside	Window Width		Thru-the-wall Finished Hole	
							Minimum	Maximum	Height	Width
Q	14"	19 3/4"	21 3/8"	8 1/2"	5 1/2"	10 3/4"	26"	42"	14 3/4"	20"
S	15 15/16"	25 15/16"	27 3/8"	8 3/4"	3 1/16"	16 15/16"	27 7/8"	42"	16 3/16"	26 3/16"
M	17 15/16"	25 15/16"	27 3/8"	8 3/4"	3 1/16"	16 15/16"	27 7/8"	42"	18 3/16"	26 3/16"
L	20 3/16"	28"	33 5/8"	16 1/2"	3 3/16"	18 15/16"	29 7/8"	42"	20 3/8"	28 1/4"
SC	10 13/16"	14 11/16"	27"	9 7/8"	2 1/2"	15 1/2"	14 3/4"	17 7/8"	11 1/8"	14 15/16"
WSC	16 3/4"	27"	23"	—	7 1/2"	9/16"	—	—	17 1/4"	27 1/4"

\*Maximum height

Model	Circuit Rating Breaker or T-D Fuse	Plug Face (NEMA#)	Appearance (Facing Blades)
ALL KQ and SQ MODELS, KS10J10, KS12J10, KM14J10, RS10J10, RS12J10, RM15J10, SS08J10R, SS09J10A, SS10J10R, SS12J10R, SM14J10B, SC06H10D, YQ06J10A, YS09J10, WS07A10D, WS09A10D, WS12A10D	125V - 15A	5 - 15P	
KS12J30A, KM18J30A, RS15J30, RM18J30, SS12J30A, SS15J30A, SM18J30A, WS09A30D, WS12A30D, WS13A30D	250V - 15A	6 - 15P	
KM21J30, KL25J30A, SM21J30A, SL24J30A, SL28J30A*, ES12J33, EK12J33A, ES15J33A, YS13J33, WE09A33D, WE12A33D, WE13A33D, WY09A33D, WY12A33E	250V - 20A	6 - 20P	
SL33J30, EM18J34A, EK18J34A, EL24J35A, EL33J35, YM18J34A, YL24J35A	250V - 30A	6 - 30P	

\* Optional 30 Amp Kit (618-869-00) is recommended in 208 Volt power supply areas that fall below 208 Volts. For more information, call the Friedrich Service Department.

Due to a program of continuing improvement, specifications are subject to change without notice.



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Visit us on the web @ [www.friedrich.com](http://www.friedrich.com)

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It matters!



The consumer - through the AHAM Room Air Conditioner Certification Program - can be certain that the AHAM Certification Seal accurately states the unit's cooling and heating capacity rating, the amperes and the energy efficiency ratio.

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