

OUR NEW ULTRA PREMIUM LINE of ROOM AIR CONDITIONERS & ROOM AIR CONDITIONERS with HEAT

Which Friedrich is right for you?

		ULTRA PRE	MIUM LINE	PREMIU	DELUXE LINE	
		Kühl	Kühl+	Kühl+ XStar₀		СР
OVERVIEW	Description	Top shelf design and features. Programma- bility to rival central systems. Trusted Friedrich durability. Designer colors.	All the elegance, performance and durability of Kühl, plus heating. Choose efficient heat pump or toasty electric heat.	Small and powerful. Programmable controls. Easier to self-install and store.	Year 'round use. Heavy duty construction for serious durability. Simple knob controls.	Good value. Available in a large range of cooling capacities. Programmable timer.
0	Room size* (sq. ft.)	300-2700	350-2700	100-450	300-350	100-1500
	Functions	COOL 😋	HEAT/COOL 🕄 🖸	C00L 😋	HEAT/COOL 🕄 😋	COOL 🖸
	Applications	AT HOME OR COMMERCIAL USE	AT HOME OR COMMERCIAL USE	AT HOME OR COMMERCIAL USE	AT HOME OR COMMERCIAL USE	AT HOME OR LIGHT COMMERCIAL USE
	Electronic controls	Y	Y	Y	Ν	Y
ENCE	Programmable timer	7-day with up to 4 settings per day	7-day with up to 4 settings per day	24 hr	Ν	CP05, CP06, CP08, CP10 and CP12 have 12 hr. CP15, CP18, and CP24 have 24 hr.
COMFORT & CONVENIENCE	Remote control	LCD	LCD	Y	Ν	LCD except CP15, CP18, CP24
CON	Wall thermostat capability	Υ	Y	Ν	N	N
۲T &	Auto restart & Memory backup	Υ	Y	Y	NA	Y
1FOF	Auto temp/ fan speed adjustment	Y	Y	Y	Ν	N
CON	Comfortwatch technology	Υ	Y	Y	Y	N
	Air flow directions	8	8	8	8	4
	Auto swing louvers	N	N	N	N	All except CP05
	Optional color fronts	Y	pplynce	Aunhori		N
SOUND REDUCTION TECHNOLOGY	Steel inner wall and extra dense insulation Vibration isolating design and components	0°-5	70-	335	5 Y	N
SOUND F TECH	Superior airflow design	Y	Y	Y	Y	N
۲	Energy Star models	Y	Y	Y	N	Y
RIENDLY	Environmentally friendly R-410A	Y	Y	Y	Y	Y
EARTH F	Energy saver switch	Y	Y	Y	Ν	Y
EA	RoHS compliant	Y	Y	Ν	Ν	N
	Washable, antimicrobial air filter	Y	Y	Y	Y	Y
ΗĽ	Optional carbon filter	Y	Y	Ν	Ν	N
НЕАLТН	Electronic maintenance indicator including check filter reminder	Y	Y	Ν	Ν	Ν
T	Superior fresh air intake/stale air exhaust	Y	Y	Ν	Ν	Stale air out feature only
ΕТΥ	EntryGard anti-intrustion protection	Y	Y	Y	Y	Y
SAFETY	Insect barrier	Y	Y	Y	Y	Ν
Z	Slide-out chassis	Y	Y	Y	Y	All except CP05
ATIC	Power cord direction	Left or right	Left or right	Left or right	Left or right	Left or right
INSTALLATION	Thru-the-wall installation option	Y	Y	Y	Y	All except CP05
	Window installation hardware	Heavy duty	Heavy duty, available as accessory	Heavy duty	Heavy duty, available as accessory	, Standard

Comfort has a bold new look.

An entirely new, satin silver front with illuminated touch controls places Kühl and Kühl + Heat/Cool at the forefront of room air design. And now you can personalize your space with optional designer color fronts.

New, advanced digital controls intuitively provide comfort, convenience and ease of use and allow for a range of programmability previously only associated with high-end central air systems.

At the heart of each unit, you'll find the durable components and heavy duty construction that you expect from Friedrich. Engineering details like heavy gauge steel, rifled copper tubing, high tech aluminum fins with sine wave technology, aluminum end plates that reduce corrosion, totally-enclosed commercial grade motors, high efficiency compressors, vibration absorbing technology and insulated air plenums. All details that ensure years of reliable performance and quiet operation.



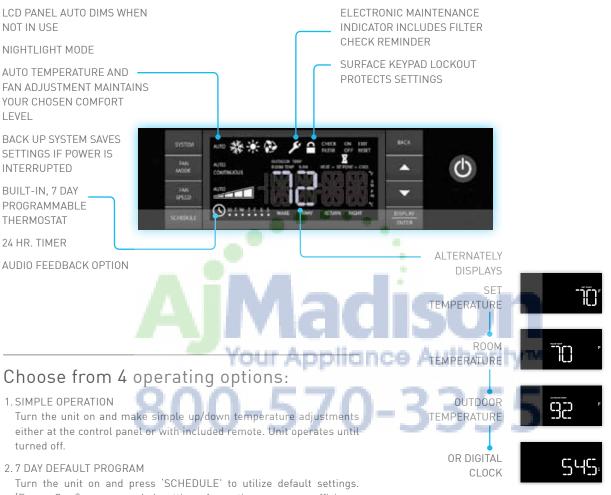
FULL LCD DISPLAY SHOWS MODE, FAN SPEED, SET TEMPERATURE, TIMER ON/

ADJUST TEMPERATURE AND FAN SPEEDS

SET AUTO MODE

TURN THE SCHEDULE ON

Innovative technology. Intuitive controls.



[ENERGY STAR[®] recommended settings for optimum energy efficiency for a typical work week where the home is unoccupied during the day Monday through Friday].

3.7 DAY CUSTOM PROGRAM

Turn the unit on and program for your preferred comfort levels and to maximize energy savings according to your schedule. Up to 4 settings per day, 7 days a week.

4. REMOTE THERMOSTAT OPERATION

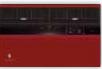
Wire the unit to a wall thermostat to operate the unit remotely and override the control panel. Wall thermostats are available from Friedrich and are sold separately.

A new palette of colors complements your home and the way you live.

Technology this advanced couldn't be limited to a single color. Our Kühl and Kühl+ room air conditioners are available in optional designer colors that stand out or blend in.

Satin Silver

0 P T I 0 N A L D E S I G N E R C 0 L 0 R S



Deep Red



Cobalt Blue



Classic Beige



Pink Diamond



Designer White



Black Onyx

Ask your sales person or visit www.friedrich.com for ordering information.







Choose the perfect color, the right cooling capacity and simply relax.

Distinctive LCD remote with mountable holster.

Comfort & Convenience

- Commercial grade durability
- Optional wired wall thermostat
- Built-in programmable 7 day thermostat
- 24 hr. timer
- 4 cooling and 4 fan-only speeds on select models*
- Automatic temperature and fan speed adjustment
- Comfortwatch technology samples the air to more accurately maintain the set temperature
- 8-way air flow control
- Auto-changeover from cool to heat, or heat to cool, to maintain desired temperature (Kühl+ models)
- Temperature readout can alternately display set temperature, room temperature and outdoor temperature, or digital clock as selected
 - Optional control panel
 lockout
 - Scratch resistant cabinet
 - LCD panel auto dims if not in use
 - Nightlight mode
 - 7 yr. battery provides back up system that saves settings if power is interrupted

Superior Sound Reduction Technology

- Steel inner wall and extra dense insulation materials block outdoor noise
- Vibration isolating design and components diminish traditional operating noise
- Precision engineering maximizes air flow while delivering ultraquiet operation

*Kühl 8,000 BTUh-23,500 BTU/h models only. All SL models have 3 cooling and 3 fan-only speeds. Kühl + models have 3 cooling, heating and fan-only speeds

Superior filtration

- Superior fresh air intake and stale air exhaust vent
- Washable, antimicrobial air filter
- Optional premium filter when used in conjuction with standard filter provides superior air filtration with ratings as high as MERV 6, while also adsorbing odors and reducing ozone and VOCs
- Hinged door for easy filter access for easier maintenance
- Electronic maintenance indicators include check filter reminder and error code storage

Installation Features

- Install in a window or thruthe-wall
- Slide-out chassis for more permanent installation and easier access for maintenance
- Includes heavy duty window installation hardware (optional accessory on Kühl+ models)
- Rugged hardboard side panels for a more permanent installation
- Power cord can run either left or right
- Firm grip handles for easier chassis installation and removal
- Front cover attaches easily and securely. Nut driver included.

Earth Friendly

- Auto Fan mode saves money by conserving energy
- 12 ENERGY STAR[®] gualified models, including all four heat pumps
- Environmentally-friendly R-410A refrigerant used in all models
- Recyclable packaging
- RoHS compliant

Safety & Security Features

- EntryGard anti-intrusion protection- steel retaining wire secures the chassis to the sleeve to deter 'kick-in' intrusion
- Electrical current protected powercord
- Insect barrier 9500-24000 BTU/h
- Protective rear grille

Accessories (sold separately)

- Optional designer colored front covers
- 3 pack of premium carbon filters
- (Kuhl +) window installation kits
- Wall thermostat





Kühl

7900-36000 BTU/h Up to 12.0 EER

Kühl+

Electric Heat

COOLING

ELECTRIC HEAT 11700-36000 BTU/h 10700-17300 BTU/h

Up to 11.4 EER

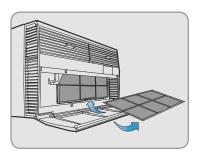
Küht+ Heat Pump

COOLING

Up to 11.7 EER

HEATING 7500-23500 BTU/h

Heat Pumps reverse the air conditioning cycle to provide heated air in winter. In temperatures above 39° F, heat pumps are approximately 33% more energy efficient than electric heat.



HINGED FILTER ACCESS DOOR FLIPS OPEN AND FILTER SLIDES OUT

OPTIONAL CARBON FILTER **REMOVES ODORS AND VOCs**

XQ. Programmable, commercial grade quality models with exceptional energy efficiency.

EQ. Our compact heat/cool model with mechanical controls.

The XStar® line is our compact, premium line of commercial grade room air conditioners.

XQ is programmable with remote. Features include a 24 hour timer, auto-adjusting Smart Fan and a Money Saver® setting that reduces energy usage and saves money.

EQ is ideal for supplemental heating and cooling.



Comfort & Convenience

- 24 hr. timer lets you program on/off times*
- 3 cooling speeds, plus fanonly setting**
- Smart Fan adjusts fan speed to maintain desired temperature*
- Comfortwatch technology samples the air to more accurately maintain the set temperature
- Money Saver[®] setting saves money by conserving energy*
- Ultraquiet operation
- 8-way air flow control
- Auto restart saves settings if power is interrupted*

Health

• Washable antimicrobial filter for protection against fungal and bacterial growth

Installation

- Slide-out chassis
- Install in window or thruthe-wall
- Heavy duty installation hardware
- Heavy duty side curtains reduce exterior noise/light
- Power cord can run either left or right out of the side of the unit front
- The industry's smallest BTU/h slide-out chassis (model XQ05)

Safety Features

- EntryGard anti-intrusion
- protection

Insect barrier

COOLING 7500 BTU/h 10.7 EER

XQ

COOLING

5500-9500 BTU/h

Up to 12.0 EER

ELECTRIC HEAT 4000 BTU/h

10.00

0000



* Feature not available on EQ.

**EQ has 2 cooling speeds, 2 heating speeds and fan-only setting

Programmable models with high efficiency and outstanding value.

The CP line is our highly-rated, deluxe line of room air conditioners with programmable controls for convenient operation. Sizes from a compact 5,000 btu bedroom air conditioner to a 2-ton model powerful enough to cool a large living area or multiple adjoining rooms.

Programmable features including 12 or 24 hour timers, auto air sweep*, and a Money Saver® setting that reduces energy usage and saves money.



Comfort & Convenience

- 12 hr. timer lets you program on/off times
- 3 cooling speeds, plus 3 fan-only settings
- Money Saver[®] setting saves money by conserving energy
- Ultraquiet operation
- 4-way air flow control
- Auto restart saves settings if power is interrupted

Health

- One-touch, lift-out, washable antimicrobial filter for protection against fungal & bacterial growth
- Stale air exhaust

Installation

- Fixed chassis
- Standard installation hardware
- Expandable side curtains
- Power cord can run either left or right out of the side of the unit front

Safety Features

• EntryGard anti-intrusion protection



Authority^M

Comfort & Convenience

- 12 hr. timer lets you program on/off times
- Auto Air Sweep swing louvers provide more even air distribution
- 3 cooling speeds, plus 3 fan-only settings
- Money Saver[®] setting saves money by conserving energy
- Ultraquiet operation
- 4-way air flow control
- Auto restart saves settings if power is interrupted

- One-touch, lift-out, washable antimicrobial filter for protection against fungal & bacterial growth
- Stale air exhaust

Health

Installation

- Slide-out chassis
- Standard installation hardware
- Expandable side curtains
- Power cord can run either left or right out of the side of the unit front

Safety Features

• EntryGard anti-intrusion protection



CP06 COOLING 6000 BTU/h 10.7 EER CP08 C00LING 7800 BTU/h 10.7 EER

Comfort & Convenience

- 12 hr. timer lets you program on/off times
- Auto Air Sweep swing louvers provide even air distribution
- 3 cooling speeds, plus 3 fan-only settings
- Money Saver[®] setting saves money by conserving energy
- Ultraquiet operation
- 4-way air flow control
- Auto restart saves settings if power is interrupted

Health

- One-touch, lift-out, washable antimicrobial filter for protection against fungal and bacterial growth
- Stale air exhaust

Installation

- Slide-out chassis
- Standard installation hardware
- Expandable side curtains
- Power cord can run either left or right out of the side of the unit front

Safety Features

 EntryGard anti-intrusion protection

pliance

CP10 CP12 cooling cooling 10000 BTU/h 12000 BTU/h 10.8 EER 10.8 EER

Authority³

-3355

Comfort & Convenience

- 24 hr. timer lets you program on/off times
- Auto Air Sweep swing louvers provide even air distribution
- 3 cooling speeds, plus 3 fan-only settings
- Money Saver[®] setting saves money by conserving energy
- Ultraquiet operation
- 4-way air flow control
- Auto restart saves settings if power is interrupted

- One-touch, lift-out, washable antimicrobial filter for protection against fungal and bacterial growth
- Stale air exhaust

Health

Installation

- Slide-out chassis
- Standard installation hardware
- Expandable side curtains
- Power cord can run either left or right out of the side of the unit front

Safety Features

• EntryGard anti-intrusion protection



CP15	CP18	CP24
COOLING	COOLING	COOLING
14700 BTU/h	18000 BTU/h	24000 BTU/h
10.7 EER	10.7 EER	9.4 EER

Sizing your air conditioner correctly is vital.

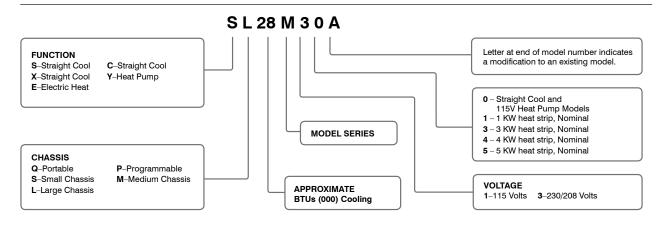
Sizing Guide

The following guide is based on normal room insulation, average number of sun-exposed windows and two-person occupancy.

FT ²	_Btu/h	
100-150	5,000	
150-250	6,000	
250-300	7,000	
300-350	8,000	
350-400	9,000	
400-450	10,000	
450-550	12,000	
550-700	14,000	
700-1,000	18,000	
1,000-1,200	21,000	
1,200-1,400	23,000	
1,400-1,600	25,000	
1,600-1,900	28,000	
1,900-2,700	36,000	
Due to variations in roo of multiple units to prov	m design, clim ⁄ide the optima	ate zone and occupancy, larger areas may require the use at cooling solution. Please consult your retail sales person.

800-570-3355

Room Air Conditioner Model Identification Guide



Specifications

★ ENERGY STAR[®] qualified

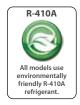
Room Side re Air val Circulation IR CFM 265		Net Weight Lbs
265		
265		
	S	99
260	S	106
300	S	112
325	S	116
275	S	112
360	S	116
350	М	140
425	М	132
390	М	152
600	L	193
725	L	212
	1	
285	S	109
		115
		141
600	L	197
275	S	113
		117
		141
		153
	L	213
170	Q	72
175	Q	72
175	Q	71
180	Q	71
	1	
175	Q	72
140	P1	46
210	P6	51
250	P6	54
270	P7	73
310	P7	73
470	P4	121
570	P5	141
590	P5	165
	325 275 360 350 425 390 600 725 285 265 370 600 275 360 350 350 350 350 390 725 175 175 175 175 175 175 175 175 180 270 310 250 270 310	325 S 275 S 360 S 350 M 425 M 390 M 600 L 725 L 285 S 265 S 370 M 600 L 275 S 360 S 370 M 600 L 275 S 360 S 350 M 370 M 600 L 175 Q 120 P6 250 P6 270 P7 310 P7 310 P7

* Operates on 115 volt and is not equipped with supplemental heat. Will not provide heat at temperatures below 40°F. Friedrich room air conditioners are designed to operate in outdoor temperatures from 60° F to 115° F.

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[®] (\star) models meet the ENERGY STAR[®] guidelines for energy efficiency.

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.





Installation Information / Sleeve Dimensions

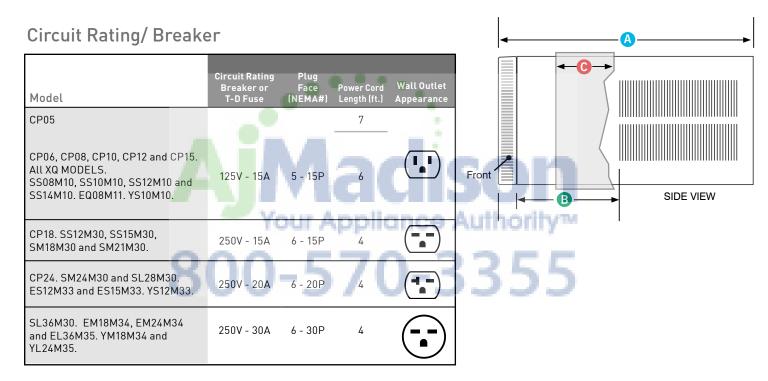
			Depth with Front	Shell Depth to Louvers	9 Minimum Extension	Minimum Extension	Window Width		Thru-the-wall Installation Finished Hole		
Sleeve	Height	Width	A	В	Into Room*	Outside*	Minimum**	Maximum	Height	Width	Max. Depth C
Q	14"	19 ¾"	21 ³ /8"	8 1⁄2"	5 1⁄2"	10 ¾"	22"	42"	14 ¼"	20"	8 1/2"
P1†	12"	18 ½"	15"	5"	3 1/2"	10 ¾"	20 ¹ /8"	36"	NOT FOR THRU-WALL		
P4	17 ½"	26"	27 ⁵ /8"	8 ⁷ /8"	5 1⁄2"	16 ⁵ /8"	26 1⁄2"	42"	17 ¾"	26 1⁄4"	8 ³ /8"
P5	17 ½"	26"	29 ¾"	8 ⁷ /8"	5 1⁄2"	19 ½"	26 1⁄2"	42"	17 ¾"	26 ¼"	8 ³ /8"
P6	14"	18 ³ /8"	20 7/8"	8 ¹ /8"	4 1/2"	11"	20 ¹ /8"	36"	14 ¹ /4"	18 ¾"	7 1⁄2"
P7	15"	23 ⁵ /8"	22 ¹ /4"	8 3⁄4"	4 1/2"	12"	25 1⁄4"	39"	15 ¼"	23 ⁷ /8"	8"
S	15 ¹⁵ /16"	25 ¹⁵ /16"	29"	8 3⁄4"	5 ¾"	16 ¹⁵ /16"	27 ³ /8"	42"	16 ³ /16"	26 ³ /16"	7 ³ /8"
М	17 ¹⁵ /16"	25 ¹⁵ /16"	29"	8 3⁄4"	5 ¾"	16 ¹⁵ /16"	27 ³ /8"	42"	18 ³ /16"	26 ³ /16"	7 ³ /8″
L	20 ³ /16"	28"	35 1⁄2"	16 1⁄2"	5 ³ /8"	18 ¹⁵ /16"	29 ⁷ /8"	42"	20 ³ /8"	28 ¼"	15 ¹ /8"

* Minimum extensions when mounted in a window.

** Minimum widths achieved using one side curtain assembly as opposed to both in a standard installation.

† Sleeve P1 does not have thru-the-wall hole dimensions, as these units are fixed chassis and should not be installed thru-the-wall.

NOTE: S,M and L sleeves may be installed in window with no side kits if properly installed.



Window Mounting Kits

Heat/Cool Models	Kit No.
EQ08M11	WIKQ
ES12M33, ES15M33, YS10M10 and YS12M33.	KWIKS
EM18M34, EM24M34, YM18M34.	KWIKM
EL36M35 and YL24M35.	KWIKL

Friedrich heat/cool models include accessories for thruthe-wall installation only. Window mounting requires use of optional accessory kit as listed above.

Premium Carbon Filters

Model	Kit No.
All SS, ES and YS Models	KWCFS
All SM, EM and YM Models	KWCFM
All SL, EL and YL Models.	KWCFL

Each kit contains 3 replacement carbon filters

Custom color fronts

For other custom color fronts not pictured in this brochure, visit www.friedrich.com

A full line of air conditioning solutions

PORTABLE AIR CONDITIONERS

Great for fast backup or supplemental cooling. Plug into a standard 115 volt outlet. They can be quickly vented through a window or wall opening. Full display electronic controls and remote control.

IDEAL FOR:

Workshops, garages, home offices. dorm rooms, sunrooms, bedrooms, attics and basements.



Residential and commercial applications. 26 and 27 inch wall sleeve models. A high efficiency replacement for older units.

IDEAL FOR: Deep exterior walls and year-'round installations. Can be installed flush with exterior wall and floor level.

PACKAGED **TERMINAL AIR** CONDITIONERS

Energy efficient and extremely quiet. Friedrich PTACs offer programmable electronics with a large LED display that provides precise temperature control and energy savings. Installs thru-the-wall.

IDEAL FOR: Lodging, healthcare, dormitories and any application where a thru-the-wall installation is desired.

DUCTLESS SPLIT SYSTEMS

Sleek, absolutely quiet and incredibly energy efficient, with SEERs up to 20.0! Twenty total system configurations including nine dual, tri-zone and quadzone wall-mounted configurations. Floor and ceiling models also available.

IDEAL FOR: Zone cooling or locations where no ductwork exists, or is impossible or too costly to install. Any area where security is a concern.

VERTICAL SINGLE PACKAGE UNITS

Self contained unit installs in a small utility closet. A simpler way to condition multiple rooms. VERT-I-PAK installs as easily as a PTAC and the concealed installation creates a more homelike feel in a guest room or suite.

IDEAL FOR:

Suites, extended stay properties. apartments and dorms; or any application where lower sound levels are desired.







NERG\ STAR PARTNER Friedrich is a partner in the Energy Star® program which promotes the conservation of energy and the protection of the environment through the purchase of high efficiency appliances.



Friedrich Air Conditioning Co. | P.O. Box 1540 | San Antonio, TX 78295-1540 | 800.541.6645 | fax 210.357.4480 www.friedrich.com