

Airwell-Fedders North America, Inc.

Room Air Conditioner Catalog

### Features and Benefits

### **Sizing**

 Measure your room dimensions. Length x Width Square Feet.



2. Verify the size of your window opening.



3. Check the plug type and electrical requirements.



4. Choose recommended BTU size from the chart below.

### **BTU Size Too Large**

An air conditioner that has a higher BTU rating than the room size requires will tend to cycle off too quickly. The unit will not properly remove the humidity from the air.

#### **BTU Size Too Small**

An air conditioner that has a lower BTU rating than the room size requires will run continuously. The unit will not adequately cool the room.

Room Size	Square Footage	Recommended BTU range
10'×15'	150	up to 5,400
10'x20'	200	6,000
17'x20'	340	8,000
20'x20'	400	9,000
18'x25'	450	10,000
22'x25'	550	12,000
25'x30'	750	14,500
25'x34'	850	16,000
25'x40'	1,000	18,000
35'x40'	1,400	24,000
38'x40'	1,520	28,500
40'x40'	1,600	32,000



### **Electronic Touch Controls**

Adjust temperature, fan speed and timer operation with the touch of a button. Convenient digital display shows set temperature (available on most models).



Energy Star labeled air conditioners are more energy efficient than standard models.



#### **Slide-Out Filter**

Removable air filter allows easy cleaning to ensure maximum cooling efficiency.



### Expandable Side Panels

Side panels expand for a perfect window fit (on certain models). Fedders air conditioners go from carton to cooling in minutes.



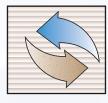
#### **Heat/Cool Models**

These models have electric heat for use as a supplemental heat source on cool days.



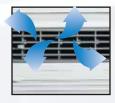
#### Auto Restart

In the event of a power failure, unit will automatically resume normal operation when power returns.



#### Air Exchanger

Exhaust vent removes stale air and odors from the room and circulates fresh air (on most models).



#### 4-Way Air Direction

Adjustable front louvers (on most models) let you direct the airflow both horizontally and vertically, providing uniform cooling.



#### **Remote Control**

Full-featured remote controls temperature, fan speed, mode and timer operations from anywhere in the room.



#### Ultra-Accurate Thermostat

Provides accurate control of room temperature to within 1.5°F.



#### **Slide-Out Chassis**

Two-piece design provides easy installation. Simply mount the lightweight cabinet, then slide in the modular chassis (on certain models).



## Room Air Conditioners

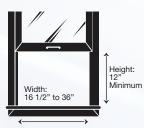




## 5,000-6,000 BTUs

#### Features:

- Lightweight, compact design for easy handling and installation
- Electronic controls with full-featured remote
  - 3 cooling and 3 fan speeds
  - 24-hour on/off timer
  - Auto cool mode
  - Sleep mode
- · 2-way adjustable air direction
- · Built-in auto restart function
- Filter check indicator
- Slide-out, washable air filter for easy cleaning
- Expandable side panels for a perfect window fit
- · Corrosion-resistant galvanized steel cabinet





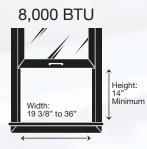


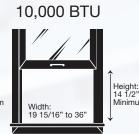
## 8,000-10,000 BTUs

#### Features:

- Window installation
- · Electronic controls with full-featured remote
  - 3 cooling and 3 fan speeds
  - 24-hour on/off timer
  - Auto cool mode
  - Energy Save mode
  - Sleep mode
- 4-way adjustable air direction
- Built-in auto restart function
- Filter check indicator
- Slide-out, washable air filter for easy cleaning
- Expandable side panels for a perfect window fit
- · Exhaust vent removes stale air and odors
- · Corrosion-resistant galvanized steel cabinet
- Ultra-quiet operation
- Unique low height fits smaller windows









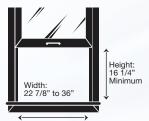


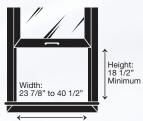
# Room Air Conditioners





#### 8,000-12,000 BTU 15,000-18,000 BTU





### 8,000-18,000 BTUs

#### Features:

- · Window or through-the-wall installation
- · Electronic controls with full-featured remote
  - 3 cooling and fan speeds
  - 24-hour on/off timer
  - Auto cool mode
  - Energy Save modeSleep mode
- 4-way adjustable air direction
- Built-in auto restart function
- · Filter check indicator
- · Quick-access, washable air filter for easy cleaning
- Expandable side panels for a perfect window fit
- · Slide-out chassis for easy installation
- Compact size fits 24" windows
- Exhaust vent removes stale air and odors
- Corrosion-resistant galvanized steel cabinet
- Ultra-quiet operation
- · Large capacity 115V model







# 24,000 BTUs

#### Features:

- Window or through-the-wall installation
- · Electronic controls with full-featured remote
  - 3 cooling and fan speeds
  - 24-hour on/off timer
  - Auto cool mode
  - Energy Save mode
  - Sleep mode
- 4-way adjustable air direction
- Built-in auto restart function
- Filter check indicator
- Slide-out, washable air filter for easy cleaning
- Slide-out chassis for easy installation
- Exhaust vent removes stale air and odors
- · Corrosion-resistant galvanized steel cabinet
- Ultra-quiet operation













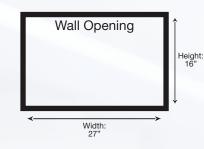
# Through-the-Wall Room Air Conditioners



## 8,000-14,000 BTUs

#### Features:

- Through-the-wall installation
- · Electronic controls with full-featured remote
  - 3 cooling and 3 fan speeds
  - 24-hour on/off timer
  - Auto cool mode
  - Sleep mode
  - 4-way adjustable air direction
- · Built-in auto restart function
- Filter check indicator
- · Slide-out, washable air filter for easy cleaning
- · Slide-out chassis for easy installation
- Exhaust vent removes stale air and odors
- Corrosion-resistant galvanized steel cabinet
- Trim Frame kit included for all sleeve sizes.









### **Wall Sleeves**





	MANUFACTURER	SLEEVE	WIDTH	DEPTH	HEIGHT
	FRIGIDAIRE		25 <sup>7</sup> /8"	16"/18"/22"	15 <sup>7</sup> /8"
	GE/HOTPOINT		26"	16 <sup>7</sup> /8"	15 <sup>5</sup> /8"
>	WHIRLPOOL	SHALLOW	25 <sup>1</sup> /2"	19"	15 <sup>5</sup> /8"
ê ≅ ĕ	WHIRLPOOL	DEEP	25 <sup>1</sup> /2"	22 <sup>9</sup> /16"	15 <sup>5</sup> /8"
NARROW TRIM FRAME	SEARS	SHALLOW	25 <sup>1</sup> /2"	19"	15 <sup>5</sup> /8"
	SEARS	DEEP	25 <sup>1</sup> /2"	22 <sup>9</sup> /16"	15 <sup>5</sup> /8"
	EMERSON QUIET KOOL		26 <sup>3</sup> /4"	15"	15 <sup>3</sup> /4"
	LG		25 <sup>7</sup> /8"	16 <sup>23</sup> /32"	16 <sup>17</sup> /32"
WIDE TRIM FRAME	FEDDERS "A" CHASSIS	SHALLOW	27"	16 <sup>3</sup> /4"	16 <sup>3</sup> /4"
	FEDDERS "B" CHASSIS	DEEP	27"	19 <sup>3</sup> /4"	16 <sup>3</sup> /4"
	FRIEDRICH		27"	16 <sup>3</sup> /4"	16 <sup>3</sup> /4"
	WELBILT		27 <sup>3</sup> /8"	15³/4"	16"

## Wall Sleeves (Sold separately)

Fedders Wall Sleeves (A70052A) include front and rear covers, plus a rear grille. Replacement parts are available by calling Customer Service at (866) 829-2440.

Sleeve dimensions: 25 %" W x 16 %" D x 15 %" H

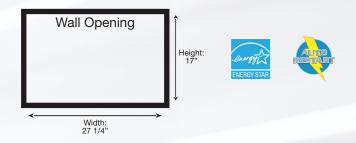
# Through-the-Wall Room Air Conditioners



## 9,200-11,800 BTUs

#### Features:

- Through-the-wall installation
- Electronic controls with full-featured remote
  - 3 cooling and fan speeds
  - 24-hour on/off timer
  - Energy save mode
  - Sleep mode
  - Auto restart
- Filter check indicator
- · Slide out filter for easy cleaning
- Exhaust vent removes stale air and odors
- Fits Fedders A & B sleeves (Sold separately)



### **Wall Sleeves**



#### Features:

- All metal construction for durability and long life. Fedders sleeves include front and rear covers plus rear grille.
- #BSA000D: Wall sleeve for "A" chassis (27"W x 16 3/4"D x 16 3/4"H)
- #BSB000D: Wall sleeve for "B" chassis (27"W x 19 3/4"D x 16 3/4"H)

## Portable Room Air Conditioner



### 9,000-12,000 BTUs

#### Features:

- Quiet operation
- No permanent installation required
- · Electronic controls with full-featured remote
  - 3 cooling and 3 fan speeds plus dehumidify mode
  - Sleep mode
  - 24-hour timer
- 40 pint/day dehumidifier capacity
- Built-in auto restart function
- Filter check indicator
- · Washable air filter for easy cleaning
- · No water bucket to empty
- Includes adjustable window adapter and flexible vent hose
- Side hand-holds and bottom casters for easy portability
- Dual hose model adds second vent hose that uses outdoor air in the cooling process













#### **Electronic Controls**

Convenient top-mounted controls let you adjust fan speed, mode, temperature and timer operations. Digital display shows target or current temperature.



Washable Air Filter

Removable air filter slides out for easy cleaning to ensure maximum cooling efficiency.





Adapter adjusts to fit windows from 22" to 42" wide, 6 1/2" high. Flexible vent hose (4") locks in to blow hot air outside. Dual hose model adds a second vent hose that also uses outdoor air in the cooling process.

# Room Air Conditioner Specifications

		Pl	ERFORM	ANCE					ELECTRICAL REQUIREMENTS						FEATURES						CA	BINET SI	ZE	WINDOW OPENING		WEIGHT
Model	Energy Star	Cooling Area (see note 1)	BTU Cooling	BTU Heating	E.E.R.	Pints Per Hour	Room Air Delivery (CFM max.)	Voltage	Amps Cooling	Amps Heating	Watts Cooling	Watts Heating	Plug Cap. Amps	Receptacle	Air Exchanger	Air Direction	Fan Speeds	Auto Restart	Slide-Out Chassis	Additional Features	Width	Depth*	Height	Width (Min-Max)	Height (Min)	Net/Ship Weight (lbs)
WINDOW	AIR		DITIO	NERS																						
AZ3R05F2A	N	150	5000	_			118		4.8	_	515	_	10	Α	N	2 Way	2	N	N	M	16 1/4	13 ¾	12 1/16	16 ½ - 36	13	34.2/39.7
AZ6R05F2A	N	150	5000	_	9.7	8.0	118	115	4.8	_	515	_	10	Α	N	2 Way	3	Υ	N	*	16 1/4	13 ¾	12 1/16	16 ½ - 36	13	34.2/39.7
AZ7R05F2A	Υ	150	5200	_	10.7	1.1	147	115	4.5	_	485	_	10	Α	N	2 Way	3	Υ	N	*	16 1/4	15 ¾	12 1/16	16 ½ - 36	13	38.6/44.1
AZ6R06F2A	N	200	6000	_	9.7	1.3	147	115	6.1	_	620	_	10	Α	N	4 Way	3	Υ	N	*	16 1/4	15 ¾	12 1/16	16 ½ - 36	13	39.7/45.2
AZ7R06F2A	Υ	200	6000	_	10.7	1.3	147	115	5.4	_	560	_	10	Α	N	4 Way	3	Υ	N	*	16 1/4	15 ¾	12 ½ 16	16 ½ - 36	13	46.3/52.9
AZ6R08F2A	N	340	8000	_	9.8	1.7	224	115	7.4		815		10	Α	Υ	4 Way	3	Υ	N	*	19 1/8	15 ¾	12 %	21 15/16 - 36	14	46.3/52.9
AZ7R08F2A	Υ	340	8000	_	10.8	1.7	224	115	7.0	_	740	_	13	Α	Υ	4 Way	3	Υ	N	*	19 1/8	15 ¾	12 %	19 % - 36	14	59.5/66.1
AZ6R10F2A	N	450	10000	_	9.8	2.4	295	115	9.4	_	1020	_	13	Α	Υ	4 Way	3	Υ	N	*	19 11/16	19	14 3/4	22 3/16 - 36	14 1/4	58.4/65
AZ7R10F2A	Υ	450	10000	_	10.8	2.7	295	115	8.8	_	930	_	15	Α	Υ	4 Way	3	Υ	N	*	19 ¹¹/₁6	20 15/16	14 3/4	19 ¹5/16 - 36	14 1/4	82.7/91.5
AZ7Y12F2A	Υ	550	12000	_	10.8	2	280	115	9.7	_	1110		15	Α	Υ	4 Way	3	Υ	Υ	*	22 5/8	21 7/16	15 %	22 1/8 - 36	16 1/4	82.7/90.4
AZ7Y12F7A	Υ	550	12000	_	10.8	2.2	280	230	4.9	_	1130	_	15	В	Υ	4 Way	3	Υ	Υ	*	22 5/8	21 7/16	15 %	22 1/8 - 36	16 1/4	99.2/111.4
AZ7Y15F2A	Υ	800	15000	_	10.7	3.8		115	12.0		1410		15	Α	Υ	4 Way	3	Υ	Υ	*	23 %	25 ½	17 3/16	23 % - 40 ½	18 ½	105/119
AZ7Y18F7A	Y	1000	18000	_	10.7	5.5	460	230	7.7		1730	_	15	В	Υ	4 Way	3	Υ	Y	*	23 %	25 ½	17 3/16	23 % - 40 ½	18 ½	122.3/136.6
AZ7R24E7A	Υ		24000		9.4			230	11.6		2660		20	С	V	4 Way	3	Υ	Υ	*	26 %	26 %	18 ½	26 13/16 - 42	19	73.2/80.9
HEAT/CO	<u> </u>			- CON			_	230	11.0		2000		20	U	I	4 Way	J	I	I		20 716	20 78	10 /2	20 716 - 42	19	73.2/00.9
AZEY08F2A							_	115	C C	0.0	740	1050	10	Ι Δ	\ \	4 \Moss	2	V	\ \	*	00.5/	01.7/	4F 3/	00.7/ 00	10.1/	70.0/00.0
	Y	340	8000	3500	10.8		280	115	6.6	8.9	740	1050	13	A	Y	4 Way	3	Υ	Y	*	22 %	21 7/16	15 %	22 7/8 - 36	16 1/4	73.2/80.9
AZEY12F7A	Υ	550	12000	11000	10.8			230	4.9	15	1130	3500	20	С	Υ	4 Way	3	Υ	Υ	*	22 5/8	21 7/16	15 %	22 7/8 - 36	16 1/4	85/92.5
AZEY18F7A	Υ	1000	18000	16000	9.7	5.5	460	230	8.4	22	1900	4900	25	D	Υ	4 Way	3	Υ	Υ		23 %	25 ½	17 3/16	23 % - 40 ½	18 ½	105/119
AZEY18F7B	Υ	1000	18000	10200				230	8.4	15	1900	3500	20	C	Υ	4 Way	3	Υ	Υ	*	23 %	25 ½	17 3/16	23 % - 40 ½	18 ½	105/119
AZER24E7A	Υ	1400	24000	16000	9.4		-	230	11.6	22.5		4900	25	D	Υ	4 Way	3	Υ	Υ	*	26 %	26 %	18 ½	26 13/16 - 42	19	128/142.2
THROUGH	-			R CON																				Г		
AZ7T08W2A	Υ	340	8000	_	9.4		283	115	8.0	_	850	_	10	Α	Υ	4 Way	3	Υ	Υ	**	24 1/16	20 1/4	14 ½	N/A	N/A	59.5/70.6
AZ7T10W2A	Υ	450	10000	_	9.4		283	115	9.8	_	1060	_	15	Α	Υ	4 Way	3	Υ	Υ	**	24 1/16	20 1/4	14 ½	N/A	N/A	65/75
AZ7T10W7A	Υ	450	10000	_	9.4	2.8	295	230	5.1	_	1060	_	15	В	Υ	4 Way	3	Υ	Υ	**	24 1/16	20 1/4	14 ½	N/A	N/A	60.6/70.6
AZ7T12W2A	Υ	550	12000	_	9.4	3.3	295	115	11.1	_	1240	_	15	Α	Υ	4 Way	3	Υ	Υ	**	24 1/16	20 1/4	14 ½	N/A	N/A	67.3/76.1
AZ7T12W7A	Υ	550	12000	_	9.4	3.5	295	230	6.3	_	1270	_	15	В	Υ	4 Way	3	Υ	Υ	**	24 1/16	20 1/4	14 ½	N/A	N/A	68.4/78.3
AZET12W7A	Υ	550	12000	10600	9.4	3.5	295	230	6.0	15	1330	3450	20	С	Υ	4 Way	3	Υ	Υ	**	24 1/16	20 1/4	14 ½	N/A	N/A	72.8/82.7
AZ6T14W7A	N	700	14000	_	9.0	4.3	318	230	7.4	_	1550	_	15	В	Υ	4 Way	3	Υ	Υ	**	24 1/16	20 1/4	14 ½	N/A	N/A	68.4/79.4
THROUGH	1-TH	IE WA	LL All	R CON	DITI	ONE	ERS	FOR	A/B	SLE	EVES	3		-									-			
AZ7A09W2A	Υ	400	9200	_	9.8	2.4	280	115	8.6	_	940	_	15	Α	Υ	4 Way	3	Υ	Υ	**	26	16 %	15 %	N/A	N/A	84/97
AZ7A12W2A			11800	_	9.4	3.2	280	115	11.6		1260	_	15	Α	Υ	4 Way		Υ	Υ	**	26	16 7/8	15 %	N/A		84/97
AZ7A12W7A			11800	_			280		5.6		1200	_	13	В	Υ	4 Way		Υ	Υ	**	26	16 1/8	15 %	N/A		84/97
PORTABL											00								<u> </u>			/ -	1 , 3	1		
AZ6P09S2A	N	400	9000		8.8	3	185	115	9.5		1080	_	15	Α	N	1 Way	3	Υ	<u> </u>	***	17 1/8	15 ½	31 5/16	N/A	N/A	66/75
AZ6P12D2A			12000		10		235	115	10.8		1300		15	Α		2 Way		Υ		****	18 %	18 1/2		N/A		79/94
AZHP12D2A	N		12000		8.7				10.8			1250		A		2 Way		Υ		****	18 1/8	18 16		N/A		79/94
AZIII IZDZA																										
Note 1 The square feet of cooling area listed is based on average room conditions in a moderate climate. Some exceptions are kitchens (add 4,000 BTU), high ceilings or unusual floor plans (increase 10%), warmer climates (increase 10-20%).																										
ADDITIONAL FEATURES																										
M	Mec	hanical	control,	no rem	ote co	ntrol.																				
*	Mechanical control, no remote control.  Full function remote control, 24 hour timer on-off, Sleep mode, Energy Saver mode, LED display, C/F display change, Filter check (250 hours), Auto-restart function, Operation														Operation											
			/Fan/Dry							_				_				_ ^	_	_						
**	Full	functio	n remote	control	, 24 h	our ti	mer o	n-off,	Sleep	mode	e, Ener	gy Save	er mo	de, L	ED d	isplay, C	/F di	splay	char	ige, A	uto-resta	art funct	ion, Ope	eration Mode:	Cool/Fa	an
***	Full function remote control, 24 hour timer on-off, Sleep mode, Energy Saver mode, LED display, C/F display change, Auto-restart function, Operation Mode: Cool/Fan Simple remote control, 12 hour timer on-off, LED display, Auto-restart																									
***	Simple remote control, 24 hour timer on-off, LCD display, Auto-restart																									
_						_			_					_												











Models and specifications are subject to change without notice. All models have electronic controls with remote control unless noted otherwise. 230v models are 208/230 volt and specifications listed are at 230v.



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