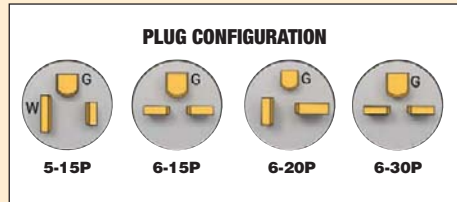




Window and Wall Air Conditioner Selection Guide

Determine Cooling Capacity (BtuH) needs using table at right. The table does not include people or equipment loads. Add 600 BtuH per person. For heavy shade, reduce by 10%. For sunny spaces, increase by 10%. For use in a kitchen, add 4000 BtuH. CEER (combined energy efficiency ratio): The higher the number, the more efficient the unit.

STANDARD 8-FT. CEILING	
Average Coverage Area	Cooling Capacity Needed
100 to 150 sq. ft.	4000 to 5999 BtuH
150 to 250 sq. ft.	6000 to 6999 BtuH
250 to 300 sq. ft.	7000 to 7999 BtuH
300 to 350 sq. ft.	8000 to 8999 BtuH
350 to 400 sq. ft.	9000 to 9999 BtuH
400 to 450 sq. ft.	10,000 to 11,999 BtuH
450 to 550 sq. ft.	12,000 to 13,999 BtuH
550 to 700 sq. ft.	14,000 to 17,999 BtuH
700 to 1000 sq. ft.	18,000 to 20,999 BtuH
1000 to 1200 sq. ft.	21,000 to 22,999 BtuH
1200 to 1400 sq. ft.	23,000 to 23,999 BtuH
1400 to 1500 sq. ft.	24,000 to 29,999 BtuH
1500 to 2000 sq. ft.	30,000 to 33,999 BtuH
2000 to 2500 sq. ft.	34,000 to 35,000 BtuH



FRIEDRICH

Commercial-Grade Window Air Conditioners

- Programmable
- Quiet operation
- 24-hr. timer
- Auto restart
- Left/right reversible power cord
- Control panel lockout (ON-OFF)
- Anti-intrusion protection

Made for commercial-grade applications with components that withstand more demanding environments. Commonly used to cool offices, retail stores, multi-family buildings, barracks, and dorms. Install in a window or through the wall. Units have remote capability and can be managed via Wi-Fi to allow centralized control of settings for one or more units. They're also compatible with Amazon Alexa and Google Home.

Window Mounting Kits—Window kits are included with Cooling-Only models, but are an accessory item for Cooling/Heating models. Window kits are required for window installation.

Carbon Filters—Remove odors and VOCs. Achieve up to a MERV 6 rating when used with standard filter.

Cooling Cap.	Average Coverage Area	CEER Rating	Voltage	NEMA Plug Configuration	No. of Speeds	H	W	D	Chassis Type	Mfr. Model	Item No.
Cooling Only											
6,000 BtuH	150 to 250 sq ft	12.1	115 V AC	LCDI, 5-15P	4	14 1/4 in	19 3/4 in	21 3/4 in	Slide Out	KCQ008A10	494L51
8,000 BtuH	300 to 350 sq ft	12.0	115 V AC	LCDI, 5-15P	4	14 1/4 in	19 3/4 in	21 3/4 in	Slide Out	KCQ008A10	494L52
8,000 BtuH	300 to 350 sq ft	12.0	115 V AC	LCDI, 5-15P	4	16 in	26 in	29 in	Slide Out	KCS008A10	494L54
9,500 BtuH	350 to 400 sq ft	10.9	115 V AC	LCDI, 5-15P	4	14 1/4 in	19 3/4 in	21 3/4 in	Slide Out	KCQ10A10	494L53
10,000 BtuH	400 to 450 sq ft	12.0	115 V AC	LCDI, 5-15P	4	16 in	26 in	29 in	Slide Out	KCS10A10	494L55
12,000 BtuH	450 to 550 sq ft	12.0	115 V AC	LCDI, 5-15P	4	16 in	26 in	29 in	Slide Out	KCS12A10	494L56
12,000 BtuH	450 to 550 sq ft	12.0	230 V AC	LCDI, 6-15P	4	16 in	26 in	29 in	Slide Out	KCS12A30	494L58
13,600 BtuH	450 to 550 sq ft	10.9	115 V AC	LCDI, 5-15P	4	16 in	26 in	29 in	Slide Out	KCS14A10	494L57
13,600 BtuH	450 to 550 sq ft	12.0	115 V AC	LCDI, 5-15P	3	18 in	26 in	34 1/2 in	Slide Out	KCM14A10	54XW29
15,700 BtuH	550 to 700 sq ft	10.7	230 V AC	LCDI, 6-15P	4	16 in	26 in	29 in	Slide Out	KCS16A30	494L59
20,000 BtuH	700 to 1000 sq ft	10.3	230 V AC	LCDI, 6-15P	4	18 in	26 in	29 in	Slide Out	KCM18A30	494L49
21,500 BtuH	1000 to 1200 sq ft	10.3	230 V AC	LCDI, 6-15P	4	18 in	26 in	29 in	Slide Out	KCM21A30	494L50
24,000 BtuH	1400 to 1500 sq ft	10.3	230 V AC	LCDI, 6-20P	4	20 1/4 in	28 in	35 1/2 in	Slide Out	KCL24A30	494L46
28,000 BtuH	1400 to 1500 sq ft	9.9	230 V AC	LCDI, 6-20P	4	20 1/4 in	28 in	35 1/2 in	Slide Out	KCL28A30	494L47
35,000 BtuH	2000 to 2500 sq ft	9.0	230 V AC	LCDI, 6-30P	4	20 1/4 in	28 in	35 1/2 in	Slide Out	KCL36A35	494L48
Cooling/Heating, Electric Heat											
7,700 BtuH	250 to 300 sq ft	11.0	115 V AC	LCDI, 5-15P	4	14 1/4 in	19 3/4 in	21 3/4 in	Slide Out	KEQ008A11	494L63
12,000 BtuH	450 to 550 sq ft	10.9	230 V AC	LCDI, 6-20P	4	16 in	26 in	29 in	Slide Out	KES12A33	494L64
15,700 BtuH	550 to 700 sq ft	10.7	230 V AC	LCDI, 6-20P	4	16 in	26 in	29 in	Slide Out	KES16A33	494L65
20,000 BtuH	700 to 1000 sq ft	10.3	230 V AC	LCDI, 6-30P	4	18 in	26 in	29 in	Slide Out	KEM18A34	494L62
24,000 BtuH	1400 to 1500 sq ft	10.3	230 V AC	LCDI, 6-30P	4	20 1/4 in	28 in	35 1/2 in	Slide Out	KEL24A35	494L60
35,000 BtuH	2000 to 2500 sq ft	9.0	230 V AC	LCDI, 6-30P	4	20 1/4 in	28 in	35 1/2 in	Slide Out	KEL36A35	494L61
Cooling/Heating, Heat Pump											
10,000 BtuH	400 to 450 sq ft	10.8	115 V AC	LCDI, 5-15P	4	16 in	26 in	29 in	Slide Out	KHS10A10	494L68
12,000 BtuH	450 to 550 sq ft	10.8	230 V AC	LCDI, 6-20P	4	16 in	26 in	29 in	Slide Out	KHS12A33	494L69
17,500 BtuH	550 to 700 sq ft	10.8	230 V AC	LCDI, 6-30P	4	18 in	26 in	29 in	Slide Out	KHM18A34	494L67
24,000 BtuH	1400 to 1500 sq ft	10.2	230 V AC	LCDI, 6-30P	4	20 1/4 in	28 in	35 1/2 in	Slide Out	KHL24A35	494L66
										For Use With	Item No.
Window Mount Kits for Cooling/Heating Models										Mfr. Model	Item No.
Kühl for "O" Chassis										KWIKQ	3JA19
Kühl for Small Chassis										KWIKS	48LU80
Kühl for Medium Chassis										KWIKMB	48LU79
Kühl for Large Chassis										KWIKL	48LU78
Carbon Filters (3 Pack)										Mfr. Model	Item No.
All KCL, KEL and KHL Kühl Commercial Grade Models										KWCFL	6JHJ0
All KCS, KES and KHS Kühl Commercial Grade Models										KWCFM	6JHH8
All KCM, KEM and KHM Kühl Commercial Grade Models										KWCFM	6JHH9
All KCQ and KEQ Kühl Commercial Grade Models										KWCFQ	40HY56



Window Air Conditioner Brackets

Relieve stress that air conditioners place on windows. They install from inside and include a built-in level and hardware. For additional window air conditioner accessories, go to Grainger.com®.

Weight Cap.	H	W	D	Mfr. Model	Item No.
A/C Safe					
Up to 80 Lbs	1 3/4 in	4 3/4 in	14 1/2 in	AC-080	4MH72
Up to 160 Lbs	1 3/4 in	4 3/4 in	—	AC-160	4MH73
Frost King					
Up to 80 Lbs	4 7/8 in	14 1/2 in	1 3/4 in	ACB80H	426R70
Up to 160 Lbs	5 in	19 1/2 in	1 3/4 in	ACB160H	426R71

Goodman
Air Conditioning & Heating

Looking For Condensing Units?

Find A/C condensing units, heat pump condensing units, and central equipment accessories on page 3091 and also on Grainger.com.

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