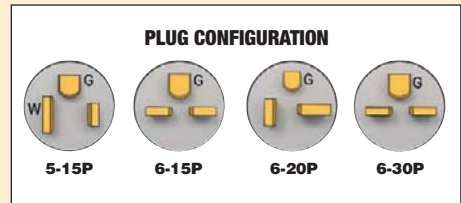


1-800-GRAINGER (472-4643)

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



494L51



494L46

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
- Slide out chassis type

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. (BtuH)	Average Coverage Area (sq ft)	CEER Rating	Refrigerant Type	Voltage (AC)	NEMA Plug Configuration	No. of Speeds	H	W	D	Mr. Model	Item No.	
Cooling Only												
6,000	150 to 250	12.1	R-410A	115V	LCDI, 5-15P	4	14 1/4 in	19 3/4 in	21 3/8 in	KCQ06A10	494L51	
8,000	300 to 350	12.0	R-410A	115V	LCDI, 5-15P	4	14 1/4 in	19 3/4 in	21 3/8 in	KCQ08A10	494L52	
8,000	300 to 350	12.0	R-410A	115V	LCDI, 5-15P	4	16 in	26 in	29 in	KCS08A10	494L54	
9,500	350 to 400	10.9	R-410A	115V	LCDI, 5-15P	4	14 1/4 in	19 3/4 in	21 3/8 in	KCQ10A10	494L53	
10,000	400 to 450	12.0	R-410A	115V	LCDI, 5-15P	4	16 in	26 in	29 in	KCS10A10	494L55	
12,000	450 to 550	12.0	R-410A	115V	LCDI, 5-15P	4	16 in	26 in	29 in	KCS12A10	494L56	
12,000	450 to 550	12.0	R-410A	230V	LCDI, 6-15P	4	16 in	26 in	29 in	KCS12A30	494L58	
13,600	450 to 550	10.9	R-410A	115V	LCDI, 5-15P	4	16 in	26 in	29 in	KCS14A10	494L57	
13,600	450 to 550	12.0	R-410A	115V	LCDI, 5-15P	3	18 in	26 in	34 1/2 in	KCM14A10	54XN29	
15,700	550 to 700	10.7	R-410A	230V	LCDI, 6-15P	4	16 in	26 in	29 in	KCS16A30	494L59	
20,000	700 to 1000	10.3	R-410A	230V	LCDI, 6-15P	4	18 in	26 in	29 in	KCM18A30	494L49	
21,500	1000 to 1200	10.3	R-410A	230V	LCDI, 6-15P	4	18 in	26 in	29 in	KCM21A30	494L50	
24,000	1400 to 1500	10.3	R-410A	230V	LCDI, 6-20P	4	20 1/4 in	28 in	35 1/2 in	KCL24A30	494L46	
28,000	1400 to 1500	9.9	R-410A	230V	LCDI, 6-20P	4	20 1/4 in	28 in	35 1/2 in	KCL28A30	494L47	
35,000	2000 to 2500	9.0	R-410A	230V	LCDI, 6-30P	4	20 1/4 in	28 in	35 1/2 in	KCL36A30	494L48	
Cooling/Heating, Electric Heat												
7,700	250 to 300	11.0	R-410A	115V	LCDI, 5-15P	4	14 1/4 in	19 3/4 in	21 3/8 in	KEQ08A11	494L63	
12,000	450 to 550	10.9	R-410A	230V	LCDI, 6-20P	4	16 in	26 in	29 in	KES12A33	494L64	
15,700	550 to 700	10.7	R-410A	230V	LCDI, 6-20P	4	16 in	26 in	29 in	KES16A33	494L65	
20,000	700 to 1000	10.3	R-410A	230V	LCDI, 6-30P	4	18 in	26 in	29 in	KEM18A34	494L62	
24,000	1400 to 1500	10.3	R-410A	230V	LCDI, 6-30P	4	20 1/4 in	28 in	35 1/2 in	KEL24A35	494L60	
35,000	2000 to 2500	9.0	R-410A	230V	LCDI, 6-30P	4	20 1/4 in	28 in	35 1/2 in	KEL36A35	494L61	
Cooling/Heating, Heat Pump												
10,000	400 to 450	10.8	R-410A	115V	LCDI, 5-15P	4	16 in	26 in	29 in	KHS10A10	494L68	
12,000	450 to 550	10.8	R-410A	230V	LCDI, 6-20P	4	16 in	26 in	29 in	KHS12A33	494L69	
17,500	550 to 700	10.8	R-410A	230V	LCDI, 6-30P	4	18 in	26 in	29 in	KHM18A34	494L67	
24,000	1400 to 1500	10.2	R-410A	230V	LCDI, 6-30P	4	20 1/4 in	28 in	35 1/2 in	KHL24A35	494L66	
											Mr. Model	Item No.
For Use With												
Window Mount Kits for Cooling/Heating Models												
Kühl for "Q" 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)												
All KCL, KEL and KHL Kühl Commercial Grade Models										KWCFM	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										KWCFM	40HY56	



4MH73

426R70



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	Mr. 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 2963 and also on Grainger.com.

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