

## Product Research for Best Window Air Conditioners

Sl	Pick	Product Name	Number of Positive Features	Rating Freq. (Latest 10)	Rating Freq. (Recent 11-20)	Rating Freq. (Recent 21-30)	Price on Amazon	Average Rating	Total Reviews	Dimensions	5,000 BTU	6,000 BTU	8,000 BTU	10,000 BTU	12,000 BTU	Cooling Area (sq. ft.)	Dehumidification (Pints/hr)	Energy saver function	Energy Efficiency Ratio (EER)	24 Hour On Off Timer	Voltage	Low Voltage Start Up	Amps (Cool)	Watts (Cool)	Type of Controller	Auto Cool Function	Auto Restart	Fan Speed (Cool/Fan)	Air Direction Control	Remote Control	Thermostat Control	Sleep Mode	Clean Filter Alert	Filter Access	Filter Check	Clean Air Ionizer	Filter Type	Air CFM (Hi/Me/Lo)	Indoor Noise Level (Hi/Me/Lo)	Outdoor Noise Level (Hi/Me/Lo)	Fresh Air/ Exhaust Vent/ Closed	Chassis Type	WiFi	App	GPS	Warranty	Performance	Adjustable Side Panels					
1	Best 5000 BTU Unit	Frigidaire FFRE053351 5,000 BTU 115V Window-Mounted Mini-Compact Air Conditioner	29	54 Days	48 Days	97 Days	\$157.31	3.9	350	15.2x16x12	Yes					150	1.1	Yes	12.2	Yes	115	Yes	3.8	410	Ready-Select+ Controls	Yes	Yes	43133	4	Full-function			Yes	Slide-Out			Antibacterial Mesh	124/106			No/No/Yes					Yes	AHAM	Yes					
2	Budget 5000 BTU Unit	Frigidaire FFR40511R1 5,000 BTU 115V Window-Mounted Mini-Compact Air Conditioner	25	2 Days	6 Days	4 Days	\$139.00	4.1	2,198	15.25x16x12	Yes					150	1.1	Yes	11.1		115	Yes	4	450	Mechanical		Yes	43133	2	Mechanical control				Slide-Out			Antibacterial Mesh	136/111			No/No/Yes					Yes	AHAM						
3	Advanced 5000 BTU Unit	Keystone 5,000 BTU 115V Window-Mounted Air Conditioner	29	94 Days	107 Days	33 Days	\$159.00	3.8	201	15.5x17.5x18.2	Yes					150	1.3	Yes	11.2	Yes	115		3.9	446	Electronics Control		Yes	43162		Temperature sensing LCD remote control		Yes	Yes	Tilt-out			Yes	129/112/100	55 / 52 / 49	62						Yes							
4	Best 6000 BTU Unit	Frigidaire FFRE063351 6,000 BTU 115V Window-Mounted Mini-Compact Air Conditioner	30	33 Days	52 Days	108 Days	\$193.99	3.8	231	18.5x15.5x13.4		Yes				250	1.3		12.2	Yes	115	Yes	4.5	490	Ready-Select+ Controls	Yes	Yes	43162	8	Full-function			Yes	Yes	Tilt-Out	Yes	Yes	Antibacterial Mesh	152 / 120 / 105			No/No/Yes							AHAM				
5	Best 8000 BTU Unit	Frigidaire FFRE083351 8,000 BTU 115V Window-Mounted Mini-Compact Air Conditioner	34	37 Days	36 Days	23 Days	\$249.99	3.7	442	18.5x17.5x13.4			Yes			350	1.7		12	Yes	115	Yes	5.9	665	Ready-Select+ Controls	Yes	Yes	43162	8	Full-Function	Yes	Yes	Yes	Tilt Out	Yes	Yes	Antibacterial Mesh	224 / 208 / 185			No/No/Yes					Yes	AHAM						
6	Advanced 8000 BTU Unit	Frigidaire Smart Window Air Conditioner, Wi-Fi, 8000 BTU, 115V, Compatible with Alexa	32	62 Days	48 Days	97 Days	\$299.00	3.4	203	18.5x19.8x13.4			Yes			350	1.7	Yes	12	Yes	115	Yes	5.9	665	Ready-Select+ Controls	Yes	Yes	43162	2	Yes	Yes	Yes	Tilt Out	Yes	Yes	Antibacterial Mesh	224 / 208 / 185				Yes	Yes	Yes	Yes	AHAM								
7	Best 10000 BTU Unit	Frigidaire 10,000 BTU 115V Window-Mounted Compact Air Conditioner	36	143 Days	39 Days	39 Days	\$298.00	3.8	131	21.5x19x14.6				Yes		450	3	Yes	12	Yes	115	Yes	7.5	830	Ready-Select+ Controls	Yes	Yes	43162	8	Full-Function	Yes	Yes	Yes	Tilt Out	Yes	Yes	Antibacterial Mesh	285 / 256 / 232			Yes / Yes / Yes					Yes	AHAM	Yes					
8	Budget 10000 BTU Unit	Frigidaire FFR41022R1 10000 BTU 115-volt Window-Mounted Compact Air Conditioner	32	12 Days	155 Days	42 Days	\$264.00	4	162	21.5x19x14.5				Yes		450	2.7	Yes	10.9	Yes	115	Yes	8	915	Ready-Select+ Controls	Yes	Yes	43162	8	Full-function	Yes	Yes	Yes	Tilt Out	Yes		Antibacterial Mesh	285 / 243 / 221			Yes / Yes / Yes					Yes	AHAM	Yes					
9	Best 12000 BTU Unit	Frigidaire 12,000 BTU 115V Window-Mounted Compact Air Conditioner	33	414 Days	132 Days	30 Days	\$373.41	4	344	21.5x19x14.5				Yes		550	3.8	Yes	11.3	Yes	115	Yes	9.5	1062	Ready-Select+ Controls	Yes	Yes	43162	8	Full-function	Yes	Yes	Yes	Tilt Out	Yes	Yes	Antibacterial Mesh	288 / 242 / 218			Yes / Yes / Yes					Yes		Yes					
10	Budget 12000 BTU Unit	SPT WA-12225 12,000BTU Window Air Conditioner - Energy Star	28	185 Days	61 Days	49 Days	\$315.95	4.1	205	19.69x20.94x14.75				Yes		550	3.2	Yes	11.3	Yes	120		9.5	1092.5	Electronic controls with digital display	Yes	Yes	3	4	Yes	Yes	Yes	Yes	Tilt Out		Yes			58.9/55.7/51.2			Yes/No/No					Yes						
11		Frigidaire FFRE0533Q1 5,000 BTU 115V Window-Mounted Mini-Compact Air Conditioner	28	173 Days	84 Days	83 Days	\$187.57	3.9	315	15.2x16x12	Yes					150	1.1	Yes		Yes	115	Yes	3.9	446	Ready-Select+ Controls	Yes	Yes	43133	4	Full-function			Yes	Slide Out	Yes		Antibacterial Mesh	124 / 106			No / No / Yes					Yes	AHAM	Yes					
12		Frigidaire 5,000 BTU 115V Window-Mounted Mini-Compact Air Conditioner	22	186 Days	50 Days	22 Days	\$146.26	3.8	321	13.2x16x12	Yes					150	0.8	Yes			115	Yes	4.8	515	Mechanical Controls		Yes	43133	2				Slide Out			Antibacterial Mesh	120 / 100			No / No / Yes					Yes	AHAM	Yes						
13		Frigidaire FRA052X17 5,000-BTU Mini Window Air Conditioner	20	320 Days	64 Days	127 Days	\$199.99	4.2	1,860	13.2x16x12	Yes					150	0.8	Yes			115	Yes	4.8	515	Mechanical Controls		Yes	43133	2	Mechanical control				Slide Out				100/120	54.0/50.0			No/No/Yes					Yes	AHAM					
14		Frigidaire FRA054X17 5,000 BTU Window-Mounted Mini Room Air Conditioner	26	202 Days	86 Days	58 Days	\$299.99	4	575	15.2x16x12	Yes					165	1.1	Yes	10.7	Yes	115	Yes	4.5	465	Electronic	Yes		43133	4	Full-function				Slide Out			Antibacterial Mesh	100/121	54.0/50.0							Yes	AHAM	Yes					
15		hOme 5000 BTU Window Mounted Air Conditioner - Compact 7-speed Window AC Unit	15	6 Days	18 Days	26 Days	\$155.95	4.2	278	16 x15.4x12	Yes					150			11.1		110-120												Slide Out													Yes							
16		Frigidaire FRA05SAT7 6000-BTU Mini Compact Window Air Conditioner	29	491 Days	86 Days	39 Days	\$358.99	3.5	452	13.4x18.5x15.5	Yes					216	1.3	Yes	10.7	Yes	115	Yes	5.4	560	Electronic	Yes	Yes	43162	8	Full-function		Yes	Yes	Tilt Out	Yes	Yes	Antibacterial Mesh	176 / 153 / 123			No / No / Yes					Yes	AHAM	Yes					
17		Friedrich Chill CP06G10B 6000 BTU Window Air Conditioner	20	207 Days	71 Days	33 Days	\$319.00	4	228	20.9x18.4x14	Yes					250		Yes		Yes	115		4.6	490	Electronic		Yes	3	4	Full-function			Yes		Yes		Antimicrobial									Yes							
18		Frigidaire 6,000 BTU 115V Window-Mounted Mini-Compact Air Conditioner	31	119 Days	60 Days	20 Days	\$245.62	3.8	185	15.5x18.5x13.4	Yes					250	1.3	Yes	12.2	Yes	115	Yes	5	536	Ready-Select+ Controls	Yes	Yes	43162	8	Full-function		Yes	Yes	Tilt Out	Yes	Yes	Antibacterial Mesh	152 / 120 / 105			No / No / Yes					Yes	AHAM	Yes					
19		LG LW8016ER 8,000 BTU 115V Window-Mounted AIR Conditioner	25	8 Days	4 Days	25 Days	\$274.99	3.8	334	19.6x19.4x12.4			Yes			340	2.2		12.1	Yes	115		6.2	660	Yes	Yes	Yes	43162	4	Yes	Yes	Yes						54	60		Top Down					Yes							
20		LG Electronics LW8014ER Energy Star 115-volt Window-Mounted Air Conditioner, 8000 BTU	21	360 Days	248 Days	124 Days	\$331.70	3.4	297	19.4x19.6x12.4			Yes			340	2.2	Yes	11.3	Yes	115	Yes	6.5	700	Electronic	Yes	Yes	43162	4	Yes	Yes									54	60		Top Down					Yes					
21		Quirky + GE Aros Smart Window Air Conditioner	23	259 Days	38 Days	161 Days	\$696.74	3.1	477	25x18x14			Yes			350		Yes	10.9	Yes	115		6.3	710	Electronic	Yes		43162		Smartphone		Yes		Slide Out									Yes	Yes	Yes	Yes							
22		Frigidaire 10,000 BTU 115V Window-Mounted Compact Air Conditioner	32	302 Days	111 Days	80 Days	\$399.99	4	384	21.5x19x14.5			Yes			450	3	Yes		Yes	115	Yes	7.7	885	Ready-Select+ Controls	Yes	Yes	43162	8	Full Function	Yes	Yes	Yes	Tilt Out	Yes	Yes	Antibacterial Mesh	285 / 243 / 221			Yes / Yes / Yes					Yes	AHAM	Yes					
23		LG LW1216ER Window-Mounted AIR Conditioner, 12,000 BTU 115V	27	43 Days	140 Days	51 Days	\$349.00	4	199	23.6x22.2x15				Yes		550		Yes	12.1	Yes	115		9.3	990	Electronic		Yes	43162	4	Full-function	Yes		Yes	Slide Out					265	52	60	No / Yes / No	Slide In/Out					Yes					
24		Frigidaire 12,000 BTU 115V Window-Mounted Compact Air Conditioner	32	134 Days	92 Days	6 Days	\$367.99	3.4	222	19 x21.5x14.5				Yes		550	3.8		12	Yes	115	Yes	9.5	1062	Ready-Select+ Controls	Yes	Yes	43162	8	Full-function	Yes	Yes	Yes	Tilt Out	Yes	Yes	Antibacterial Mesh	288 / 242 / 218			Yes / Yes / Yes					Yes		Yes					
25		SPT 12000 BTU Window Air Conditioner WA-12115	24	326 Days	416 Days	178 Days	\$399.99	4.1	489	20.9x19.7x14.8				Yes		500	3.2	Yes	11.3	Yes	120		10.2	110	Electronic controls with digital display	Yes	Yes	3	4	Yes	Yes	Yes	Yes	Tilt Out		Yes			58.9/55.7/51.2			Yes/No/No					Yes						

### Average Price:

\$180.60	5000 BTU Unit	\$275.00	6000 BTU Unit	\$440.00	8000 BTU Unit	\$400.00	10000 BTU Unit	\$360.00	12000 BTU Unit
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### Color Hints:

5000 BTU Unit	6000 BTU Unit	8000 BTU Unit	10000 BTU Unit	12000 BTU Unit	Positive Feature	Negative Feature
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### Elaboration:

**Number of positive features:** This value equals to the sum of all the green marked features for an item. For every product, there are some positive (marked green) and negative (marked red) features. We summed up all the green marked features to calculate this value.

**Rating frequency:** This value indicates how frequently a product is receiving every 10 ratings on Amazon.com. This gives an idea of how frequently a product is getting sold on Amazon. Usually one of every 10 persons that purchases a product rates it. A lower value here means the product is getting sold at a faster rate. All these data were collected on 19<sup>th</sup> May, 2018.

**Blank/white Boxes:** The boxes that are white indicate that we didn't find mention of those features anywhere on the internet for those products when we conducted our research. We couldn't come to a conclusion about those features when we personally tested them as well. So we left them blank/white.

**Price:** Price on Amazon.com on 19<sup>th</sup> May, 2018

**Average Rating:** The average rating it has out of 5 on Amazon.com till 19<sup>th</sup> May, 2018

**Total reviews:** The total number of ratings/reviews it received on Amazon.com till 19<sup>th</sup> May, 2018

P.S. For some points where positive or negative can't be determined easily (for example rating frequency, price etc.), we took an average value and made everything that is equal or above that value green and anything lower than that red.