

Examples of Air Cleaners

The air cleaners listed in this table are all: 1) CARB certified; 2) Mechanical air cleaners without ionizers; 3) under \$250.

Air cleaners are made to clean different sized rooms. It is important to select each air cleaner for the room size where it will be used.

Model	Room size	Unit cost*	Replacement Filter cost (1 yr)**	Noise (decibels)	Unit size (inches)	Weight (lbs)	Energy Star	Special features
ISINLIVE vortex V2	Small	\$40	\$80	55	9*9*14.8	8.09	No	Air quality monitor
Airthereal APH230C	Small	\$90	\$40	49	20*13*7.5	10	No	Child lock, optional timer, filter reset indicator, silent mode
Renpho RP-AP088	Small	\$90	\$56	52	8.5*8.5*14.25	N/A	No	Timer, filter replacement indicator, night light, sleep mode, child lock
Levoit Core 300	Small	\$100	\$60	50	8.7*8.7*14.2	7.5	Yes	Timer, filter replacement indicator, sleep mode, quiet mode
3M Filtrete FAP-C03BA-G2	Small	\$108	\$43	55	21.3*15*11	14	No	Fan speeds, set a run timer, dim the control panel lights, and reset the filter change indicator, handle to carry
Levoit Vital 100	Small	\$120	\$64	50	12.8*6.4*16.1	9.3	No	Sleep mode
Okaysou Air Max 10L Pro	Small	\$130	\$100	51	13.2*7.2*19	12.78	No	Air quality monitor, auto mode, filter replacement indicator, timer, child lock
Honeywell HPA100	Small	\$134	\$68	65	13.5*8.9*13.94	7.74	Yes	Filter replacement indicator, timer, panel dimmer
Storebary C350	Small	\$136	\$27	50	8*68*13.5	7.7	No	Filter replacement indicator, PM 2.5 monitor, child lock, auto mode, timer, sleep mode, display off
Medify Air MA-25	Small	\$160	\$100	52	13.5*8*8	7.3	Yes	Filter replacement indicator, child lock, sleep mode, timer
IKEA STARKVIND	Small	\$180	\$30	53	7*20*21	13	No	Filter replacement indicator, auto mode detects the particles (PM2.5) in the air and then adjusts the fan speed
Rowenta PU3030UO	Small	\$220	\$94	50	17*10.6*22.8	17.5	No	Filter replacement indicator, timer, auto day/night mode, child lock, air quality monitor
Taotronics AP003	Medium	\$70	\$60	52	21.8*14.1*7.8		No	Air quality monitor, auto mode, sleep mode, child lock, timer
Honeywell HPA200/204	Medium	\$165	\$68	65	17.7*10*18.8	13.91	Yes	Filter replacement indicator, timer, panel dimmer
Govee H7122	Medium	\$170	\$55	52	9.92*9.92*17.32		No	Voice control, quiet operation. real-time sensor detection
Smart Health S	Medium	\$190	\$30	52	13*13*14.3	10	No	None
3M Filtrete FAP-T02-F1	Medium	\$196	\$29	N/A	24.9*10.1*9.8	13	No	Electronic Filter Life Indicator, light dimmer, run timer and 4 fan speeds
Airthereal AGH550	Medium	\$200	\$120	46	11.4*11.4*24.6	14.7	Yes	PM 2.5 sensor, auto mode, dust sensor, sleep mode
Bissell Air 220	Medium	\$237	\$45	N/A	14.5*8.5*24	18.7	No	VOC sensor, auto mode
Levoit LV-H135	Medium	\$250	\$140	54	11.2*11.2*20.9	13.7	No	Auto mode, air quality monitor, timer
Afloia Mage	Large	\$140	\$100	56	10.6*11.9*22.1	11.6	No	PM2.5 air quality detector, time setting, 3 modes of operation(Auto/High/Sleep), filter replacement indicator
Afloia Max	Large	\$159	\$100	56	10.6*11.9*19.5	10.15	No	Air quality monitoring, automatic operation based on air quality, silent and timer function(2h/4h/8h), safe child lock to prevent misuse, filter replacement reminder, portable handheld ring
Levoit Core 400S	Large	\$220	\$100	52	10.8*10.8*20.5	14.12	Yes	Filter replacement indicator, air quality monitor, sleep mode, connects to phone through app, PM2.5 display
Rovacs RV550	Large	\$230	\$50	54	11.4*11.4*22.6	17.6	No	Auto mode, PM2.5 monitor, temperature & humidity monitor, timer, sleep mode, night light, remote control, child lock
Levoit LV-H133	Large	\$250	\$126	54	12.5*12.5*23.6	21	No	Air quality monitor, auto mode, timer
Winix D360	Large	\$250	\$80	51	15*10.3*21.1	14.6	Yes	Filter replacement indicator, air quality monitor, auto mode, sleep mode

Examples of Air Cleaners for Very Large Rooms (such as classrooms, daycare centers, meeting rooms, etc.)

The air cleaners listed in this table are all: 1) CARB certified; 2) Mechanical air cleaners without ionizers. These are cleaners are more expensive than those above because they are made to clean larger rooms, such as classrooms. It is important to select each air cleaner for the room size where it will be used.

Model	Room size	Unit cost*	Replacement Filter cost (1 yr)**	Noise (decibels)	Unit size (inches)	Weight (lbs)	Energy Star	Special features
Medify Air MA-50 V3.0	Small classroom	\$325	\$210	58	9*9*21	16	Yes	On/Off, Timer, Fan Speed, Sleep Mode, Child Lock
Cleanforce MEGA1000	Large classroom	\$479	\$119	61	15.5*14.5*31.5	36.4	Yes	Touch screen controls with smart auto mode, 4 fan speeds, 12-Hour Timer, sleep mode, 4 colors LED air quality display, auto on/off, and child lock
Smart Air Blast - MKII	Large classroom	\$979	\$200	43	48.4*22.6*13	69	No	None

In compiling the above list of air purifiers, RAMP and PHI have relied on independent third party testing and manufacturer information and listing in these materials does not constitute an endorsement by RAMP or the Public Health Institute (PHI). PHI and RAMP are not liable for any or all injuries related to any use of the air purifiers.

*Costs may fluctuate and vary by vendor. These costs were accurate as of 7/5/2023.

**Replacement filter costs were calculated based on the replacement frequency recommended by the manufacturer. Wildfire smoke events may require more frequent filter replacement.

*** "N/A" signifies that certain information was not available from the manufacturers at the time.