

Trio

PORTABLE

Comparison Chart



FIELD CONTROLS

TRIO PORTABLE COMPARISON CHART

TECHNOLOGY									
Manufacturer	Model	Fan	Filter	UVC Germicidal Light	Photocatalytic Oxidation (PCO)	Ionization	Ozone	Advanced Controls	Comments
Smart Air Purification Technology									
Field Controls	TRIO Portable	✓	✓	✓	✓	None	None	✓	Patented PRO-CELL™ Technology reduces VOCs & odors. Smart Digital Controls: chemical (VOC) sensor responsively controls multiple fan speed; includes bulb and filter change indicators.
Blueair	Classic & Pro Series	✓	✓	None	None	✓	None	✓	HEPA filtration with ionization chamber; SurroundAir™; Pro Series includes optional intelligence module to test particulate and gas levels
IQAir	Health Pro Series	✓	✓	None	None	None	None	✓	Multiple layers of filtration including activated carbon and alumina based potassium permanganate (V5-Cell)
Filter Technology +									
Germ Guardian	AC5000	✓	✓	✓	✓	None	None	None	Charcoal pre-filter; HEPA filter; 8-watt UVC bulb
Honeywell	HTT-145/149	✓	✓	✓	None	None	None	None	HEPA; pre-filter; automatic timer; 12 speed settings
Air Oasis 3000 Xtreme	G3	✓	None	✓	✓	None	WARNING!	None	Produces ozone; banned in California by California Air Resources Board (CARB)
Austin Air Healthmate 400	HM400	✓	✓	None	None	None	None	None	HEPA filter with carbon & zeolite
Sharp	FP-A80UW	✓	✓	None	None	✓	None	None	Listed as a "plasma-ion streamer" - claims no ozone
Basic Filter Technology									
Whirlpool	Whispure 51030K	✓	✓	None	None	None	None	None	HEPA with charcoal pre-filter; electronic controls; 4 fan speeds; turbo setting; sleep mode
Honeywell	50250	✓	✓	None	None	None	None	None	3-speed manual operation; HEPA filter; pre-filter
Holmes	HAP756-U	✓	✓	None	None	None	None	None	Basic filtration
Eco Quest	Fresh Air	✓	None	✓	None	None	WARNING!	None	Produces ozone; banned in California by California Air Resources Board (CARB)
GE	AFHC21AM	✓	✓	None	None	None	None	None	Has a filter indicator; programmable timer; remote control; 4 speeds



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