



Manufacturer	Field Controls	Field Controls	Austin Air System	Surgically Clean Air	Healair	Blade Air	Titues	Titues	Hart and Cooley	Koch	Price Industries	Germaway
Model	TRIO Plus	TRIO Pro	HM400	SCA-JADE	HA0460FI206PG	HCFM-I	THRC LF	THRC HF	Isoclean 400	Isoclean 400	RAP	Centurion
Retail Price	\$1,100	\$1,415	\$849			\$2,000						\$2,199

Performance												
AHAM CADR	305	518	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
CFM	440	659	448	448	400	460	400	800	400	400	600	694
Noise (dba)	24 - 52	21 - 54	40-62	37-58	54-56	40-55	45-59	45-59	52-60	52-60	46-59	Not Reported
HEPA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗
Carbon	✓	✓	✓	✓	✗	✓	✗	✗	Sold Separately	Sold Separately	✗	✓
UVC	✓	✓	✗	✓	✓	✗	Sold Separately	Sold Separately	Sold Separately	Sold Separately	Sold Separately	✓
PCO	✓	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗
Ionization	✗	✗	✗	✓	✓	✗	✗	✗	✓	✗	✓	✗

Features												
Air Quality Sensor	✓	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗
Auto Mode	✓	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✓
Sleep mode	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Timer	✓	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✓
Filter Indicator	✓	✓	✗	✗	✗	✗	✓	✓	✗	✗	✗	✗
Child Lock	✓	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗
Speeds	6	5	3	5	Var.	Var.	3	3	Var.	Var.	Var.	1
Power (W)	88W, 0.89A	123W, 1A	132W, 1.3A	78W, 1.1A	180W, 10A	Not Reported	500W, 4.5A	920W, 8A	517W, 4.5A	517W, 4.5A	529W	240
Maintenance	6mon/2000hs 1yr/7800hrs	6mon/2000hs 1yr/7800hrs	Not Reported	Not Reported	Not Reported	4,380 hrs.	18-24 mon. 9,000hrs.	18-24 mon. 9,000hrs.	UV 9,000hrs.	Not Reported	Pre: 4k hrs., HEPA: 20k hrs. Req. Tools	Filter: ? UV 10,000hrs
Warranty	1yr	1yr	5yr	1yr	1yr	Not Reported	Not Reported	Not Reported	1yr	1yr	Not Reported	1yr

Lab Testing												
Biological Testing	✓	✓	✗	✗	Suppliers claims have not been independently verified	✗	✗	✗	✗	✗	✗	✗
Filter Efficacy	99.996%@0.1 99.997%@0.3	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗

Certifications												
E. Star	✓	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗
CARB (Non-Ozone)	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗

TRIO Plus Biological Testing
Virus: 99.99% reduction of the active COVID-19 virus, SARS-CoV-2, in 30 minutes. BSL3 lab, Innovative Bioanalysis.
Bacteria: 99.63% reduction of Bacillus Subtilis spores in 120 minutes following GB 21551.3-2010 Testing Methods.
Fungi: >99.99% reduction of Staphylococcus aureus ATCC 6538, Aspergillus niger strain within 1hr, following GB 21551.3-2010 Testing Method