

ENGINEERING DATA



Model: TRIO Pro

Air Purifier



MODEL PART NUMBER

TRIO Pro 602605400

REPLACEMENT PARTS

Description	Part Number
Filters (2/pkg): Pre-filter, HEPA and Carbon	602605600
Lamp (4/pkg):	602605500

LOGISTICS

Net Weight: 46.3lbs (21.0 kgs)

Net Dimensions: 18.6 x 15.2 x 31" (LxWxH)

(L474xW385xH772mm)

Packaged Weight: 50.7lbs (23.0 kgs)

Package Dimensions: 22 x 18.5 x 34.5" (LxWxH)
(L560xW470xH875 mm)

Cable length: 6ft (1.8m)

Warranty: 1 year

CONSTRUCTION

ABS

PRODUCT OPTIONS

Orders must exceed 500 units

Options: Feet pads, Private label

Filters: (H12 HEPA, H13 HEPA, H14 HEPA)

CERTIFICATIONS

ETL

FEATURES

- Dual air inlet path design to maximize large room filtration
- H13 HEPA - Medical grade filter captures 99.97% 0.3 micron such as dust, pollen, and smoke
- Activated carbon filter to capture odors such as formaldehyde, benzene, ammonia, VOCs, nicotine, etc.
- Four powerful UV-C germicidal lamps to neutralizes bacteria, viruses, mold and fungi
- Patented PRO-Cell technology - Photo-reactive Oxidation process breaks down toxic VOCs (Volatile Organic Compounds) into safe CO₂ and H₂O vapors
- VOC and PM_{2.5} Particulate sensors - Automatically increases the fan speed when harmful gases and particulates are present
- Timer with 1 - 24H options
- Filter life timer (2,000 hours) and indicator to show when replacement filter required
- Handles for easy carrying and moving
- Three fan speeds, sleep mode, Auto mode, & Turbo mode
- Safety features - Child lock and automatic power off once inlet panel removed

ELECTRICAL

Rated Voltage: 120V ±10%

Frequency: 60Hz

Power: 120W ±10%

Current: 1Amp

Energy Efficiency: 4.9 (CFM/W)

Max input power: 115W ±10%

UV-C LAMPS

Number of lamps: 4

Wattage: 8W

Voltage: 55±5

Material: Quartz Glass

Intensity: >25 (μW/cm²@1m)

Lamp Life: 8000 hrs

Ozone treatment layer

MOTOR

Type: DC

Max rating: 70W

HP: 0.095

Efficiency ratings: 70%

Safety Certifications: ROHS Compliant

MODES

Auto mode: Automatically monitors air quality and adjusts airflow accordingly

Manual Mode

Sleep Mode

Sleep timer increments: 1hr

Interface: LCD screen

OPERATION

For indoor use only

Operation environment: 0 -104F (0-40C), 0-100% humidity

5 Speeds

Touch control and Remote control

FILTERS

Pre-Filter, Washable

Filter life: 2,000 hrs

Particulate & Chemical Filter

Particulate filter: H13 HEPA

Particulate Capture: 99.97% of 0.3 micron particles

Chemical Filter: Activated Carbon, 300g/filter

REMOTE CONTROL OPTIONS

On/Off, UV Lamp On/Off, Fan Speed, Sleep Timer, Light On/Off



Field Controls
2630 Airport Road
Kinston, NC 28504

252 522-3031
Fax: 1 (800) 367-7942

Visit us at: www.fieldcontrols.com

Field Controls LLC reserves the right to modify a product, without prior notice, whether in design, color or specifications, in order to offer at all times a quality product that is highly competitive. Please consult your national and local building codes to find out whether the installation of electrical products requires the services of a certified technician or electrician. Field Controls and VentCool™ are registered Trademarks used under license by Field Controls LLC. All rights reserved.

ENGINEERING DATA

FAN SPEED INFORMATION

	CADR AIRFLOW (H13 FILTER)	CFM Airflow (H13 Filter)	Noise Level (Pressure Level)	Power (W)
Fan Speed 1	176 ft ³ /m (300 m ³ /h)	235 ft ³ /m (400 m ³ /h)	29.1	40±4W
Fan Speed 2	294 ft ³ /m (500 m ³ /h)	352 ft ³ /m (600 m ³ /h)	37.1	46±4W
Fan Speed 3	352 ft ³ /m (600 m ³ /h)	411 ft ³ /m (700 m ³ /h)	43.3	58±5W
Fan Speed 4	411 ft ³ /m (700 m ³ /h)	529 ft ³ /m (900 m ³ /h)	48.2	75±6W
Turbo	529 ft ³ /m (900 m ³ /h)	647 ft ³ /m (1100 m ³ /h)	54.5	115±10W

PRODUCT VIEWS AND GENERAL DIMENSIONS

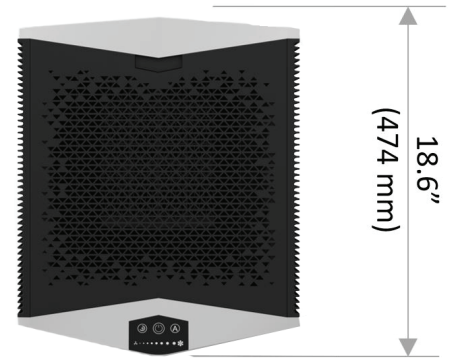


FRONT VIEW



15.2"
(385 mm)

SIDE VIEW

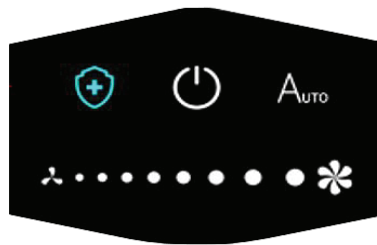


18.6"
(474 mm)

PLAN VIEW



AIR QUALITY READING



CONTROL PANEL



REMOTE

PROJECT INFORMATION

Quoted by:	Date:
Project:	Remarks:
Quantity:	
Model:	
Site:	
Architect:	
Engineer:	
Contractor:	



FIELD CONTROLS
Improving Indoor Environments

Field Controls
2630 Airport Road
Kinston, NC 28504
252 522-3031
Fax: 1 (800) 367-7942

Field Controls
9154 Stellar Court
Corona, CA 92883
951-277-0304

Visit us at: www.fieldcontrols.com