ENGINEERING DATA

FIELD CONTROLS

Model: TRIO Plus S
Portable Air Cleaner

ETL LISTED — c US Intertek

Meets California ozone emissions limit: CARB certified

MODEL
TRIO Plus S

PART NUMBER
602611600

REPLACEMENT PARTS

Description	Part Number
Filters (1/pkg) contains: Pre-filter and HEPA Filter	602611700

LOGISTICS
Net Weight: 26.2 lbs (11.9 kgs)
Net Dimensions: 17.3 x 9x28" (L x W x H)
(L 439 x W 229 x H 712mm)
Packaged Weight: 30.2 lbs (13.7 kgs)
Package Dimensions: 21 x 12.7 x 31.5" (L x W x H)
(L 535 x W 323 x H 800 mm)
Cable length: 6 ft (1.8m)
Warranty: 2 year

CONSTRUCTION
ABS

PRODUCT OPTIONS
Special Orders: Colors, Private label, Filters: (H14 HEPA)
Casters: 2 Free rolling, 2 locking, Part #:602607600
Wall mount kit: Part #: 602607700

CERTIFICATIONS
Conforms to UL STD.507, Certified to CSA
STD.C22.2 No. 187 2020 Ed.5
Non-Ozone Producing Tested to UL 867
350 Smoke CADR
CARB Certified
Prop. 65 Compliant

FIELD CONTROLS

Field Controls
2630 Airport Road
Kinston, NC 28504
252 522-3031
Fax: 1 (800) 367-7942
Visit us at: www.fieldcontrols.com

certified WBENC WOMEN'S BUSINESS ENTERPRISE

FEATURES
- HEPA - Filter captures >99.97% 0.3-micron particles such as smoke, dust, and pollen
- Cleanable pre-filter - that captures large particles such as hair, dander, etc.
- PM2.5 Particulate matter sensor - Automatically increases the fan speed when particulates are measured
- Color coded indoor air quality indicator – Blue | Green | Yellow | Orange | Red (Blue=good, Red=hazardous)
- Timer with 1, 2, 4, and 8 hr. options
- Filter life indicator and timer (2,000 hr.) to show when filters require inspecton and/or possible replacement
- Built in handles for convenient manuevering and placement.
- 5 fan speeds plus Turbo, system has manual, sleep, auto mode functions
- Safe to Use - Child lock, automatic shut-off if opened during operation, enclosed UVC meeting emission requirements, non-ozone producing (CARB Certified)

ELECTRICAL
Rated Voltage: 120V ±10%
Frequency: 60Hz
Power: 81W ± 6W
Current: 0.83Amp
Energy Efficiency: 4.3 (CFM/W)
Max input power: 87W ±10%

MODES
Auto mode: Automatically monitors air Quality and adjusts airflow according to Particulate Matter Sensor (PM 2.5)
Manual Mode: Fixed Speed
Sleep Mode
Timer increments: 1, 2, 4, 8 hr.
Interface: Touch button

OPERATION
For indoor use only
Operation environment: 0-104F (0-40C), 0-100% humidity
5 Speeds and Turbo
Touch control
Noise: 24 - 52.8 dB(A)

Operation of device does not replace the requirement for routine disinfection procedures

MOTOR
Type: DC
Max rating: 70W
HP: 0.095
Efficiency ratings: 70% Safety
Certifications: ROHS Compliant

FILTERS
Pre-Filter Screen: Washable Screen
Life: Clean every 2,000 hrs. of operation
Pre-Filter
Life: Inspect and clean every 2,000 hrs. of operation
HEPA Filter: HEPA Particulate Capture: >99.97% @ 0.3µm, 99.996% @ 0.1- 0.15µm
Life: Inspect every 2000 hrs. of operation.
Recommend replacement every 6 months of operation.

ENGINEERING DATA

FAN SPEED INFORMATION

	CADR Airflow	CFM Airflow	Noise Level Pressure level, dB(A)	Power (W)
Fan Speed 1	37 ft³/m (62 m³/h)	60 ft³/m (101 m³/h)	24.7	25±3W
Fan Speed 2	118 ft³/m (201 m³/h)	180 ft³/m (306 m³/h)	28.5	30±3W
Fan Speed 3	163 ft³/m (277 m³/h)	246 ft³/m (418 m³/h)	35.8	35±4W
Fan Speed 4	226 ft³/m (384 m³/h)	345 ft³/m (586 m³/h)	45.4	45±5W
Fan Speed 5	281 ft³/m (478 m³/h)	424 ft³/m (720 m³/h)	47.5	60±5W
Turbo	350 ft³/m (595 m³/h)	504 ft³/m (856 m³/h)	52.8	81±6W

PRODUCT VIEWS AND GENERAL DIMENSIONS

28" (711.2 mm)

FRONT VIEW

9" (228.6 mm)

SIDE VIEW

17.3" (439.42 mm)
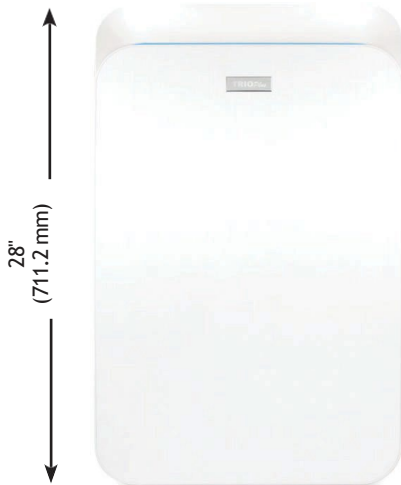
PLAN VIEW

AIR QUALITY INDICATOR

Filter   Lock   Timer   Speed   Mode   Power

1H 2H 4H 8H   Auto Sleep M T Turbo
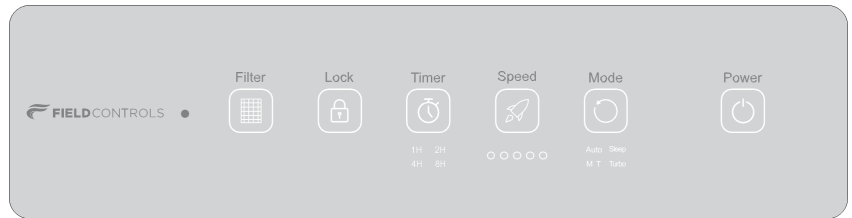
CONTROL PANEL

PROJECT INFORMATION

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

P/N 602611600 11/22 Rev A