

ENGINEERING DATA



Model: TRIO 3 IN 1 IN-DUCT

Air Purification System

Models: TRIO-16, TRIO-20



ITEMS INCLUDED

- 1 - TRIO-16 or TRIO-20 Air Purification System
- 1 - 120V Quick Connect Power Cord
- 2 - UVC Germicidal Lamp
- 1 - Instruction Sheet
- 1 - Lens Label

REPLACEMENT PART NUMBERS

Replacement UVC Lamps (Set of 2)	46636400
BA-12/20	46636900
TRIO1625RM13C Merv 13 Filter w/ Carbon	731011625
TRIO2025RM13C Merv 13 Filter w/ Carbon	731012025
Catalytic Aluminum Substrate (TRIO-16)	808021200
Catalytic Aluminum Substrate (TRIO-20)	808022000
TI-16RK Rplc Lamp Kit (set of 2) and Rplc Filter	602641625
TI-20RK Rplc Lamp Kit (set of 2) and Rplc Filter	602641100

SHIPPING DIMENSIONS

TRIO-16	34 x 19 x 14
TRIO-20	34 x 23 x 14

The TRIO 3in1 In-duct Air Purification System installs into the return sided of ducted HVAC appliances. Most electronic and media air cleaners only capture particles. The TRIO 3in1 In-duct Air Purification System not only removes particles, but also reduces viruses, germs, and toxic gases.

SPECIFICATIONS

Model TRIO-16:

(Capacity 1-1/2 to 3.0 tons)

Model: TRIO-16

Power: 120V/60 Hz .6 Amps 49.2 Watts

Fuse: Replace only with AGC-2 fuse

Application: 3 Ton Drive Air Handler/Furnace

Max Face Velocity: 500 FPM

Max Air Flow: 1200 CFM

Service: UVC Lamps - Best practice 1 year
Filter - 6 to 12 months

U.V. Range: 254 NM (germicidal)

UVC Lamps: 16,000 Hours (2 year lamp life efficiency) Best Practice to replace every 12 months

Model TRIO-20:

(Capacity 3.5 to 4.0 tons)

Model: TRIO-20

Power: 120V/60 Hz .6 Amps 49.2 Watts

Fuse: Replace only with AGC-2 fuse

Application: 4 Ton Drive Air Handler / Furnace

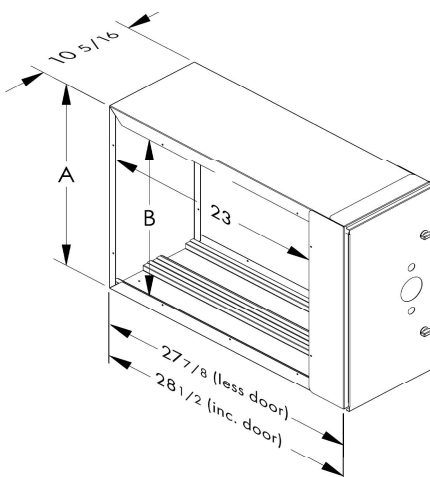
Max Face Velocity: 625 FPM

Max Air Flow: 1600 CFM

Service: UVC Lamps - Best practice 1 year
Filter - 6 to 12 months

U.V. Range: 254 NM (germicidal)

UVC Lamps: 16,000 Hours (2 year lamp life efficiency) Best Practice to replace every 12 months



Model No	A	B
TRIO-16	17-1/8	14
TRIO-20	21-1/8	18

Pressure Drop				
Model	600 CFM	800 CFM	1000 CFM	1200 CFM
TRIO-16	0.07	0.125	0.18	0.25

Pressure Drop				
Model	1200 CFM	1400 CFM	1600 CFM	2000 CFM
TRIO-20	0.18	0.24	0.30	0.45



Field Controls
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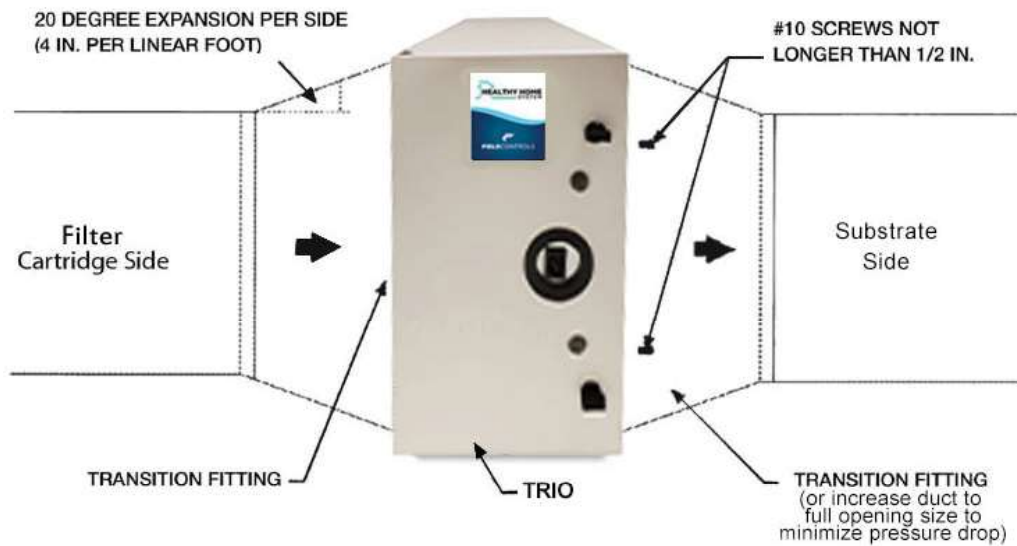
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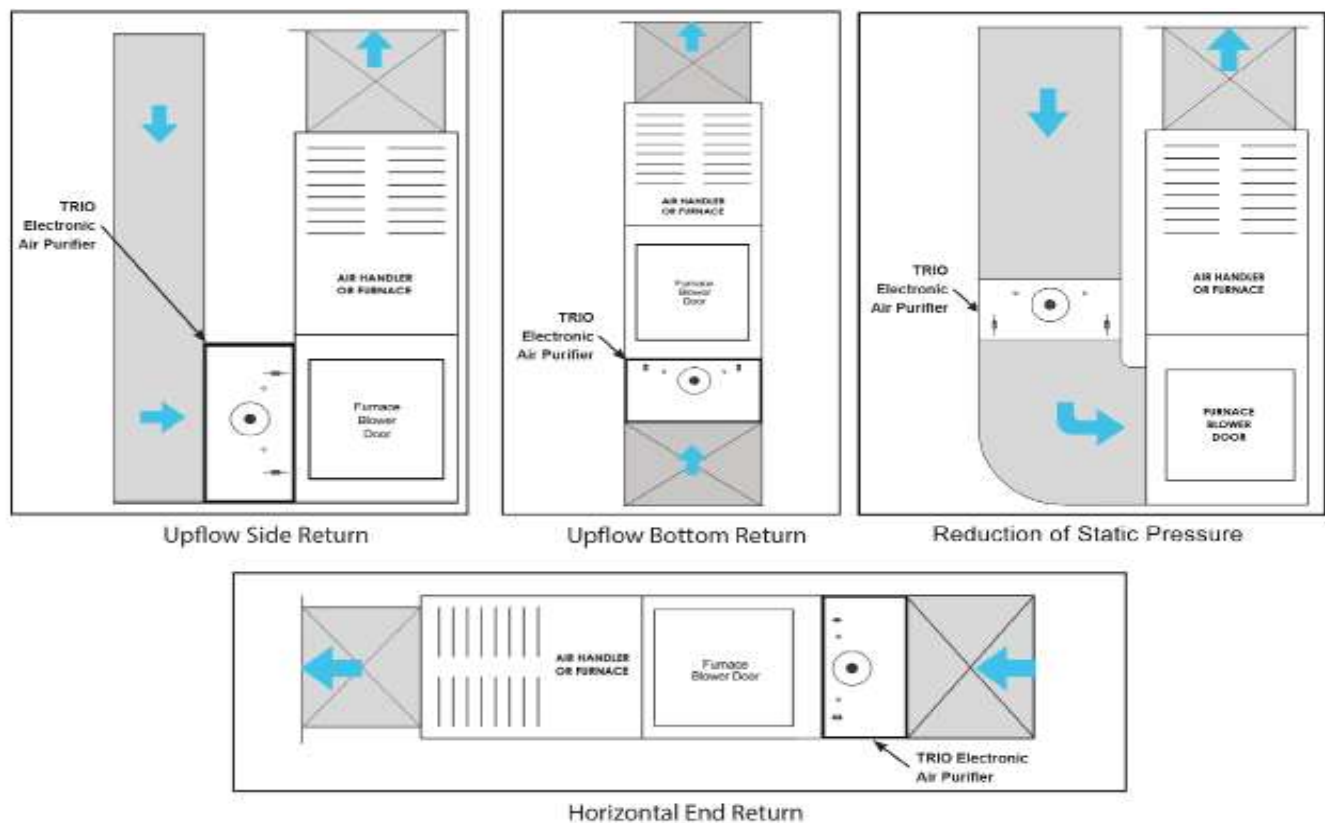
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TRANSITIONS FOR IN-DUCT MOUNTING



POSSIBLE LOCATIONS FOR IN-DUCT MOUNTING



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Visit us at: www.fieldcontrols.com

PROJECT INFORMATION

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