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## Totaline® Ultraviolet Object Purifiers Totaline® Saber 24 Volt and 110 Volt Object Purifiers



The Totaline® Saber “Object” UV Purifier is designed to bask Stationary Objects (i.e. evaporator coil, duct walls) with UVC Germicidal Energy, preventing and destroying mold, biological odors and other microbial contaminants.

### Totaline®SABER Features:

- A cost effective means to treat the evaporator coil destroying mold and other biological contaminants & odors
- Available with 19 mm. 12" or 16" UVC Germicidal Quartz Lamp
- Various mounting scenarios
- Convenient Grab-And-Go Packaging
- **110V SABER Features:**
  - Quick & Easy Installation. Just plug & play
  - Electronic Low voltage Ballast
  - Weather Resistant Remote Cable
  - Quick & Easy Installation
  - Kit includes Lamp, ballast, 5ft wire set, all hardware and cotton gloves

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Part No.	Description
P103-SABER24-12	24 Volt, 12 inch length
P103-SABER24-16	24 Volt, 16 inch length
P103-SABER110-12	110 Volt, 12 inch length
P103-SABER110-16	110 Volt, 16 inch length

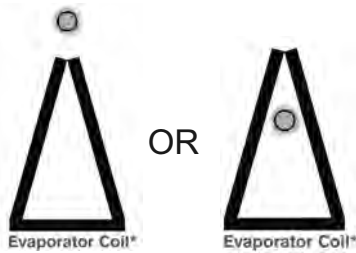
## Totaline® Saber Genius UV Object Purifier - Dual Voltage 24/110 Volt

The Totaline Saber Genius UV Object Purifier is Totaline's latest offering for the growing UV Purifier market. The Saber Genius is installed so that the UV rays from the 16" UV-C lamp directly treat the evaporator coil in the HVAC system, exposing any mold, bacteria or other growth to intense UV rays. It can be installed either inside the evaporator "A" coil or over the coil, shining onto it from on top.

Similar in performance to the existing Totaline UV Object Purifier, the Saber Genius includes a 3" LCD display providing real time UV lamp status that "counts down" to a recommendation to change the UV lamp. In addition to providing the owner with a visual indication of status, this feature greatly enhances service opportunities for the contractor/dealer.

- 3" LCD Display provides "Real time" system status
  - Electro-Blue Back-Light Display
  - Contractor call back indicator for lamp replacement
  - Count down purifier animation display
  - Lamp out and ballast out visual alarm
  - Visual status display
- **2nd 16" UVC Lamp included**
- Intelligent Voltage Protection (VP) protects the board of the HVAC equipment
- Dual Voltage 24V & 110V with included step down transformer
- Cotton gloves included
- 1-year limited warranty

### Various mounting scenarios, sample Installations



**NOTE:** UV exposure is dangerous to eyes, skin and exposed plastic or rubber.

### Ordering Information

Part Number	Description
P103-SABERGENIUS	Saber Genius UV Object Purifier
P103-SMARTLMP016	16" Replacement Lamp for the P103-SABERGENIUS



### LCD Display:

#### Lamp Operating Status

- Day Counter - Provides lamp life left in days.
- UV Lamp Status - UV PURIFIER OPERATING will show unless: Unit is OFF, Lamp has failed or Lamp is over 365 day life
- Change Lamp Indicator - After 325 days, CHANGE LAMP will illuminate, indicating that lamp will need to be replaced soon. After 365 days, CHANGE LAMP will flash indicating it is time to replace lamp. CHANGE LAMP will also stay on if the lamp fails before the 365 days is up.
- Timer - Rotating Circle indicates time counter. It will stop rotating after 365 days.
- Day Counter - Bars will reduce in number each 45 days indicate lamp life left. At 365 days, no bars will be displayed indicating the lamp should be replaced.
- Call installer - icon will illuminate under the following conditions. 1) The lamp has illuminated for 365 days and is in need of replacement. 2) When an Error-Code appears.
- Error-Codes
  - EC1: Lamp failure
  - EC2: Ballast failure
  - EC3: 24V Power supply voltage too low\*\*
  - EC4: 24V Power supply voltage too high\*\*

\*\* In the event EC3 or EC4 appears, the 110/24V step down transformer must be used.

## Totaline® P103-R+ UV System - Dual Voltage 110/240 Volt

The Totaline P103-R+ UV System is designed to be installed in the return or supply air duct to treat the air as it passes through aluminum chamber. The ultraviolet process helps destroy biological contaminants.

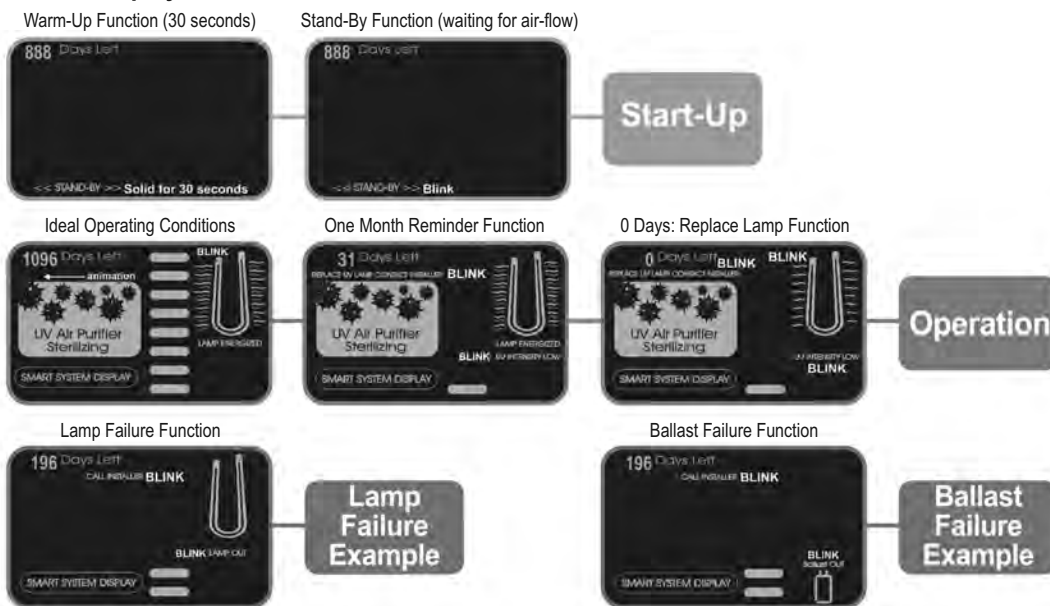
- 3" LCD Display provides system status
  - Electro-Blue Back-Light Display
  - Contractor call back indicator for lamp replacement
  - Lamp out and ballast out visual alarm
  - Warm-Up Function (30 seconds) at start-up
  - Stand-By Function (waiting for air-flow) at start-up
  - Ideal Operating Conditions display during operation
  - One Month Reminder Function display during operation
  - 0 Days: Replace Lamp Function display during operation
- High intensity UV "J" lamp (18" arc length), Turbulator and Reflecting Chamber
- Self cleaning, maintenance free
- 3-Year Lamp life
- Smart ballast automatically switches from 110V to 240V
- Microprocessor controlled for automatic operation
- UV Chamber rotates 360 degrees for up or down-flow systems
- Slim Fit design for easy installation in tight spaces
- 3-year limited replacement warranty
- CAS C/CUC Certified & CE Approved



### Ordering Information

Part Number	Description
P103-R+	UV System
P103GERMLAMP105HI	UV "J" Lamp replacement for the P103-R+ UV System

### 3" LCD Display



## TOTALINE® UVC GERMICIDAL AIR PURIFIERS Totaline Air Purifiers and Coil Cleaners



The Totaline® UVC (Germicidal) Air Purifiers and Coil Cleaners are designed to work with the ventilation system to reduce airborne contaminants such as legionella, molds, bacteria, and viruses. In addition, the units assist in alleviating symptoms associated with asthma, and allergies. They recreate the effects of sunlight by naturally decomposing, destroying and purifying contaminants. Totaline Air Purifiers are available in models to suit both residential and commercial needs.

### FEATURES:

- Produces no ozone, gases or fumes.
- Patented technology, unique “J” shaped lamp.
- Easy installation & No maintenance (excluding bulb changes).
- Multiple installation options permits remote mounting or bypass mounting.
- Test button and inspection port (Commercial in-duct).
- Commercial in-duct models work only when the HVAC blower is functioning.
- Low power consumption and no increase with duct system resistance.
- NRTL/C, CSA Certified, Canada & US.
- 3 year Warranty on residential models.
- LED Indicators on Residential models.



PART NO	ITEM DESCRIPTION
P103-R1700G	ULTRAVIOLET AIR PURIFIER Residential up to 1700 sq. ft. 120/230 volt High Intensity UVC Lamp. Lamp Out, Ballast Out LED indicators. 6" rotatable square tube
P103-R4000G	ULTRAVIOLET AIR PURIFIER Residential up to 4000 sq. ft. 120/230 volt High Intensity UVC Lamp. Vacuum switch, line cord. Lamp Out, Ballast Out, Power, Vacuum Switch Energizes LED indicators. 6 rotatable square tube
P103-R4000GB	ULTRAVIOLET AIR PURIFIER Residential up to 4000 sq. ft. 120/230 volt High Intensity UVC Lamp .NO VACUUM SWITCH, NO LINE CORD. Lamp Out, Ballast Out LED indicators. 6" rotatable square tube.
P103-QUATTRO	UV Array consists of 4 – 18" High Intensity 19mm Quartz Lamps mounted on 4 Alum. Parabolic Reflectors. Mounts similar to P103-CT200G. NOTE: Duct must be lined with aluminum sheeting, Bio-Film or equivalent) where the array is placed. 110-220 volt
P103-R1500G	ULTRAVIOLET AIR PURIFIER Residential up to 1500 sq. ft. 120/230 volt
P103-R3500G	ULTRAVIOLET AIR PURIFIER Residential up to 3500 sq. ft. 120/230 volt
P103-SABER12	12" Straight UVC Lamp. With Adjustable Parabolic Reflector. 120/230 volt 3 year Lamp Warranty
P103-SABER18	18" Straight UVC Lamp. With Adjustable Parabolic Reflector. 120/230 volt 3 year Lamp Warranty
P103-CT200G	ULTRAVIOLET AIR PURIFIER Commercial – Industrial applications up to 2000 cfm 120 volt (230 volt add \$45)
P103-CMT100G	Ceiling T-Bar Mount ULTRAVIOLET AIR PURIFIER fit a 2'x2' ceiling tile. Light Commercial application up to 500 sq. ft. 120 volt (230 volt available)
P103-PT900G	PORTABLE AIR PURIFIER Residential / Light Commercial applications up to 900 sq. ft. 120/230 volt
P103-RRPUVL-012	12" Straight UVC Lamp Residential Coil Applications. 120/230 volt. No Parabolic reflector. 1 year Lamp Warranty
P103-RRPUVL-018	18" Straight UVC Lamp Residential Coil Applications. 120/230 volt. No Parabolic reflector. 1 year Lamp Warranty
P103-RTUVL-024	OBJECT PURIFIER. Rooftop Package Unit 24" Lamp with NEMA 4 enclosure 230 volt
P103-RTUVL-030	OBJECT PURIFIER. Rooftop Package Unit 30" Lamp with NEMA 4 enclosure 230 volt
P103-RTUVL-040	OBJECT PURIFIER. Rooftop Package Unit 40" Lamp with NEMA 4 enclosure 230 volt
P103-RTUVL-024NN	OBJECT PURIFIER. Same as RT24 but with NO NEMA 4 enclosure. Includes mounting bracket only. 220 volt
P103-RTUVL-030NN	OBJECT PURIFIER. Same as RT30 but with NO NEMA 4 enclosure. Includes mounting bracket only. 220 volt
P103-BIOBARRIER40	UV Array consists of 5 – 40" High Intensity 19mm Quartz Lamps mounted on 5 Alum. Parabolic Reflectors. Ballast box mounts outside of duct. NOTE: Duct must be lined with aluminum sheeting, Bio-Film or equivalent) where the array is placed. 120 volt
P103-BIOBARRIER50	UV Array consists of 5 – 50" High Intensity 19mm Quartz Lamps mounted on 5 Alum. Parabolic Reflectors. Ballast box mounts outside of duct. NOTE: Duct must be lined with aluminum sheeting, Bio-Film or equivalent) where the array is placed. 120 volt
P103-BIOBARRIER60	UV Array consists of 5 – 60" High Intensity 19mm Quartz Lamps mounted on 5 Alum. Parabolic Reflectors. Ballast box mounts outside of duct. NOTE: Duct must be lined with aluminum sheeting, Bio-Film or equivalent) where the array is placed. 120 volt
P103-S1000G	COMBINATION FILTER/ULTRAVIOLET AIR PURIFIER 20"x20"x40" Aluminium Casing. Commercial, Industrial, Hospital Applications. 1000cfm.
P103-CCIL12	COIL CLEAN OBJECT PURIFIER. Inside Air Handler for HVAC Coils. 12" long 120 /230 volt
P103-CCIL18	COIL CLEAN OBJECT PURIFIER. Inside Air Handler for HVAC Coils. 18" long 120/230 volt
P103-CCIL24	COIL CLEAN OBJECT PURIFIER. Inside Air Handler for HVAC Coils. 24" long 120 volt (IL24-25: 230 volt)
P103-CCIL30	COIL CLEAN OBJECT PURIFIER. Inside Air Handler for HVAC Coils. 30" long 120 volt (IL30-25: 230 volt)
P103-CCIL40	COIL CLEAN OBJECT PURIFIER. Inside Air Handler for HVAC Coils. 40" long . 120 volt (IL40-25: 230 volt)
P103-CCIL50	COIL CLEAN OBJECT PURIFIER. Inside Air Handler for HVAC Coils. 50" long 120 volt (IL50-25: 230 volt)
P103-CCIL60	COIL CLEAN OBJECT PURIFIER. Inside Air Handler for HVAC Coils. 60" long . 120 volt (IL60-25: 230 volt)
P103-B30G	COMBINATION AIR/OBJECT PURIFIER for BARD wall mount unit Easy Mounting aftermarket unit. 230 volt
P103-CMU16	ULTRAVIOLET AIR PURIFIER for Return Plenum Filter Box. Residential application for return ducts of up to 18" diameter. 120/230 volt

## TOTALINE® UVC GERMICIDAL AIR PURIFIERS Totaline Air Purifiers and Coil Cleaners

PART NO	ITEM DESCRIPTION
P103-CMU24	ULTRAVIOLET AIR PURIFIER for Return Plenum Filter Box. Residential application for return ducts of up to 24" diameter. 120/230 volt
P103-HRV-6-GX	ULTRAVIOLET AIR PURIFIER for Heat Recovery Ventilation system 6" dia Residential application 120/230 volt
P103-HRV-8-GX	ULTRAVIOLET AIR PURIFIER for Heat Recovery Ventilation system 8" dia Residential application 120/230 volt
P103-HFXHEPAUV	Whole House HEPA/UV. Attaches to HVAC Duct, OR STAND ALONE. 200/300 cfm Blower

### Options for Totaline Air Purifiers and Coil Cleaners

PART NO	ITEM DESCRIPTION
P103-REMINISKIT001	Remote wiring kit for R1500G, R3500G and C2000G
P103-REMINSKT005	Remote mounting kit for R1700, R4000G, R4000G-B
P103-S1000G-25-CRKIT	S1000FG Clean Room Option consists of 1-Filter99, 1-SANX052 Ballast, 1-SAN-T6-022 16" Straight Germicidal Lamp. Hospital Operating Room, etc Applications
P103-FIBER15	1" Fiberglass Ductboard kit for mounting of Model R1500G,
P103-FIBER35	1" Fiberglass Ductboard kit for mounting of Model R3500G,
P103-GERMLAMP004	T6 Germicidal (UVC) 6.5" UV "J" Lamp for P103-CMT100G, P103-P800G, P103-R1500G, P103-HRV-6G, P103-CMU-18G, P103-PT900
P103-GERMLAMP005	T6 Germicidal (UVC) 10.5" UV "J" Lamp for P103-R3500G, P103-HRV-8G, P103-CMU24G
P103-GERMLAMP006	T6 Germicidal (UVC) 16" UV "J" Lamp for P103-CT200G, P103-S1000FG
P103-GERMLAMP007	T6 High Intensity Germicidal (UVC) 30" Straight UV Lamp for P103-RT30, P103-RT30-NN, P103-B30, P103-IL30
P103-GERMLAMP008	T6 High Intensity Germicidal (UVC) 20" x 20" "L" shape UV Lamp for 2020G (each)
P103-GERMLAMP009	T6 Germicidal (UVC) 12" Straight UV Lamp for Fusion 12, SABER APR 12
P103-GERMLAMP010	T6 Germicidal (UVC) 18" Straight UV Lamp for Fusion 18, SABER APR 18
P103-GERMLAMP011	T6 High Intensity Germicidal (UVC) 24" Straight UV Lamp for P103-RT24, P103RT24-NN, P103-IL24
P103-GERMLAMP12 HI	T6 High Intensity Germicidal (UVC) 12" Straight UV Lamp for P103-CCIL12
P103-GERMLAMP18 HI	T6 High Intensity Germicidal (UVC) 18" Straight UV Lamp for P103-CCIL18, P103-Quattro
P103-GERMLAMP40	T6 High Intensity Germicidal (UVC) 40" Straight UV Lamp for P103-BIO40, P103-CCIL40
P103-GERMLAMP50	T6 High Intensity Germicidal (UVC) 50" Straight UV Lamp for P103-BIO50, P103-CCIL50
P103-GERMLAMP60	T6 High Intensity Germicidal (UVC) 60" Straight UV Lamp for P103-BIO60, P103-CCIL60
P103-GERMLAMP105 HI	High Intensity 10.5 J Lamp For P103-R4000G, P103-R400G-B, P103-HEPA/UV
P103-GERMLAMP65 HI	High Intensity 6.5 J Lamp for P103-R1700G,
P103-BALLAST-002	Ballast for C2000X, S1000FG
P103-BALLAST-004	120/230 volt Ballast for SABER12, SABER18, HRV-6, HRV-8, CMU-18, CMU-24, IL12, IL18, R1500G, R3500G
P103-BALLAST-005	230 Volt Electronic Ballast for RT24, RT30, RT40, RT24-NN, RT30-NN, RT40-NN, IL24, IL30, IL40
P103-BALLAST-006	Ballast for P103-CC2020
P103-BALLAST-015	120 Volt Electronic Ballast for CCIL24/30/40
P103-BALLAST-016	230 Volt Ballast for P103-CCIL24/30/40
P103-BALLAST-017	230 Volt Ballast for P103-CC2020, P103-B30G
P103-BALLAST-163	120/230 volt Ballast with LED's for R1700, R4000, Quattro, HEPA/UV, SABER APR12, SABER APR 18,
P103-BALLAST-220	230 Volt Electronic Ballast for 2020G, B30X
P103-BALLAST-BIOBARRIER	120 Volt Ballast for BIO40G, BIO50G, BIO60G, IL50, IL60 (Available 220 volt and 277 volt)
P103-SPDCNTL-PT900	Speed Control for P103-PT900G
P103-SPDCNTL-159	Speed Control for S1000FG, 120V
SAN-C002	Turbulator for P103-R3500G, P103-R200G
SAN-S307	Turbulator for P103-R1700, P103-R4000G, P103-R4000G-B
P103-SVX-230	Pre-filter for P103-HEPA/UV
P103-SVX231	HEPA Filter for 103-HEPA/UV
SANX010	Foam Filter (inlet) for P103-PT100G
SANX010-1	Carbon Filter (outlet) for P103-PT100G P103-PT800G
SANX010-2	Polypropylene Filter (Inlet) for CMT100G
SANX010-3	Carbon Filter (Outlet) for CMT100G
SANX010-04	Metal Filter for P103-PTP800G

## TOTALINE® UVC GERMICIDAL AIR PURIFIERS Totaline Air Purifiers and Coil Cleaners

### Options for Totaline Air Purifiers and Coil Cleaners

PART NO	ITEM DESCRIPTION
P103-CUTOFFSWITCH	Micro Switch for B30G
SANX015	Motor for P103-PT100G
P103-MTR8	Motor for P103-PTP900G
P103-SVX-235	Motor for P103-HEPA/UV
SANX059	Fuse Holder for R3500G, C2000G, S1000FG
SANX062	3 amp fuse for Fuse Holder SANX059 for R3500G, C2000G,
SANX011	Plastic Grill (inlet) for P103-PT100G
SANX085	Female connector for Ultraviolet Lamp

### Replacement Parts Information for Totaline Air Purifiers

PART NO	ITEM DESCRIPTION
P103-GERMLAMP004	Germicidal "J" Lamp for P103-PT100G, P103-CMT100G, P103-R1500G, P103-CMU16
P103-GERMLAMP005	Germicidal "J" Lamp for P103-R3500G, P103-CMU24
P103-GERMLAMP006	Germicidal "J" Lamp for P103-CT200G, P103-S1000G-25
P103-GERMLAMP007	Lamp for P103-RTUVL-030, P103-CCIL30, P103-B30G
P103-GERMLAMP008	Lamp for P103-CC2020
P103-GERMLAMP009	Lamp for P103-RRPUVL-012
P103-GERMLAMP010	Lamp for P103-RRPUVL-018
P103-GERMLAMP011	Lamp for P103-RTUVL-024, P103-CCIL24
P103-GERMLAMP014	Lamp for P103-CCIL12
P103-GERMLAMP015	Lamp for P103-CCIL18
P103-GERMLAMP40	Lamp for P103-BIOBARRIER40, P103-CCIL40
P103-GERMLAMP50	Lamp for P103-BIOBARRIER50, P103-CCIL50
P103-GERMLAMP60	Lamp for P103-BIOBARRIER60, P103-CCIL60
P103-BALLAST-001	Ballast for P103-R3500G
P103-BALLAST-002	Ballast for P103-CT200G, P103-S1000G-25
P103-BALLAST-003	Ballast for P103-PT100G, P103-CMT100G, P103-R1500G
P103-BALLAST-004	Ballast for P103RRPUVL-012/018
P103-BALLAST-005	Ballast for P103-RTUVL-024/030
P103-BALLAST-006	Ballast for P103-CC2020
P103-BALLAST-015	120 Volt Ballast for P103-CCIL24/30/40
P103-BALLAST-016	230 Volt Ballast for P103-CCIL24/30/40
P103-BALLAST-017	230 Volt Ballast for P103-CC2020 P103-B30G
P103-BALLAST-BIOBARRIER	Ballast for Bio-Barrier 40", 50", 60"
P103-SPDCNTL-001	Speed Control for P103-PT100G
P103-VACUSTSW001	Vacuum Starting Switch for P103-CT200G
SAN-C002	Turbulator
P103-S1000G-25	99.97% HEPA Replacement Filter for P103-S1000G-25

### Merchandisers

PART NO	ITEM DESCRIPTION
P103-R4000G	R4000G Air Purifier and Display Case

## TOTALINE® RESIDENTIAL - LIGHT COMMERCIAL IN-DUCT AIR PURIFIER



The Totaline® P103-R1500G and P103-R3500G are designed to be installed on the supply side of the return air duct. As the airflow passes through the P103-R3500G Chamber, the ultraviolet process helps to destroy biological contaminants

MODEL / PART NO	P103-R1500G	P103-R3500G
Application	Residential	Residential/Light Commercial
Purifying Capacity	1500 sq. ft.	3500 sq ft.
Outside Dimensions	9.5 x 8 in. (241 x 203 mm)	12 x 8 in. (305 x 203 mm)
Plenum Opening Requirements	8 x 6 in. (203 x 152 mm)	11 x 6 in. (269 x 152 mm)
Weight	4.4 lbs (2 kg)	12 lbs (5.5 kg)
Power Requirements	120V,15Watts	120V,25Watts
Hardwire	YES	YES
Germicidal UV Single Zone Lamp	YES	YES
Lamp Diameter	19 mm	19 mm
Proprietary UV J Lamp Dimensions	6.5 in. (165 mm)	10.5 in. (267 mm)
Lamp Arc Length	10.5 in. (267 mm)	17.7 in. (450 mm)
Air Exposure Time to UV Lamp — Per Pass: in milliseconds @ 500 ft per minute	180	240
On High Speed	NA	NA
On Low Speed	NA	NA
UV Intensity Inside Aluminum Tube/Housing	7456 Microwatts per/cm2	12,176 Microwatts per/cm2
Fan Speed	NA	NA
Noise Level @ 5ft	NA	NA
Aluminum UV Reflector	5 x 7.875 in. Tube (127 x 200 mm)	5 x 12 in. Tube (127 x 305 mm)
Inlet/Outlet Filter	NA	NA
Construction	Steel/Powder Coat Paint	Steel/Powder Coat Paint
Certification	NRTL/C, CSA	NRTL/C, CSA
Options	Remote Installation Kit	Remote Installation Kit
Residential Warranty: 3-Year Including UV Lamp and Parts	YES	YES
Commercial Warranty: 12,000 hrs on UV Lamp 1-Year on Parts	NA	NA

Compressors,  
Chillers, Condensers

Motors

Electrical

Heating  
Components

Indoor Air  
Quality

Thermostats

Oils &  
Chemicals

Accessories, Supplies  
& Commodities

Tools &  
Instruments

Refrigeration

Compressors, Chillers, Condensers  
 Motors  
 Electrical  
 Heating Components  
 Indoor Air Quality  
 Thermostats  
 Oils & Chemicals  
 Accessories, Supplies & Commodities  
 Tools & Instruments  
 Refrigeration

## TOTALINE® RESIDENTIAL-LIGHT COMMERCIAL IN-DUCT AIR PURIFIER



The Totaline® P103-R1700G, P103-R4000GB, and the P103-R4000G are designed to be installed on the supply side of the return air duct. As the airflow passes through the Aluminum Chamber, the ultraviolet process helps to destroy biological contaminants. The LED “Smart System” monitors the status of the UV purifier.

MODEL / PART NO	P103-R1700G	P103-R4000GB	P103-R4000G
Purifying Capacity	1700 sq. ft.	4000 sq ft.	4000 sq ft.
Outside Dimensions (in)	9.5 x 7.75 x 12	13.5 x 8 x 12	13.5 x 8 x 12
Weight (lbs)	4.5	8	8
Power	110 / 220v	110 / 220v	110 / 220v
Watts / Amperage	27w / 730mw	37w / 650mw	37w / 650mw
Starting	Hardwire to Air Handler	Hardwire to Air Handler	Air Pressure Sensor
Line Cord	No	No	Yes
UV Lamp Type	Proprietary High Intensity 19mm Mercury Vapor	Proprietary High Intensity 19mm Mercury Vapor	Proprietary High Intensity 19mm Mercury Vapor
UV Wavelength	254nm	254nm	254nm
UV Lamp Configuration	J-Shaped	J-Shaped	J-Shaped
UV Lamp Length (in)	6.5	10.5	10.5
UV Arc Length (in)	10.5	17.7	17.7
Internal Lamp coating to prevent Solarization	Yes	Yes	Yes
Reflector	6" Aluminum Square Tube	6" Aluminum Square Tube	6" Aluminum Square Tube
Average Microwatt Intensity inside aluminum reflector	10,212	16,479	16,479
Lamp Change Out Time	3 Years	3 Years	3 Years
Lamp Warranty	3 Years	3 Years	3 Years
Purifier Warranty	3 Years	3 Years	3 Years
Construction	Steel / Powder Coat Paint	Steel / Powder Coat Paint	Steel / Powder Coat Paint

## TOTALINE® COMMERCIAL IN-DUCT AIR PURIFIER

The Totaline® P103-CT200G is a commercial air purifier. With a powerful UVC source, the P103-CT200G is designed to be installed on the supply side of the return air duct. Air passes through the chamber and the ultraviolet process helps destroy the biological contaminants.

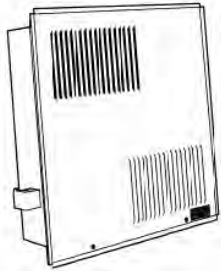


MODEL / PART NO	P103-CT200G
Application	Commercial
Purifying Capacity	2000 cfm
Outside Dimensions	20 x 9 in. (508 x 228 mm)
Plenum Opening Requirements	18 x 7 in. (457 x 178 mm)
Weight	15 lbs (6.8 kg)
Power Requirements	120 V, 45 Watts
Hardwire	Optional
Germicidal UV Single Zone Lamp	YES
Lamp Diameter	19 mm
Proprietary UV J Lamp Dimensions	16 in. (406 mm)
Lamp Arc Length	31.2 in. (793 mm)
Air Exposure Time to UV Lamp — Per Pass: in milliseconds @ 500 ft per minute	400
UV Intensity Inside Aluminum Tube/Housing	9497 Microwatts per/cm2
Aluminum UV Reflector	7 x 19 in. Tube (178 x 483 mm)
Construction	Steel/Powder Coat Paint
Certification	NRTL/C, CSA
Options	Remote Installation Kit
Commercial Warranty: 12,000 hrs on UV Lamp 1-Year on Parts	YES

Sizing Guidelines  
 Offices, Schools and Commercial Applications: 1 per 2000 cfm  
 Hospitals, Labs, and Areas Requiring High Germicidal Doses: 1 per 1000 cfm

## TOTALINE® CEILING TILE MOUNT AIR PURIFIER

The Totaline® P103-CMT100G ceiling tile mount UV air purifier is an innovative design. The P103-CMT100G's space saving 24" x 24" design easily installs in the opening of a ceiling tile. Quiet operation and its ability to purify an area of up to 4,000 cubic feet using a patented UV process, makes this purifier the ideal solution for indoor air quality problems.



MODEL / PART NO	P103-CMT100G
Application	Commercial Ceiling Tile
Purifying Capacity	500 sq. ft
Outside Dimensions	24 x 24 x 9 in. (610 x 610 x 229 mm)
Plenum Opening Requirements	NA
Weight	28 lbs (13 kg)
Power Requirements	120V, 26 Watts
Hardwire	YES
Germicidal UV Single Zone Lamp	YES
Lamp Diameter	19 mm
Proprietary UV J Lamp Dimensions	6.5 in. (165 mm)
Lamp Arc Length	10.5 in. (267 mm)
On Low Speed	160 milliseconds
UV Intensity Inside Aluminum Tube/Housing	7270 Microwatts per/cm2
Fan Speed	71 cfm
Noise Level @ 5ft	Less than 49 dBA
Aluminum UV Reflector	21 x 7 x 9 in. Box (533 x 178 x 229 mm)
Inlet/Outlet Filter	14 x 8 Polypropylene 14 x 8 Activated Carbon
Construction	Steel/Powder Coat Paint
Certification	NRTL/C, CSA
Options	220 Volt Operation
Commercial Warranty:12,000 hrs on UV Lamp 1-Year on Parts	YES

## TOTALINE® CEILING MOUNT UVC GERMICIDAL AIR PURIFIER



The Totaline® Ceiling Mount UVC Air Purifier mounts in the return plenum filter box just before the filter. The UVC germicidal lamp is housed in an Aluminum Reflecting Box which intensifies the UV energy. The CMU reduces biological and chemical contaminants that travel through the system. The unit is equipped with a Safety Cut-Off switch which disconnects power when the filter is removed. The P103-CMU18 is for use in a plenum filter box with a return duct up to 18" diameter and the P103-CMU24 is for a filter box with a return duct between 20" and 24" diameter. Please Note, the filter box is not included with either CMU unit.

<b>DIMENSIONS</b>	19-1/2 in. x 16-3/4 in. x 4-3/4 in. (493 x 418 x 118 mm)
<b>MINIMUM FILTER BOX SIZE</b>	20 in. x 20 in. x 6 in. (504 x 504 x 126 cm)
<b>WEIGHT</b>	6 lbs (2.7 kg)
<b>POWER REQUIREMENTS</b>	120 / 230V, 15 Watts 25 Watts
<b>P103-CMU18 UV LAMP</b>	J Type (Proprietary) Ultraviolet Lamp, 19 mm Diameter, Length 6.5 in. (165 mm)
<b>LAMP ARC LENGTH</b>	10.5 in. (267 mm)
<b>P103-CMU24 UV LAMP</b>	J Type (Proprietary) Ultraviolet Lamp, 19 mm Diameter, Length 10.5 in. (267 mm)
<b>LAMP ARC LENGTH</b>	17.7 in. (450 mm)
<b>UV REFLECTOR</b>	Aluminum Reflector Box
<b>AIRFLOW</b>	Depends on Air Handler
<b>INSTALLATION</b>	Ceiling filter box Lay-in
<b>WARRANTY</b>	3 Years including lamp

## TOTALINE® PORTABLE AIR PURIFIER



The Totaline® P103-PT900G is designed to be the most versatile purifier on the market, reducing biological contaminants, with all the benefits of patented ultraviolet technology in a portable purifier weighing only 11 lbs. The P103-PT900G is equipped with a built in electronic timer that can be set up to 9 hourly settings, or set to run continuously, as well as a 9 speed electronic motor control. Easily transported & includes a removable stand. The PT900G will purify up to 900 sq. ft. and is ideal for anyone needing a cost effective solution or for those who work in offices or do not have a forced air system.

MODEL / PART NO	P103-PT900G
Application	Portable
Purifying Capacity	900 sq. ft.
Outside Dimensions	3.75 x 11.6 x 18.75 in (95 x 294 x 476 mm)
Plenum Opening Requirements	NA
Weight	11 lbs (5.0 kg)
Power Requirements	120 / 230V, 85 Watts
Hardwire	NA
Germicidal UV Single Zone Lamp	YES
Lamp Diameter	19 mm
Proprietary UV J Lamp Dimensions	6.5 in. (165 mm)
Lamp Arc Length	10.5 in. (267 mm)
Air Exposure Time to UV Lamp — Per Pass: in milliseconds @ 500 ft per minute	NA
On High Speed	25 milliseconds
On Low Speed	116 milliseconds
UV Intensity Inside Aluminum Tube/Housing	7380 Microwatts per/cm2
Fan Output	40/75 cfm variable
Fan Speeds	9
Electronic Timer	1 – 9 hrs & continuous
Noise Level @ 5 ft	High 60 dBA, Low 49 dBA
Aluminum UV Reflector	2.5 x 8.5 x 9 in. Box (63.5 x 215.9 x 228.6 mm)
Inlet/Outlet Filter	Aluminum Mesh
Construction	Steel/Powder Coat Paint
Certification	NRTL/C, CSA
Stand	Included
Residential Warranty: 3-Year Including UV Lamp and Parts	YES
Commercial Warranty: 12,000 hrs on UV Lamp 1-Year on Parts	NA

## TOTALINE® UVC GERMICIDAL OBJECT IRRADIATORS



PART NO: P103-SABER12  
P103-SABER18

### RESIDENTIAL

The Totaline® Saber Ultraviolet Air Purifier which employs a High Intensity Quartz UV Germicidal Lamp to destroy biological contaminants such as mold, bacteria and viruses; it is designed to kill. The Totaline® Saber uses UVC Energy to slice through the air, destroying the biological contaminants which come in contact with the "Kill Zone". It is available in two sizes, a 12" or 18" lamp, depending on duct size, and is installed in the return plenum, limiting the amount of contaminants that come in contact with the filter and coil. Because the unit uses a high intensity 19 mm quartz lamp, only one lamp is needed, while other manufacturers need multiple lamps to obtain the same intensity. This is an added benefit, as lamp changes will be limited to one not two or more lamps per year. Extremely simple to install with lamp changes taking just seconds, it is a cost-effective method for home purification.



PART NO: P103-RTUVL-024  
P103-RTUVL-030

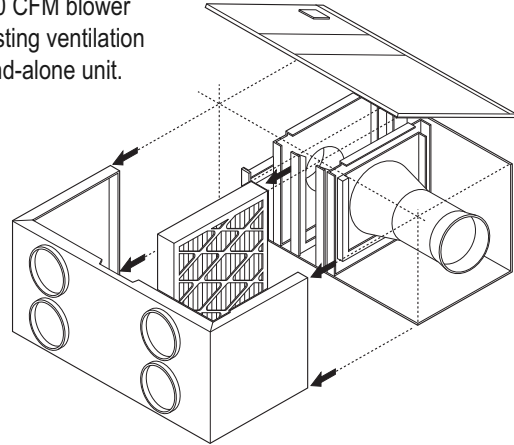
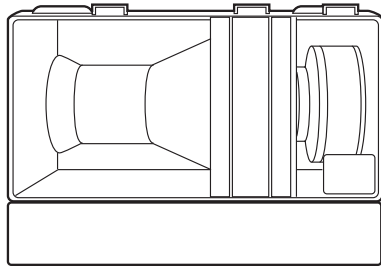
### COMMERCIAL

The Totaline® CoilClean RT is specifically designed for exterior rooftop HVAC units. The CoilClean RT employs technology to reduce biological contaminants including mold and fungus on the A/C coil. It uses a weatherproof NEMA 4X Housing, a high-intensity 19 mm quartz germicidal lamp and an aluminum parabolic reflector to direct and intensify the UV energy that would otherwise be lost, ensuring a coil free from microbial growth. No other company offers a complete line of high efficiency UV Air Purifiers and Coil Cleaners to suit virtually any commercial application.

## TOTALINE® AIR PURIFIER & FILTER



The S1000G-25 is a combination Ultraviolet/Filter Air Purifier. It is designed to destroy harmful pollutants and biological contaminants. This unit consists of one 16" UVC "J" shaped lamp, two 1" prefilters and one 4" 95% efficient ASHRAE filter. In addition to the patented UV process, the S1000G-25 Clean Room option is also available and includes an extra 16" UVC "J" shaped lamp (making a total of two for even more purification), and changing the 95% filter for a 99.97% HEPA filter. The clean room option is typically used for hospitals, day care centers, etc. This unit is equipped with a 1750 CFM blower and can be installed into the existing ventilation system or can be used as a stand-alone unit.



MODEL / PART NO	P103-S1000G
Outside Dimensions	20 x 20 x 41 in.
Mounting	3 sets of four 1/4 in. threaded mounting brackets
Weight	59 lbs
Air Inlets	2 x 8 in.
Air Outlets	2 x 8 in.
Power Requirements	120 Volt, 360 Watts, 60 Hz
Power Rating	1750 CFM
Airflow Under load	1000 + CFM
UV Lamp Dimensions	"J" Type (Proprietary) Ultraviolet Split Lamp 19 mm dia. x 16 in.
Lamp Arc Length	31.2 in.
Air Exposure Time to UV Lamp Per Pass	43 milliseconds
UV Intensity Inside UV Reflector	8,740 microwatts per/cm <sup>2</sup>
UV Reflector	10 x 20 in. Aluminum
Outlet Noise Level @ 5 ft (no duct attached)	59 dBA
Enclosure Noise Level @ 5 ft	54 dBA
Prefilters (2)	20 x 20 x 1 in. media filter
Main Filter	19.5 x 19.5 x 4 in., 93% ASHRAE
Chassis & Paint	Aluminum, Powder Coat
Options	Various 19.5 x 19.5 x 4 in. Media Filters, Clean Room Option w/Extra Lamp & HEPA filter

Compressors,  
Chillers, Condensers

Motors

Electrical

Heating  
Components

Indoor Air  
Quality

Thermostats

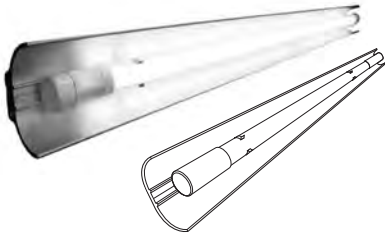
Oils &  
Chemicals

Accessories, Supplies  
& Commodities

Tools &  
Instruments

Refrigeration

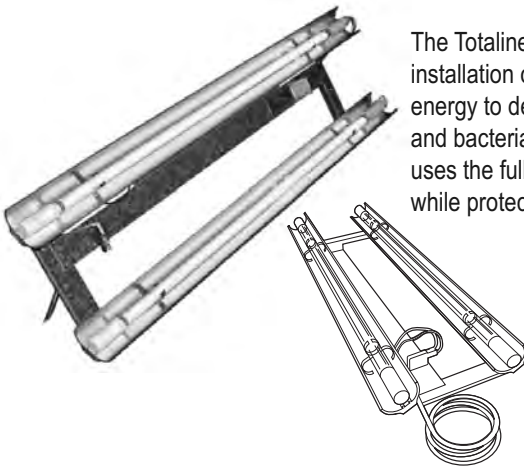
## TOTALINE® COMMERCIAL UV GERMICIDAL COIL CLEANERS



The CoilClean IL is designed to be installed facing the return or supply side of Commercial HVAC coils reducing microbial growth. The Aluminum Parabolic Reflector directs all of the available UV energy onto the coil. The CoilClean In-Line is available in sizes ranging from 12" to 60", depending on coil size. A combination of CoilClean IL's can be used in order to bathe any coil with UVC Germicidal light. Can be supplied with electronics and software to remote monitor each CoilClean IL via the building automation system.

Housing:	Anodized Aluminum Parabolic Reflector
Weight:	Depends on length. Range from 2.5 lbs (1.14 Kg) to 14 lbs (6.36 Kg)
Power Requirements:	120V, 220V AC or 277V AC. Amperage varies from 420 mA -1060 mA
Starting:	Hardwired to HVAC air handler unit
Ballast:	Electronic Rapid Start Ballast. Ballast is potted to protect from corrosion
UV Lamp:	High Intensity 19mm. Germicidal Pure Fused Quartz
UV Lamp Features:	Quartz Glass, 19mm dia. Internally coated to prevent Solarization
UV Lamp Length:	12, 18, 24, 30, 40, 50, and 60 inch lengths
UV Intensity in uw/cm <sup>2</sup> (microwatts):	Depends on length
Parabolic Aluminum Reflector:	Depends on length
Certifications:	NRTL/C, CSA
Warranty:	Lamp 12,000 hrs. Ballast 5 years. Lamp change-out : 17,000 operating hrs.

## TOTALINE® COMMERCIAL UV GERMICIDAL AIR PURIFIER/COIL CLEANER



The Totaline® P103-B30G UV Air Purifier/Coil Cleaner is designed for easy after market installation on Bard and equivalent Wall Mount HVAC units. The P103-B30G uses UV-C energy to destroy biological contaminants such as mold, mildew, fungus, spores, viruses and bacteria without producing ozone. The patent pending Parabolic Reflector/Shield uses the full 360 degrees of UV light to eradicate contaminants in the air and on the coil while protecting plastics and people from the UV exposure.

### FEATURES:

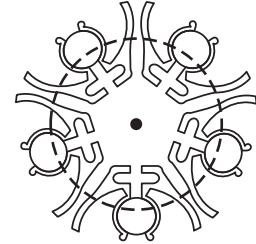
- Easy aftermarket installation.
- Treats the air and destroys mold on the coil.
- Eradicates viruses and bacteria.
- Patent Pending Parabolic Reflector increases intensity.
- Shields eyes from UV exposure.
- Protects motor windings, plastics and people from UV exposure.

MODEL / PART NO	P103-B30G
Dimensions	30.625 x 10.5 inches (778 mm x 266.7 mm)
Weight	10 lbs. (4.5 kg)
Power Requirements	208/230 VAC
Ballast	Electronic Rapid Start
Safety	Power Interlock Switch
UV Lamps (2)	High Intensity 19 mm Germicidal Pure Fused Quartz
UV Lamp Features	Internally Coated to prevent Solarization
UV Lamp Length	30 inches (763 mm)
UV Intensity in Fw/cm <sup>2</sup> (Microwatts)	360 Microwatts per cm <sup>2</sup> at 1 Meter
Parabolic Reflectors (2)	30.625 inches (778 mm) Length

## TOTALINE® COMMERCIAL UV GERMICIDAL BIOBARRIER



The Patented UV BioBarrier are individual UV Arrays which work together in providing a “barrier wall” of Germicidal UV Energy which will kill up to 99.9% of biological contaminants which pass through it. Each BioBarrier has 5 High Intensity 19mm Quartz Lamps which are mounted to Parabolic Reflectors that reflect a full 360° of Germicidal Radiation. The BioBarrier is mounted parallel to the air stream in order to maximize the contaminant’s contact time with the UV Energy. The number & size (offered in either 40”, 50”, or 60” lengths) of the Arrays will depend on the size of the duct, the velocity of the air moving within the duct the specific contaminants to be treated, the desired percent kill, and the amount of outside air. The BioBarrier can be remotely monitored for lamp on/off conditions, lamp run time for up to 32 BioBarriers and uses an RS485 connection.



An RS232 to RS485 converter is available.

MODEL	P103-BIOBARRIER40	P103-BIOBARRIER50	P103-BIOBARRIER60
Application	Commercial	Commercial	Commercial
Overall Diameter	4.0 Inches	4.0 Inches	4.0 Inches
Cone Diameter	3.5 Inches	3.5 Inches	3.5 Inches
<b>Length:</b>			
Bio-Barrier	46.5 Inches	56.5 Inches	66.5 Inches
Ballast Box	22.5 x 9.5 Inches	22.5 x 9.5 Inches	22.5 x 9.5 Inches
Aluminum Parabolic Reflectors	5 Reflectors	5 Reflectors	5 Reflectors
High Intensity UVC Lamps	5 UVC Lamps	5 UVC Lamps	5 UVC Lamps
Weight : Bio-Barrier	15 lbs.	17 lbs.	19 lbs.
Weight: Ballast Box	14 lbs.	14 lbs.	14 lbs.
Power Requirements	120 V AC or 277 V AC 50/60 Hz, 5.5 Amps	120 V AC or 277 V AC 50/60 Hz, 6.5 Amps	120 V AC or 277 V AC 50/60 Hz, 7.5 Amps
High Intensity UV Lamp	Germicidal Pure Fused Quartz	Germicidal Pure Fused Quartz	Germicidal Pure Fused Quartz
Lamp Diameter	19 mm	19 mm	19 mm
Lamp Length	40 Inches	50 Inches	60 Inches
UV Intensity in uw/cm2 (microwatts) Per Lamp	540 microwatts per/ cm2 at 36 Inches	600 microwatts per/ cm2 at 36 Inches	660 microwatts per/ cm2 at 36 Inches
Combined UV Intensity in uw/cm2 (microwatts)	2700 microwatts per/ cm2 at 36 Inches	3000 microwatts per/ cm2 at 36 Inches	3300 microwatts per/ cm2 at 36 Inches
Ballast	Electronic Instant Start	Electronic Instant Start	Electronic Instant Start
Wire Set (Pairs)	(5) Color, 20 ft, 18 AWG 19 Strand UL1716 Teflon Wire	(5) Color, 20 ft, 18 AWG 19 Strand UL1716 Teflon Wire	(5) Color, 20 ft, 18 AWG 19 Strand UL1716 Teflon Wire
Electronic Counter	Resettable Hour Accumulating Counter for Each Lamp	Resettable Hour Accumulating Counter for Each Lamp	Resettable Hour Accumulating Counter for Each Lamp
LED Indicators	LED Indicators for Each Lamp	LED Indicators for Each Lamp	LED Indicators for Each Lamp
Audible Buzzer	Indicates “Lamp Out” Condition	Indicates “Lamp Out” Condition	Indicates “Lamp Out” Condition
Commercial Warranty	10,000 Hours on UV Lamp 1 Year on Parts	10,000 Hours on UV Lamp 1 Year on Parts	10,000 Hours on UV Lamp 1 Year on Parts
Remote Monitor Capability	Included	Included	Included

Compressors,  
Chillers, Condensers

Motors

Electrical

Heating  
Components

Indoor Air  
Quality

Thermostats

Oils &  
Chemicals

Accessories, Supplies  
& Commodities

Tools &  
Instruments

Refrigeration

## TOTALINE® COMMERCIAL UV INDUCT AIR PURIFIER

### QUATTRO In-Duct UV Air Purifier



The QUATTRO is designed as a Light Commercial / Residential In-Duct UV Air Purifier.

The QUATTRO can treat all the air traveling in the entire duct at one time, destroying up to 99.9% of the biological contaminants in the air stream.

The Destruction rate will depend on the size of the duct, the Speed of the air in the duct and the contaminant to be tracked.

The QUATTRO includes four (4) 18" High-Intensity Pure Fused Quartz UVC Germicidal Lamps that are attached to four (4) Anodized Aluminum Parabolic Reflectors and are mounted parallel to the air-stream.

Adjustable mounting brackets permit the Lamps and Reflectors to be extended up to 15" from the duct wall so the assembly can be positioned in the center of the duct work, creating a wall of Germicidal UV energy up to 24" deep and 30" wide.

\* Available in 40", 50", and 60" lengths (Bio40, Bio50, Bio60)

**Part Number: P103-QUATTRO**

### HFX HEPA Filter / UV Air Purifier



The HFX is designed for applications that require both air filtration and air purification.

The included HEPA Filter is 99.97% effective, trapping particles down to .3 microns in size.

Purification is done through the patented Ultraviolet process. The air is pulled through the UV reflecting box where the air is bombarded with UVC light passing parallel to the lamp, destroying the biological containments. The air is then pulled through the prefilter and finally pushed through the HEPA filter.

The HFX is equipped with a 2-Speed, 200/300 cfm blower. The HFX can be used as a Stand-Alone Filter/Purifier or installed onto the ventilation system to work as a By-Pass.

**Part Number: P103-HFXHEPAUV**

## TOTALINE® FAN & BYPASS HUMIDIFIERS



As warm air passes through the humidifier pad and water flows through it, natural evaporation takes place. This creates comforting humidity which is distributed throughout the house by your forced air heating system.

### FAN-POWERED HUMIDIFIERS

**Model P110-LFP1418** is our most powerful! This is ideal for use in large homes or those with heat pump systems. It is rated to deliver 18 gallons of moisture per day. Easy to install because no bypass connection is needed.

**Compact Model P110-SFP1016A** is ideal for use in smaller, tighter constructed, or well insulated homes. It is rated to deliver up to 16 gallons of moisture per day. Also easy to install because no bypass duct is needed.

### BYPASS HUMIDIFIERS

The bypass humidifiers are designed to operate based on pressure differential of the supply and return ductwork. **Deluxe model P110-LBP2417** is easy to install and is simple to maintain due to front or bottom access panels, yet no motor is needed.

This provides up to 17 gallons of moisture per day for your home.

**Compact model P110-SBP2312** is so small it fits where others cannot. It also outperforms some competitor's bigger units and offers improved comfort and savings. It is easy to maintain through a snap-button access panel. This provides up to 12 gallons of moisture per day for your home. Both bypass models have a built-in damper. This means one less component for you to stock. It also reduces installation time and cost as the dealer does not have to install it in the bypass ductwork.

### Optimal generation of comforting moisture.

Working together, Totaline's water solenoid valve, water metering orifice, water distribution tray and aluminum humidifier pad efficiently generate maximum levels of comforting moisture.

### Simple, Infrequent Maintenance.

Totaline humidifiers are designed for easy serviceability. In most instances it takes less than ½ hour since maintenance (including changing the humidifier pad) is performed once a season. Unlike portables, there are no reservoirs which need to be frequently cleaned and refilled.

### Long Lasting high quality components.

With proper maintenance, your humidifier will last for many years. That's because it's designed with durable UV and corrosion resistant plastic. This plastic resists deterioration even when exposed to Ultraviolet light sources common in many systems today.

### Three humidity control options.

Choose between 3 separate control options; the humidistat, the HumidiTrac and the Thermidistat control. Each option provides precise control of humidity levels in your home.

— P110-0002 with P110-SFP1016A

— 4363 with P110-SBP2312, P110-LFP1418, P110-LBP2417.

### Quiet Operation.

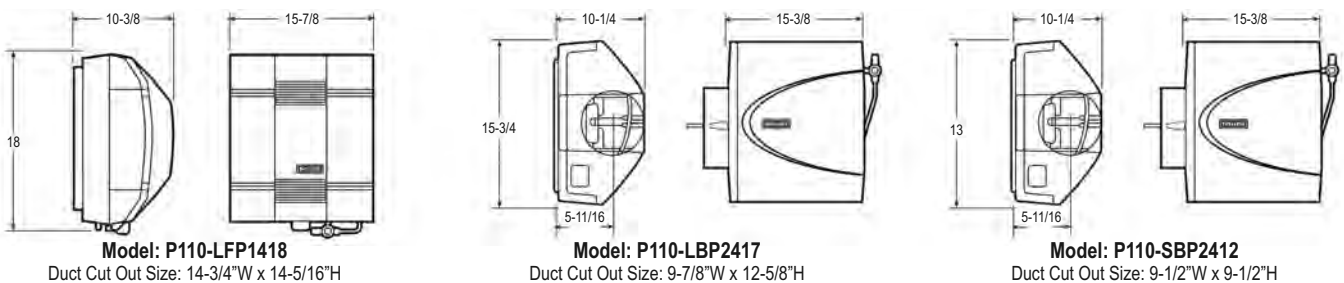
Nearly silent operation is the result of Totaline Humidifier's precision engineered fan and motor combination in the large fan powered unit. In all Totaline units, air is quietly drawn through the humidifier pad which efficiently turns water into water vapor to humidify your home.

### Warranty

Electrical components are covered by a five-year limited warranty and the entire unit is backed by a one-year limited warranty.

PART NO	SIZE (in) (H x W x D)	REPLACEMENT MEDIA
P110-SBP2312	9-7/8 x 9-5/8 x 1-11/16	P110-1045
P110-LBP2417	13 x 10 x 1-11/16	P110-3545
P110-LFP1418	13 x 10 x 1-11/16	P110-3545
P110-SFP1016A	9-3/4 x 9-1/4 x 1-1/4	324897-761

### PHYSICAL DATA



Model: P110-LFP1418

Duct Cut Out Size: 14-3/4"W x 14-5/16"H

Model: P110-LBP2417

Duct Cut Out Size: 9-7/8"W x 12-5/8"H

Model: P110-SBP2412

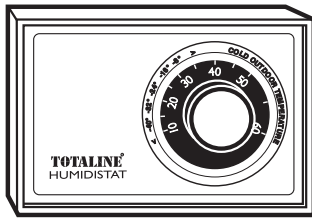
Duct Cut Out Size: 9-1/2"W x 9-1/2"H

## TOTALINE® FAN & BYPASS ACCESSORIES

### REPLACEMENT WATER PADS

PART NO	SIZE (in) (HxWxD)	CARRIER	BRYANT	APRILAIRE	CHIPPEWA	HONEYWELL	TOTALINE	LASKO	HAMILTON	LENNOX	WALTON
P110-1045	9.75 x 10 x 1.75	HUMCCSBP2212, 2312, 2412; HUMCASBP2312, 2412	HUMBBSBP2212, 2312, 2412; HUMASBP2312; HUMBASBP2412	110, 220, 550, 550A, 558	220	HE220A/B, HE225A/B	P110-2312, 2412	5000L, 5000EC, 6000	12HF	WB212	--
P110-1245	11.5 x 14.75 x 1.75	--	--	112, 136, 224, 440, 445, 445A, 448	224, 225, 226	--	--	--	--	--	600, 620, 660
P110-3545	10 x 13 x 1.75	HUMCCLBP2217, 2317, 2417; HUMCALBP2317, 2417; HUMCCLFP1218, 1318; HUMCALFP1318	HUMBBLBP2217, 2317, 2417; HUMBALBP2317, 2417; HUMBBLFP1218, 1318; HUMBALFP1318	350, 360, 560, 560A, 568, 600, 700, 760, 760A, 768	--	HE260A/B, HE265A/B, HE360A/B, ME360, HE365A/B	P110-LBP2417, 2317, P110-LFP1418	--	--	WB217, WP218	--

## TOTALINE® HUMIDIFIER HUMIDISTAT

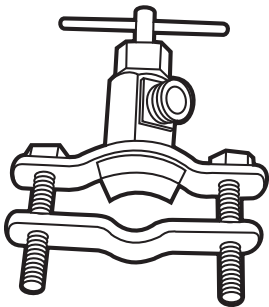


- Universally compatible
- Wall or duct mounted
- Dust proof switch
- 24 volt control voltage
- Adjustable from 0-60% RH

**PART NO: P110-0002**

OUTDOOR TEMPERATURE	-20° F (-29° C)	-10° F (-23° C)	0° F (-18° C)	+10° F (-12° C)	+20° F (-7° C)	OVER +20° F (-7° C)
RECOMMENDED SETTING	15%	20%	25%	30%	35%	40%

## TOTALINE® WATER LINE TAP VALVE



- Self piercing saddle valve for water connection
- For 3/8" – 1-1/4" O.D. tubing
- 1/4" compression fitting

**PART NO: P110-0001**

## HONEYWELL® HUMIDIFIERS

Flexible to fit more applications  
 Multiple snap-into-place configuration options  
 Water and energy savings\* homeowners will invest in  
 Eliminates time-consuming installation steps  
 Easy-access pad replacement for easy maintenance  
 Quiet operation for fewer callbacks  
 Interchangeable bypass to easily change bypass direction  
 Installs in the same space as existing evaporative humidifiers  
 Quick connect gasket for single step plumbing  
 Replacement pad sales create recurring revenues



HE100



HE150



HE300

PART NO	DESCRIPTION
HE100A1000/U	TrueEASE 12 GPD Basic Bypass Evaporative Humidifier
HE150A1005/U	TrueEASE 12 GPD Advanced Bypass Evaporative Humidifier
HE200A1000/U	TrueEASE 17 GPD Basic Bypass Evaporative Humidifier
HE250A1005/U	TrueEASE 17 GPD Advanced Bypass Evaporative Humidifier
HE300A1005/U	TrueEASE 18 GPD Advanced Fan-Powered Evaporative Humidifier

### AREA:

HE100/150: Up to 16,000 cubic feet  
 HE200/250: Up to 20,000 cubic feet  
 HE300: Up to 24,000 cubic feet

### CAPACITY:

At 120°F (49°C) plenum temperature and 0.20 static pressure drop across supply and return:

HE100/150: up to 12 gallons per day (46 lpd)  
 HE200/250: up to 17 gpd (65 lpd)  
 HE300: up to 18 gpd (68 lpd)

### REPLACEMENT PADS

PART NO	DESCRIPTION	MODELS
HC26E1004	Large AgION coated replacement pad	HE200, HE250, HE300
HC26A1008	Large standard replacement pad	HE200, HE250, HE300
HC22E1003	Small AgION coated replacement pad	HE100, HE150
HC22A1007	Small standard replacement pad	HE100, HE150

Compressors,  
Chillers, Condensers

Motors

Electrical

Heating  
Components

Indoor Air  
Quality

Thermostats

Oils &  
Chemicals

Accessories, Supplies  
& Commodities

Tools &  
Instruments

Refrigeration

## HONEYWELL® ELECTRONIC AIR CLEANERS

Advanced 3-Stage Filtration Technology - TrueCLEAN uses an unique three-step process that cleans the air in your home like never before. The Charge-Capture-Destroy process not only captures more particles than traditional media filters, but also deactivates up to 99% of those particles - keeping your home and family safe

Highly Effective - Captures a wide range of particles including airborne dust, pollen, smoke, mold spores and other bacteria

Replace Less Often - Lasts up to four times longer than a standard one-inch furnace filter.

Replace every 6-12 months

Out of Sight, Out of Mind - TrueCLEAN's noiseless operation and out-of-sight installation allows you to enjoy clean air in your home without interfering with your daily life



PART NO	DESCRIPTION	
FH8000F1625/U	TrueCLEAN 16X25 FURNACE MODEL UNIT	1
FH8000F2025/U	TrueCLEAN 20X25 FURNACE MODEL UNIT	1
PART NO	DESCRIPTION	
FH8000A1620/U	TrueCLEAN 16X20 AIR HANDLER UNIT	1
FH8000A2020/U	TrueCLEAN 20X20 AIR HANDLER UNIT	1
FH8000A2025/U	TrueCLEAN 20X25 AIR HANDLER UNIT	1

## REPLACEMENT FILTERS

PART NO	DESCRIPTION	
FR8000F1625/U	TrueCLEAN 16X25 REPLACEMENT FILTER	5
FR8000F2025/U	TrueCLEAN 20X25 REPLACEMENT FILTER	5
FR8000F1620/U	TrueCLEAN 16X20 REPLACEMENT FILTER	5
FR8000F2020/U	TrueCLEAN 20X20 REPLACEMENT FILTER	5
FR8000F2025/U	TrueCLEAN 20X25 REPLACEMENT FILTER	5

## TOTALINE® ELECTRONIC AIR CLEANERS

### TOTALINE® GOLD SERIES ELECTRONIC AIR CLEANERS

The Totaline Gold premium line of Electronic Air Cleaners is easy to install and wire. Contains a built-in Air Flow Sensor that cycles the air cleaner ON/OFF with the system fan. Modular design is user-friendly and easy for the consumer to maintain. Provides year-round comfort along with quiet operation, dependability, and low operating costs.



#### STANDARD FEATURES

- Lifetime Filter System never needs replacing – simply washes clean.
- Electronically removes dust, mites, pollen, tobacco smoke, cooking smoke and grease, mold, fungi, bacteria, viruses and more down to 0.01 micron.
- Light weight aluminum Collecting Cells are durable and easy to maintain.
- Cell guides ensure proper placement of collecting cells.
- Aluminum mesh Prefilters trap large particles like lint and hair.
- Electronic Air Proving Switch provides for quick and easy wiring.
- Field-adjustable, snap-in power board for optimal performance.
- Plug-in 110 Volt Cord (PC model) provides easy installation.
- Dual Indicator Lights show Air Cleaner is working properly at a glance.
- Galvanized heavy gauge steel cabinet for solid horizontal or vertical installations.
- Durable, scratch resistant powder coat paint finish.

#### OPTIONS AVAILABLE

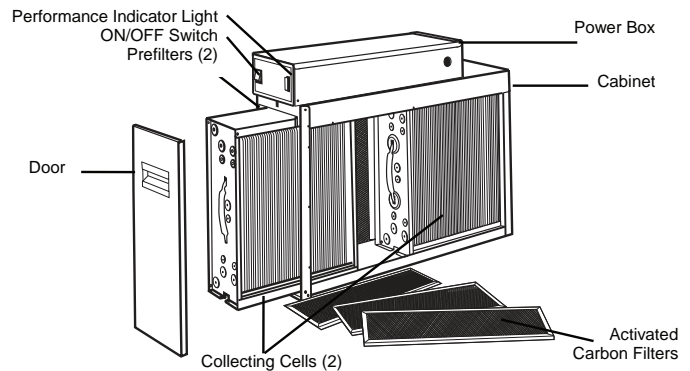
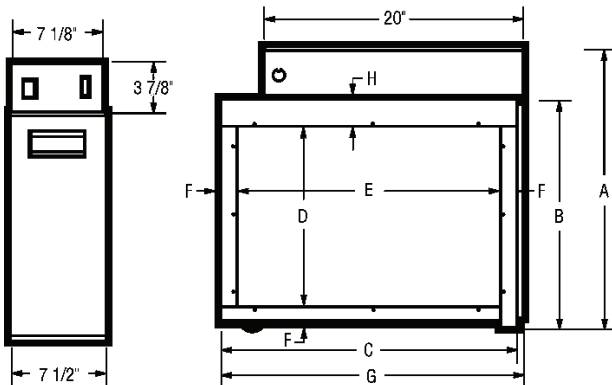
- Activated Carbon After Filters help remove odors.
- Plug-in 110 Volt Cord (PC model) provides easy installation.

#### LIMITED WARRANTY

- 5-year parts only warranty.

MODEL	P102-12	P102-14A	P102-14B	P102-20
UNIT WEIGHT	28 lb. 12.9 kg.	30 lb. 13.5 kg	33 lb. 15.3 kg	38 lb. 17.5 kg
POWER	120 V 60 Hz 30 Watts	120 V 60 Hz 30 Watts	120 V 60 Hz 30 Watts	120 V 60 Hz 30 Watts
HOUSE SIZE	<2400 ft <sup>2</sup> <222.96 m <sup>2</sup>	<3000 ft <sup>2</sup> <278.70 m <sup>2</sup>	2400 -3000 ft <sup>2</sup> 222.96 -278.70 m <sup>2</sup>	>3000 ft <sup>2</sup> >278.70 m <sup>2</sup>
AIRFLOW	up to 1200 CFM up to 2039 m <sup>3</sup> /hr	up to 1400 CFM up to 2379 m <sup>3</sup> /hr	up to 1400 CFM up to 2379 m <sup>3</sup> /hr	up to 2000 CFM up to 3398 m <sup>3</sup> /hr
DUCT SIZE	16 x 20 in. 40.5 x 51 cm	16 x 25 in. 40.5 x 63.5 cm	20 x 20 in. 51 x 51 cm	20 x 25 in. 51 x 63.5 cm

#### DIMENSIONS:



MODEL	A	B	C	D	E	F	G	H
P102-12	21 in. 53 cm	17 in. 43.5 cm	23-1/4 in. 59 cm	13-1/8 in. 33.5 cm	20-3/4 in. 53 cm	1-1/4 in. 3 cm	23-3/4 in. 60.5 cm	2-3/8 in. 6 cm
P102-14A	21 in. 53 cm	17 in. 43.5 cm	26 in. 66 cm	13-5/8 in. 34.5 cm	24 in. 61 cm	1 in. 2.5 cm	26-1/2 in. 67.5 cm	2-1/8 in. 5.5 cm
P102-14B	25-7/8 in. 66 cm	22 in. 56 cm	21-1/4 in. 54 cm	18 in. 46 cm	18-3/4 in. 47.5 cm	1-1/4 in. 3 cm	21-3/4 in. 55 cm	2-3/8 in. 6 cm
P102-20	25-7/8 in. 66 cm	22 in. 56 cm	26 in. 66 cm	18 in. 46 cm	23-1/2 in. 59.5 cm	1-1/4 in. 3 cm	26-1/2 in. 67.5 cm	2-3/8 in. 6 cm

## TOTALINE® ELECTRONIC AIR CLEANERS

### TOTALINE® GOLD SERIES RETURN AIR GRILLE MOUNT ELECTRONIC AIR CLEANER



The Totaline Gold Return Grille Mount Electronic Air Cleaner is for homes, condominiums, manufactured homes and applications where there is a common return grille rather than separate return air ducts from each room. It's a convenient indoor air quality solution for homes with attic or crawl space heating and air conditioning installations, allowing easy access to filters on the main floor. Larger homes with more than one return grille may require an additional return grille air cleaner to greatly improve indoor air quality.

#### STANDARD FEATURES

- Lifetime Filter System never needs replacing – simply washes clean.
- Electronically removes dust, mites, pollen, tobacco smoke, cooking smoke & grease, mold, fungi, bacteria, viruses & more down to 0.01 micron.
- Aluminum Collecting Cells are durable and easy to maintain.
- Electronic Air Proving Switch allows quick wiring and cycles air cleaner On/Off with system fan.
- User-friendly, swing out door allows quick and easy access to filters.
- Plastic intake grille is attractive and easy to wipe clean.



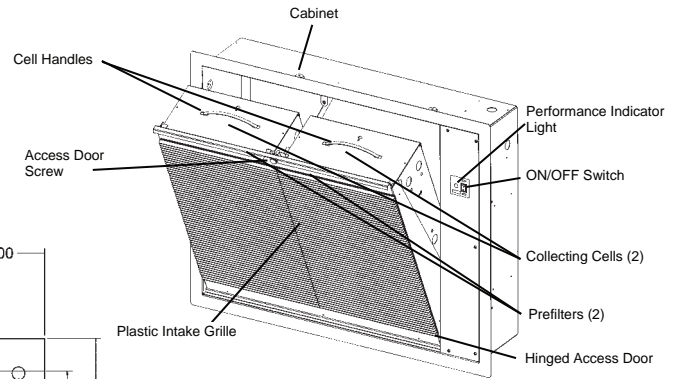
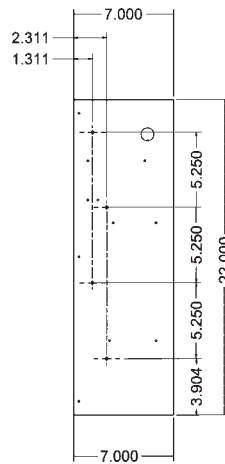
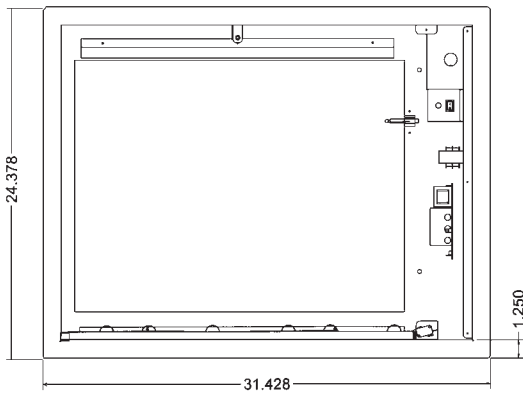
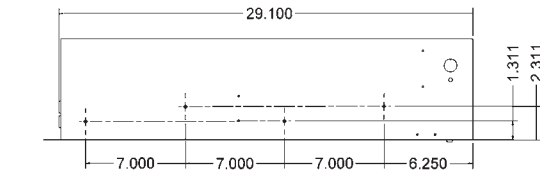
- Field-adjustable, snap-in power board for optimal performance.
- Performance Indicator Light shows Air Cleaner is working properly at a glance.
- Automatic Interlock Switch disconnects power when unit is opened.
- Durable, scratch resistant powder coat paint finish.
- Easily installs on the wall or ceiling, in a ceiling box within 24" centers, without any structural changes.

#### LIMITED WARRANTY

- 5-year parts only warranty.

MODEL	P102-GM20A
House Size	n/a
Air Flow	up to 2000 cfm up to 3398 m <sup>3</sup> /hr
Duct Size	22 x 29.1 in 55.9 x 73.9 cm
Cabinet Dimensions	31.4 x 24.4 x 7 in 79.8 x 62 x 17.8 cm
Weight	38 lbs 17.5 kg
Power	120v – 60HZ - 30 watts

#### DIMENSIONS:



Manufacturer reserves the right to discontinue or change at any time, specifications or designs without notice or without incurring obligations. Performance of the Air Cleaners will depend on house plan design, duct design and heating/cooling equipment.

## TOTALINE® ELECTRONIC AIR CLEANERS

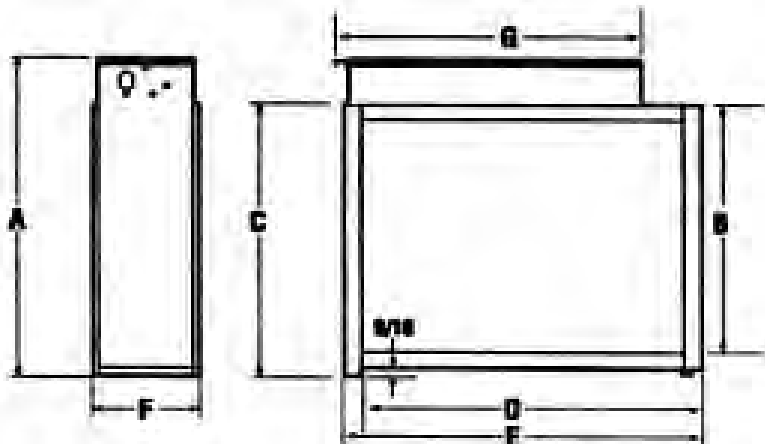


Totaline® Signature Series Electronic Air Cleaners were designed with the dealer in mind. Their design includes an easy access power supply that can be easily removed to simplify and shorten on-site servicing. Other parts “snap-in” for simplified service as well. Totaline Signature Series Electronic Air Cleaners have a strong cabinet, reliable power supply, and a very sturdy cell.

### FEATURES:

- Built-in internal fuse protects 24v trans. in the event of a power failure
- Built-in airflow sensor
- Fail-safe connection with built-in airflow sensor eliminates the possibility of incorrect wiring by the service technician
- Permanent, washable aluminum and stainless steel collecting cells for longer service life
- Increases the efficiency of HVAC systems by keeping cooling coils clean
- Aluminum mesh pre-filter traps large particles such as dirt, lint & pet hair
- An optional charcoal after-filter to reduce common household odors
- Easy to clean cells and pre-filters
- Available in 1400 or 2000 CFM
- Three year limited warranty
- UL/CUL listed

SPECIFICATIONS					ELECTRICAL REQUIREMENTS					
					Input Power				Output Power	
PART NUMBER	Maximum Capacity	Cell Weight	Unit Weight	Temperature Rate	Input Volts	Input Hz	Normal Watts	Maximum Watts	Output Volts	Output Amperes
P101-1402A	1400 CFM (2380 m3/hr)	(2) 10 lbs. ea. (4.54 kg)	32 lbs (14.5 kg)	32° F (0° C) to 125° F (47° C)	120	50/60	48	55	6.2 kvDC	2.5 mADC
P101-2002A	2000 CFM (3400 m3/hr)	(2) 12 lbs. ea. (5.44 kg)	36 lbs (16.3 kg)	32° F (0° C) to 125° F (47° C)	120	50/60	53	61	6.2 kvDC	3.2 mADC



PART NO.	DIMENSIONS						
	A	B	C	D	E	F	G
P101-1402A	20.25 in. (514 mm)	13.875 in. (352 mm)	16.9375 in. (430 mm)	22.5 in. (572 mm)	24.875 in. (632 mm)	7.125 in. (181 mm)	21.4375 in. (541 mm)
P101-2002A	24.25 in. (616 mm)	17.875 in. (454 mm)	20.9375 in. (532 mm)	22.5 in. (572 mm)	24.875 in. (632 mm)	7.125 in. (181 mm)	21.4375 in. (541 mm)

## TOTALINE® HEPA AIR CLEANERS

### TOTALINE® Gold Whole House True HEPA Air Cleaner P102-350, P102-450, P102-550A, P102-650



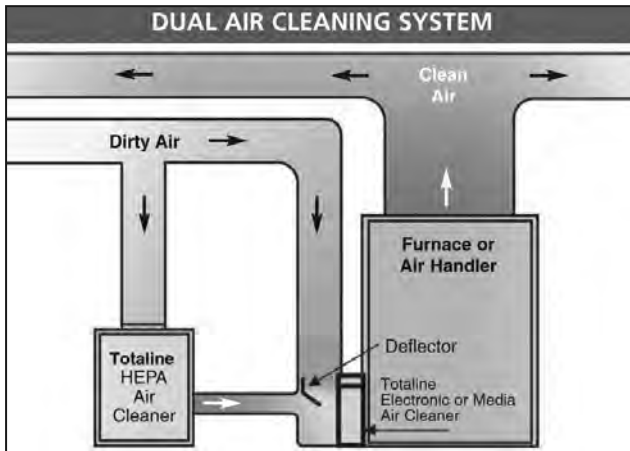
This premium line of Totaline Gold True HEPA Air Cleaners is the most powerful in its class. Not only do they contain Certified True HEPA Filters, but the entire system is tightly sealed to deliver a minimum of 99.97% efficiency on 0.3 micron on the first pass of air. The HEPA filter becomes more efficient as it becomes dirtier with time. Can be wall, floor, ceiling mounted or self-contained. And since they have their own motor, there's no affect on efficiency of the heating/cooling system.

#### STANDARD FEATURES

- Long-life, Certified True HEPA Filter removes dust, mites, pollen, pet dander, tobacco smoke, cooking smoke and grease, mold, fungi, bacteria, viruses and lots more.
- Activated Carbon Prefilter removes lint & odors to extend life of HEPA Filter.
- Activated Carbon Volatile Organic Compound (VOC) Filter or Carbon/Potassium Permanganate (VOC) Filter removes toxins emitted from air fresheners, carpets, glues, household cleaners, paints, varnishes, press board furniture and lots more.
- Plug-in Power Cord (120 Volt) for quick hook-up.
- Powerful European motor for reliability and energy efficiency.
- Reversible air outlets for installation versatility.
- Small footprint for easier, more convenient installation.
- Heavy gauge steel cabinet with powder-coat paint finish.

#### LIMITED WARRANTY

- 5-year parts only warranty (filters excluded).



#### How the HEPA dual air cleaning system works

Airborne particles and gases are carried through the return air ducts of the heating/cooling system. The HEPA Air Cleaner connects to the return air duct and diverts 1/3 to 1/2 of the dirty air through a tightly sealed filtration system.

1. Activated Carbon Prefilter (replace every 3-6 months).
2. Long-Life, True HEPA Filter (replace every 2-5 years).
3. Carbon VOC Filter (optional) included with Model P102-550A.

A typical 1500 ft2 home will get about 67 whole-house air changes a day with a P102-550A Whole House HEPA Air Cleaner installed. Add a Totaline® Gold Electronic or Mechanical Air Cleaner on the return air grill to collect the other 1/2 to 2/3's of dirty air not being filtered by the HEPA Air Cleaner, and the home can achieve 96 or more whole-house air changes a day. Now that is clean!

## TOTALINE® HEPA AIR CLEANERS

### TOTALINE® Gold Whole House True HEPA Air Cleaner

#### P102-350, P102-450, P102-550A, P102-650

#### Specifications

MODELS	P102-350	P102-450	P102-550A	P102-650
<b>Air Flow: with all standard filters installed</b>	245 cfm 416.5 m³/hr	330 cfm 561 m³/hr	560 cfm 952 m³/hr	540 cfm 918 m³/hr
<b>Whole-House Air Changes/Day</b> 1500 ft² home 2500 ft² home	30 air changes/day 18 air changes/day	40 air changes/day 24 air changes/day	67 air changes/day 41 air changes/day	65 air changes/day 39 air changes/day
<b>Carbon VOC Prefilter</b>	2.45 ft² 0.23 m²	3.75 ft² 0.35 m²	6.3 ft² 0.585 m²	5.1 ft² 0.47 m²
<b>Certified True HEPA Filter</b>	65 ft² 6.04 m²	100 ft² 9.29 m²	188 ft² 17.47 m²	133 ft² 12.4 m²
<b>Carbon VOC After Filter</b>	See Options	See Options	9.5 ft² / 0.883 m²	See Options
<b>Power</b>	120 volt 60 hz 70 watts	120 volt 60 hz 125 watts	120 volt 60 hz 215 watts	120 volt 60 hz 215 watts
<b>Plug-In Power Cord</b>	10.0 ft 3.05 m	10.0 ft 3.05 m	10.0 ft 3.05 m	10.0 ft 3.05 m
<b>Cabinet Dimensions</b> <i>L x W x H</i>	18.25 x 18.25 x 19.25 in 46.4 x 46.4 x 48.9 cm	18 x 18 x 24.5 in 45.7 x 45.7 x 62.2 cm	21.5 x 20.5 x 28.4 in 54.5 x 52.0 x 72.0 cm	18 x 18 x 30.5 45.7 x 45.7 x 77.5 cm
<b>Intake Duct Fitting</b>	8 in 20.3 cm	8 in 20.3 cm	12 in 30.5 cm	12 in 30.5 cm
<b>Outflow Duct Fitting: Reversible</b>	6 in / 15.2 cm 1 Opening	6 in / 15.2 cm 2 Openings	8 in / 20.3 cm 2 Openings	8 in / 20.3 cm 2 Openings
<b>Unit Weight</b>	38 lbs (17.4 kg)	51 lbs (23.1 kg)	88 lbs (39.9 kg)	57 lbs (25.9 kg)
<b>Options Available</b>	Carbon VOC After Filter 1.39 ft² / 0.13 m²	Carbon VOC After Filter 2.13 ft² / 0.20 m²	Carbon/ Potassium Permanganate VOC After Filter for removal of noxious odors and gases 9.5 ft² / 0.883 m²	Carbon VOC After Filter 2.87 ft² / 0.27 m²

Compressors,  
Chillers, Condensers

Motors

Electrical

Heating  
Components

Indoor Air  
Quality

Thermostats

Oils &  
Chemicals

Accessories, Supplies  
& Commodities

Tools &  
Instruments

Refrigeration

# Indoor Air Quality

Compressors, Chillers, Condensers  
Motors  
Electrical  
Heating Components  
Indoor Air Quality  
Thermostats  
Oils & Chemicals  
Accessories, Supplies & Commodities  
Tools & Instruments  
Refrigeration

## TOTALINE® HEPA AIR CLEANERS

### TOTALINE® Gold Whole House True HEPA Air Cleaner Replacement Media for P102-350, P102-450, P102-550A, P102-650

#### MEDIA REPLACEMENT FOR P102-350

PART NO	DESCRIPTION	REPLACE EVERY
P102-30855	Carbon Prefilter Blanket, 47 x 7.5 x 0.25 in. (119.4 x 19.1 x 0.63 cm)	3-6 months
P102-30840	Cylindrical True HEPA Filter, 8 x 14.25 Dia. x 2.375 in. (20.3 x 36.2 x 6.0 cm)	2-3 years
P102-30810	Inner Carbon VOC Blanket (Optional)	3-6 months

#### MEDIA REPLACEMENT FOR P102-450

PART NO	DESCRIPTION	REPLACE EVERY
P102-40855	Carbon Prefilter Blanket, 46.0 x 11.5 x 0.25 in. (119.4 x 29.2 x 0.63 cm)	3-6 months
P102-40840	Cylindrical True HEPA Filter, 12.0 x 14.25 Dia. x 2.375 in. (30.5 x 36.2 x 6.0 cm)	2-4 years
P102-40810	Inner Carbon VOC Blanket (Optional)	3-6 months

#### MEDIA REPLACEMENT FOR P102-550A

PART NO	DESCRIPTION	REPLACE EVERY
P102-1919-1	1-in. Carbon Pre-Filter, 19.5 x 19.5 x 1 in. (49.5 x 49.5 x 2.5 cm)	3-6 months
P102-1919-2	2-in. Carbon VOC After Filter, 19.5 x 19.5 x 2 in. (49.5 x 49.5 x 5.0 cm)	6-12 months
P102-1919-2A*	2-in. Carbon/Potassium Permanganate VOC After Filter, 19.5 x 19.5 x 2 in. (49.5 x 49.5 x 5.0 cm)	6-12 months
P102-1919-6A	6-in. True HEPA Filter, 19.5 x 19.5 x 6 in. (49.5 x 49.5 x 15.3 cm)	3-5 years

\* Optional Accessory

#### MEDIA REPLACEMENT FOR P102-650

PART NO	DESCRIPTION	REPLACE EVERY
P102-60855	Carbon Prefilter Blanket, 47.0 x 15.5 x 0.25 in. (119.4 x 39.4 x 0.63 cm)	3-6 months
P102-60840	Cylindrical True HEPA Filter, 16.0 x 14.25 Dia. x 2.375 in. (40.6 x 36.2 x 6 cm)	2-4 years
P102-60810	Inner Carbon VOC Blanket (Optional)	3-6 months

## TOTALINE® ELECTRONIC AIR CLEANERS ACCESSORIES

### Maintenance Kit for High Efficiency EAC

PART NO	INCLUDES	FITS MODELS
8R1-1000	Dax Cleaning Detergent 32 oz and P102-1156 Carbon Filters (3 Pack)	P102-12,P102-14A

#### DAX Cleaning Detergent



PART NO	SIZE
9900	32 oz
9901	1.1 gal
9904	5.5 gal

## TOTALINE® Whole House Duct Mount HEPA Air Cleaner



### WHOLE-HOUSE DUCT MOUNT HEPA AIR CLEANER

The Totaline Gold Duct Mount HEPA Air Cleaner is ideal for homes that have tight space conditions in their furnace/air conditioning rooms. This unit is compact and can be installed directly on the return air vent. It can also be mounted directly to the furnace and collar mounted to the return air duct to save space. Delivers 99.97% efficiency on 0.3 micron on the first pass of air. The HEPA filter becomes more efficient as it becomes dirtier with time.

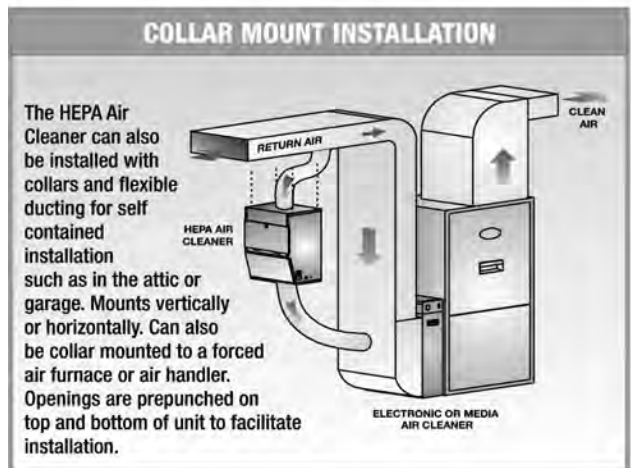
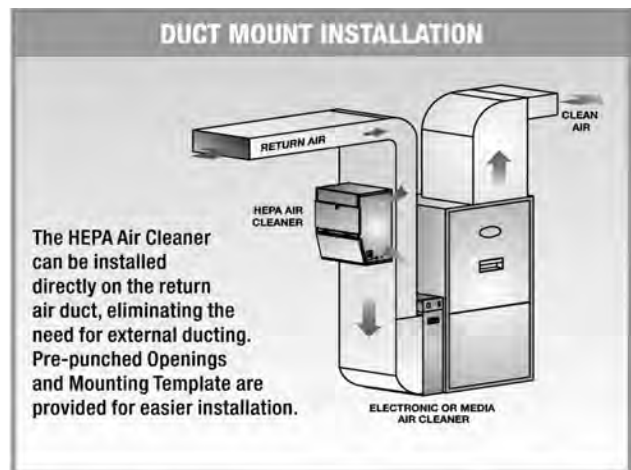
### STANDARD FEATURES

- Long-life, HEPA Media Filter removes dust, mites, pollen, pet dander, tobacco smoke, cooking smoke and grease, mold, fungi, bacteria, viruses and lots more.
- High Efficiency Prefilter removes lint and hair before they enter HEPA Filter.
- Carbon Prefilter removes odors to extend life of HEPA Filter.
- Plug-in Power Cord (120 Volt) for quick hook-up.
- Powerful European motor is reliable and energy efficient. Adds no static pressure to the heating/air-conditioning system.
- Galvanized heavy gauge steel cabinet with powder-coat paint finish.

### LIMITED WARRANTY

- 5-year parts only warranty (filters excluded).

MODEL	P102-400DM
Air Flow	320 CFM 544 m <sup>3</sup> /hr
Whole-House Air Changes Per Day 1500 sq ft home 2000 sq ft home	39 Air Changes / Day 29 Air Changes / Day
Prefilter (MERV 11)	3.1 ft <sup>2</sup> 0.29 m <sup>2</sup>
Carbon Prefilter	1.33 ft <sup>2</sup> 0.12 m <sup>2</sup>
HEPA Media Filter	40 ft <sup>2</sup> 3.7 m <sup>2</sup>
Power	120 V 60 Hz
Plug-in Power Cord	10.0 ft 3.05 m
Cabinet Dimensions W x D x H	16.25 x 12.75 x 20.13 in 41.3 x 32.4 x 51.1 cm
Intake Duct Fitting	14.5 x 3.75 in or 8 in (dia) 36.8 x 9.5 cm or 20.3 cm (dia)
Outflow Duct Fitting	14.5 x 4.37 in or 8 in (dia) 36.8 x 11.1 cm or 20.3 cm (dia)
Unit Weight	38 lbs 17.2 kg



### REPLACEMENT FILTERS

PART NO	DESCRIPTION	FITS MODELS
P102-D40400 (Replace every 2-3 years)	HEPA Media Filter	P102-400DMN
P102-D40855 (Replace every 3-6 months)	Prefilter, MERV 11	P102-400DMN
P102-D40810 (Replace every 3-6 months)	Carbon Prefilter	P102-400DMN

## TOTALINE® MECHANICAL FILTERS

### TOTALINE® GOLD ELECTROSTATIC MECHANICAL FILTERS



#### High Efficiency media retrofit air cleaners

The Totaline Gold premium line of charged Media Air Cleaners uses a new technology in air filtration that yields a high initial efficiency and maintains high efficiency over the life of the filter. Lower initial static pressure drop and longer service life than most other types of media filters on the market. Plus a Perfect Fit Filter allows no air gaps. Upgrades to a High Efficiency Electronic Air Cleaner.

#### STANDARD FEATURES

- High Efficiency MERV 11 Filter removes atmospheric and household dust, coal and insecticide dust, mites, pollen, tobacco smoke, cooking smoke and grease, mold, fungi and more, down to 0.3 micron.
- Easy to change filter. No fussing with complicated combs or brackets.
- Reversible air flow. Mounts in any position.
- No electrical hook up required.
- Quiet operation.
- Galvanized heavy duty steel cabinet for solid horizontal or vertical installations.
- Durable scratch resistant powder coat paint finish.
- Contains a built-in contact tray for Electronic Air Cleaner.
- Upgrades to a Totaline Gold High Efficiency Electronic Air Cleaner.

#### OPTIONS AVAILABLE

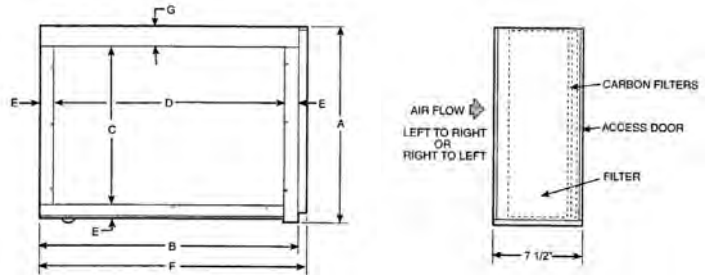
- Activated Carbon After Filters help remove odors.

#### LIMITED WARRANTY

- Limited lifetime warranty (filter not included).

#### SPECIFICATIONS:

MODEL	P102-MF12	P102-MF14A	P102-MF14B	P102-MF20
UNIT WEIGHT	17 lb 7.7kg	18 lb 8.2 kg	19 lb 8.6 kg	20 lb 9.1 kg
HOUSE SIZE	<2400 ft2 22.95 m2	<3000 ft2 <278.70 m2	3000 ft2 <278.70 m2	>3000 ft2 <278.70 m2
AIRFLOW	up to 1200 CFM up to 2039 m3/hr	up to 1400 CFM up to 2379 m3/hr	up to 1400 CFM up to 2379 m3/hr	up to 2000 CFM up to 3398 m3/hr
DUCT SIZE	16 x 20 in. 40.5 x 51 cm	16 x 25 in. 40.5 x 63.5 cm	20 x 25 in. 51 x 63.5 cm	20 x 25 in. 51 x 63.5 cm
PRESSURE DROP	.066 (in./wg) @600 CFM .22 (in./wg) @1400 CFM	.097 (in./wg) @700 CFM .22 (in./wg) @1400 CFM	.067 (in./wg) @700 CFM .22 (in./wg) @1400 CFM	.067 (in./wg) @1000 CFM .22 (in./wg) @2000 CFM



#### DIMENSIONS

UNIT	A	B	C	D	E	F	G
P102-MF12	17 (43.5)	23-1/4 (59)	13-1/8 (33.5)	20-3/4 (53)	1-1/4 (3)	23-3/4 (60.5)	2-3/8 (6)
P102-MF14A	17 (43.5)	26 (66)	13-5/8 (34.5)	24 (61)	1 (2.5)	26-1/2 (67.5)	2-1/8 (5.5)
P102-MF14B	22 (56)	21-1/4 (54)	18 (46)	18-3/4 (48)	1-1/4 (3)	21-3/4 (55)	2-3/8 (6)
P102-MF20	22 (56)	26 (66)	18 (46)	23-1/2 (59.5)	1-1/4 (3)	26-1/2 (67.5)	2-3/8 (6)

#### ACCESSORIES

##### ACTIVATED CARBON FILTERS (3 PACK)

PART NO	FITS MODEL	DIMENSIONS
P102-1156	P102-MF12, P102-MF14A, P102-12, P102-14A	15-1/8 X 5 in
P102-1856	P102-MF14B, P102-MF20, P102-14B, P102-20	20 in. X 5 in

##### MEDIA REPLACEMENT (3 PACK)

PART NO	FITS MODEL
P102-1620	P102-MF12, P102-NC12, P102-BB12
P102-1625	P102-MF14A, P102-NC14A, P102-BB14A
P102-2020	P102-MF14B, P102-NC14B, P102-BB14B
P102-2025	P102-MF20, P102-NC20, P102-BB20, P102-RAM200

##### UPGRADE KIT TO TOTALINE GOLD EAC

PART NO	UPGRADE TO	INCLUDES
P102-UK12	P102-12	(2) Prefilters (2) Collecting Cells (1) Power Box
P102-UK14A	P102-14A	(2) Prefilters (2) Collecting Cells (1) Power Box
P102-UK14B	P102-14B	(2) Prefilters (2) Collecting Cells (1) Power Box
P102-UK20	P102-20	(2) Prefilters (2) Collecting Cells (1) Power Box

## TOTALINE® MECHANICAL FILTERS

### RIGHT ANGLE MEDIA AIR CLEANER



**PART NO**  
P102-RAM200

#### High Efficiency - Right Angle Media air cleaner (RAM)

The Totaline Gold High Efficiency Right Angle Media Air Cleaner (RAM) is a space saving design for vertical installations. Eliminates the need for a 90° duct adapter, as it works as a turning vane providing even distribution across the media filter. Filter has a high initial efficiency and maintains high efficiency over the life of the filter. Lower initial static pressure drop and longer service life than most other types of media filters on the market. Plus a Perfect Fit Filter allows no air gaps.

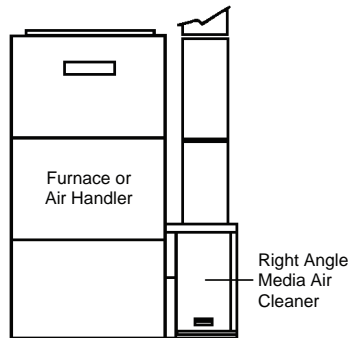
#### STANDARD FEATURES

- Reduces installation space by 6" – 8"
- Adjustable inlet duct opening replaces need for field forming transition, significantly reducing installation time.
- High Efficiency MERV 11 Filter removes atmospheric and household dust, coal and insecticide dust, mites, pollen, tobacco smoke, cooking smoke and grease, mold, fungi and more, down to 0.3 micron.
- Easy to change filter. No fussing with complicated combs or brackets.
- Two access doors allow versatile installation and easy maintenance.
- No maintenance except for filter replacement.
- No electrical hook up required.
- Quiet operation.
- Galvanized heavy duty steel cabinet and powder coat paint finish on doors.

#### LIMITED WARRANTY

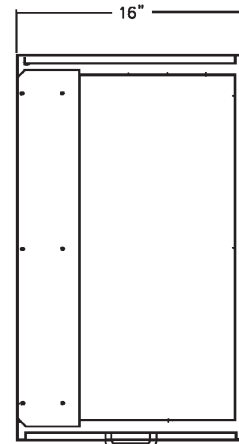
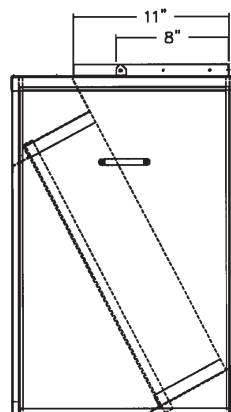
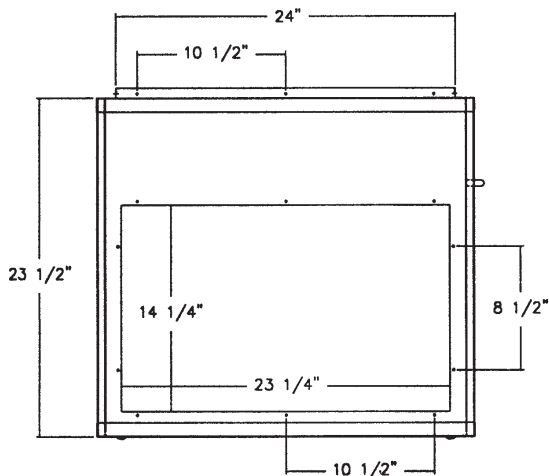
- Lifetime Limited Warranty on parts (filter not included)

The Air Cleaner is adaptable to most High-Boy residential forced air furnaces or cooling systems. The Air Cleaner must be installed in the return air duct next to the blower compartment. This location provides the most even air flow across the filter and allows the Air Cleaner to keep the system motor and fan clean.



\* MERV: Minimum Efficiency Reporting Value. Based on ASHRAE Standard 52.2.

MODEL	P102-RAM2000
<b>Power Consumption</b>	0
<b>Air Flow</b>	up to 2000 cfm up to 3398 m³/hr
<b>Dimensions</b> <i>W x D x H</i>	16 x 26-3/4 x 23-1/2 in 40.6 x 67.9 x 59.7 cm
<b>Adjustable Inlet (3 sizes)</b>	8 x 24 in. / 10 x 24 in. / 11 x 24 in. 20.3 x 61 cm / 25.4 x 61 cm / 27.9 x 61 cm
<b>Outlet</b> <i>D x H</i>	23-1/4 x 14-1/4 in 59.1 x 36.2 cm
<b>Unit Weight</b>	34 lb 15.4 kg
<b>MERV Rating</b>	11



## TOTALINE® Gold HIGH EFFICIENCY MEDIA AIR CLEANERS P102-NC12, P102-NC14A, P102-NC14B, P102-NC20

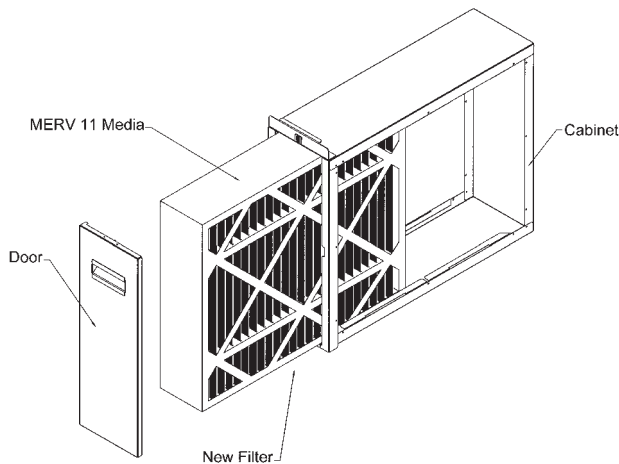


The Totaline Gold Media Air Cleaners is ideal for new construction projects. Sturdy galvanized steel cabinet and powder coat painted snap-on door, offers a nicely finished product at a low price. Easy to replace with a Totaline Gold High Efficiency Electronic Air Cleaner.

### STANDARD FEATURES

- High Efficiency MERV 11 Filter helps remove atmospheric and household dust, coal and insecticide dust, mites, pollen, tobacco smoke, cooking smoke and grease, mold, fungi and more, down to 0.3 micron.
- Perfect Fit Filter allows no air gaps.
- Easy to change filter. No fussing with complicated combs or brackets.
- Reversible air flow. Mounts in any position.
- No electrical hook up required.
- Quiet operation.
- Galvanized heavy duty steel cabinet for solid horizontal or vertical installations.
- Snap-On Door has powder coat paint finish.
- Easy to replace with a High Efficiency Electronic Air Cleaner.
- 1-year parts only warranty (filter not included).

MODEL	P102-NC12	P102-NC14A	P102-NC14B	P102-NC20
<b>House Size</b>	<2400 ft <sup>2</sup> <222.96 m <sup>2</sup>	<3000 ft <sup>2</sup> <278.7 m <sup>2</sup>	<3000 ft <sup>2</sup> <278.7 m <sup>2</sup>	>3000 ft <sup>2</sup> >278.7 m <sup>2</sup>
<b>Air Flow</b>	up to 1200 CFM up to 2038 m <sup>3</sup> /hr	up to 1400 CFM up to 2379 m <sup>3</sup> /hr	up to 1400 CFM up to 2379 m <sup>3</sup> /hr	up to 2000 CFM up to 3398 m <sup>3</sup> /hr
<b>Duct Size</b>	16 x 20 in 40.5 x 51 cm	16 x 25 in 40.6 x 63.5 cm	20 x 20 in 51 x 51 cm	20 x 25 in 51 x 63.5 cm
<b>Intake Dimensions <i>H x L</i></b>	13.25 x 20.75 in 33.7 x 52.7 cm	13.25 x 23.7 in 33.7 x 60.2 cm	18.1 x 18.75 in 46 x 47.6 cm	18.1 x 23.25 in 46 x 59.1 cm
<b>Cabinet Dimensions <i>W x H x L</i></b>	7.5 x 17.4 x 23.6 in 19.1 x 44.2 x 60 cm	7.5 x 17.4 x 26.5 in 19.1 x 44.2 x 67.3 cm	7.5 x 22.25 x 21.7 in 19.1 x 56.5 x 55.1 cm	7.5 x 22.25 x 26.1 in 19.1 x 56.5 x 66.3 cm
<b>Weight</b>	17 lb 7.7 kg	18 lb 8.2 kg	19 lb 8.6 kg	20 lb 9.1 kg
<b>Pressure Drop</b>	.064 (in./wg) @ 246 fpm .209 (in./wg) @ 492 fpm	.066 (in./wg) @ 246 fpm .217 (in./wg) @ 492 fpm	.062 (in./wg) @ 246 fpm .203 (in./wg) @ 492 fpm	.069 (in./wg) @ 246 fpm .207 (in./wg) @ 492 fpm
<b>MERV Rating</b>	11	11	11	11



### MEDIA REPLACEMENT (3 PACK)

PART NO	FITS MODEL
<b>P102-1620</b>	P102-NC12, P102-BB12, P102-MF14A
<b>P102-1625</b>	P102-BB14A, P102-NC14A, P102-MF14A
<b>P102-2020</b>	P102-BB20, P102-NC14B, P102-MF14B
<b>P102-2025</b>	P102-N20, P102-BB20, P102-MF20, P102-RAM200

## TOTALINE® MECHANICAL FILTERS

### TOTALINE® SIGNATURE MECHANICAL FILTERS



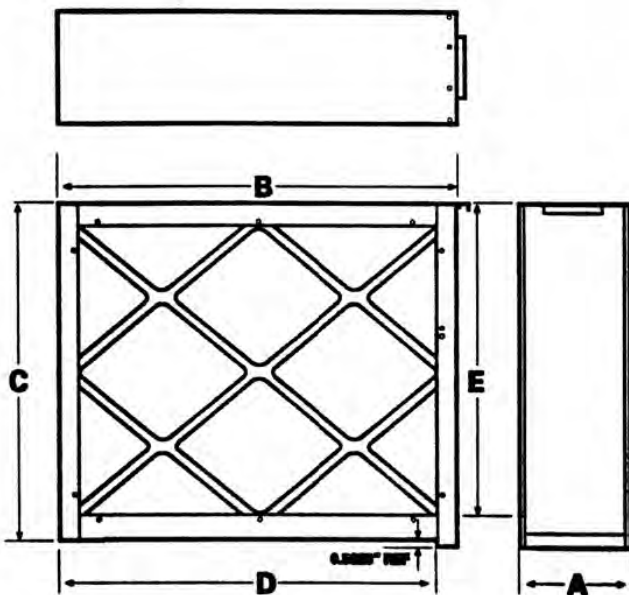
Totaline® Signature Series Mechanical Filters are much more efficient than ordinary furnace filters. They utilize a highly efficient, electro statically-charged, synthetic material with extended surface pleats and an omni directional airflow design which allows for maximum dust holding capacity while not obstructing airflow.

#### FEATURES:

- Available in 16" x 25" (1400 cfm), 20" x 20" (1400 cfm), and 20" x 25" (2000 cfm) sizes.
- Offering dealers a variety of optional applications.
- 10-year limited warranty on the cabinet.
- No electrical hook-up. MERV 8 filter.

#### SPECIFICATIONS

MODEL	P101-MF14	P101-MF16	P101-MF20
UNIT WEIGHT	15 lb (6.80 kg)	19 lb (8.62 kg)	20 lb (9.07 kg)
AIRFLOW	up to 1400 CFM up to 2079 m3/hr	up to 1400 CFM up to 2379 m3/hr	up to 2000 CFM up to 3398 m3/hr
DUCT SIZE	13.875 x 22.5 in. (352 x 572 mm)	17.875 x 19 in. (454 x 483 mm)	17.875 x 22.5 in. (454 x 572 mm)
MEDIA SIZE (D x H x L)	5 x 16 x 24.25 in. (127 x 406 x 616 mm)	5 x 20 x 20.75 in. (127 x 508 x 527 mm)	5 x 20 x 24.25 in. (127 x 508 x 616 mm)



#### DIMENSIONS

MODEL	A	B	C	D	E
P101-MF14	7.125 in. (181 mm)	24.875 in. (632 mm)	16.25 in. (413 mm)	22.5 in. (572 mm)	13.875 in. (352 mm)
P102-MF16	7.125 in. (181 mm)	21.375 in. (543 mm)	20.25 in. (514 mm)	19 in. (483 mm)	17.875 in. (454 mm)
P102-MF20	7.125 in. (181 mm)	24.875 in. (632 mm)	20.25 in. (514 mm)	22.5 in. (572 mm)	17.875 in. (454 mm)

#### PRESSURE DROP

Pressure drop is not based on the use of carbon filters.

PART NO	PRESSURE DROP
P101-MF14	.04 (in./wg) @ 600 cfm
P101-MF14	.24 (in./wg) @ 1400 cfm
P101-MF16	.04 (in./wg) @ 600 cfm
P101-MF16	.24 (in./wg) @ 1400 cfm
P101-MF20	.03 (in./wg) @ 600 CFM
P101-MF20	.27 (in./wg) @ 2000 CFM

#### MEDIA REPLACEMENT (3-pack)

PART NO	FITS MODEL
P101-1625	P101-MF12 (N/A)
P101-1625-5	P101-MF14
P101-2020	P101-MF16
P101-2025	P101-MF20

NOTE: Totaline® Signature Series Mechanical Filters have been tested using ANSI/ASHRAE 52.2-1999 standard test procedures.

## Totaline® Star Series 1" Electronic Air Filters



The Totaline® Star SERIES CG1000 is a safe and simple electronic process, operated with 24 volts! It works by creating a polarized (electric) charge on the media pads. The electric charge enables the media pads to capture and remove airborne particles as small as .01 microns.

### Features:

- MERV 10 @ 295 fpm
- Produces no hazardous ozone
- Produces no positive ions
- Fully electronic, highly reliable
- Easy to maintain
- Increases equipment efficiency
- Satisfaction guaranteed
- 5 year warranty
- UL and CSA Certified

### Specifications:

Efficiency: Down to 1 micron  
 Pressure drop: 0.18 in W.G.  
 Voltage: 24 volts  
 Voltage range: 8V min. to 30V max.  
 Input: Floating  
 Consumption: 1 watt  
 Amp. draw: 0.068VA

### Part Numbers (dimensions in nominal inches)

EAC P/N	Media P/N	Actual Dimensions
P101-1224C	P101-1224M	11 <sup>5</sup> / <sub>8</sub> " x 23 <sup>5</sup> / <sub>8</sub> "
P101-1420C	P101-1420M	13 <sup>5</sup> / <sub>8</sub> " x 19 <sup>5</sup> / <sub>8</sub> "
P101-1424C	P101-1424M	13 <sup>5</sup> / <sub>8</sub> " x 23 <sup>5</sup> / <sub>8</sub> "
P101-1425C	P101-1425M	13 <sup>5</sup> / <sub>8</sub> " x 24 <sup>5</sup> / <sub>8</sub> "
P101-1430C	P101-1430M	13 <sup>5</sup> / <sub>8</sub> " x 29 <sup>5</sup> / <sub>8</sub> "
P101-1520C	P101-1520M	14 <sup>5</sup> / <sub>8</sub> " x 19 <sup>5</sup> / <sub>8</sub> "
P101-1616C	P101-1616M	15 <sup>5</sup> / <sub>8</sub> " x 15 <sup>5</sup> / <sub>8</sub> "
P101-1620C	P101-1620M	15 <sup>5</sup> / <sub>8</sub> " x 19 <sup>5</sup> / <sub>8</sub> "
P101-1624C	P101-1624M	15 <sup>5</sup> / <sub>8</sub> " x 23 <sup>5</sup> / <sub>8</sub> "
P101-1625C	P101-1625M	15 <sup>5</sup> / <sub>8</sub> " x 24 <sup>5</sup> / <sub>8</sub> "
P101-1820C	P101-1820M	17 <sup>5</sup> / <sub>8</sub> " x 19 <sup>5</sup> / <sub>8</sub> "
P101-2020C	P101-2020M	19 <sup>5</sup> / <sub>8</sub> " x 19 <sup>5</sup> / <sub>8</sub> "
P101-2024C	P101-2024M	19 <sup>5</sup> / <sub>8</sub> " x 23 <sup>5</sup> / <sub>8</sub> "
P101-2025C	P101-2025M	19 <sup>5</sup> / <sub>8</sub> " x 24 <sup>5</sup> / <sub>8</sub> "
P101-2030C	P101-2030M	19 <sup>5</sup> / <sub>8</sub> " x 29 <sup>5</sup> / <sub>8</sub> "
P101-2424C	P101-2424M	23 <sup>5</sup> / <sub>8</sub> " x 23 <sup>5</sup> / <sub>8</sub> "
P101-2425C	P101-2425M	23 <sup>5</sup> / <sub>8</sub> " x 24 <sup>5</sup> / <sub>8</sub> "
P101-2430C	P101-2430M	23 <sup>5</sup> / <sub>8</sub> " x 29 <sup>5</sup> / <sub>8</sub> "

### Part Numbers (exact sizes)

P101-1321C	P101-1321M	13" x 21 <sup>1</sup> / <sub>2</sub> "
P101-1621C	P101-1621M	16 <sup>3</sup> / <sub>8</sub> " x 21 <sup>1</sup> / <sub>2</sub> "
P101-1821C	P101-1821M	18 <sup>7</sup> / <sub>8</sub> " x 21 <sup>1</sup> / <sub>2</sub> "
P101-2021C	P101-2021M	19 <sup>7</sup> / <sub>8</sub> " x 21 <sup>1</sup> / <sub>2</sub> "
P101-2123C	P101-2123M	21 <sup>1</sup> / <sub>2</sub> " x 23 <sup>5</sup> / <sub>16</sub> "
P101-CAR1C	P101-CAR1M	13" x 24 <sup>5</sup> / <sub>8</sub> "
P101-CAR2C	P101-CAR2M	23 <sup>1</sup> / <sub>2</sub> " x 24 <sup>5</sup> / <sub>8</sub> "



### Disposable Replacement Media Pads

The Totaline® Star SERIES CG1000 creates a polarized charge on the media pads, causing airborne particles to "stick" to the pads. This provides a means of disposing of the particles and removing them as the media pads are replaced. Recommended replacement is every 4 months.

- Hypo Allergenic Material
- High Density
- Fire Retardant
- Unique Dry Weave Material
- Pre-Cut to Size
- Highest Surface Area
- Safe, Simple Replacement
- **1 package contains 6 pads (2 pads required per changeout)**

### How To Order A Custom Size EAC or Media

#### Definitions for Custom Sizes:

Custom Exact 1" (P101-5010C or P101-5010M)  
**Not undercut in any dimension**

#### Example:

18" x 18" x 1" - Actual Dimensions = 18" x 18" x 1"

Custom Nominal 1" (P101-5000C or P101-5000M)  
**Nominal = Undercut by 3/8" in each dimension**

#### Example:

18" x 18" x 1" - Actual Dimensions = 17<sup>5</sup>/<sub>8</sub>" x 17<sup>5</sup>/<sub>8</sub>" x 1"

Custom Exact 2" (P101-5010C2 or P101-5010M2)  
**Not undercut in any dimension**

#### Example:

18" x 18" x 2" - Actual Dimensions = 18" x 18" x 2"

Custom Nominal 2" (P101-5000C2 or P101-5000M2)  
**Nominal = Undercut by 3/8" in each dimension**

#### Example:

18" x 18" x 2" - Actual Dimensions = 17<sup>5</sup>/<sub>8</sub>" x 17<sup>5</sup>/<sub>8</sub>" x 2"

## Totaline® Star Series 1" Electronic Air Filters Fancoil Product Matrix For Carrier AHU Models

CARRIER AHU MODEL#	UNIT SIZE	UNIT SIZE	UNIT SIZE	UNIT SIZE	
FV4A-	002	003	005	006	
FILTER SIZE	21-1/2" x 16-3/8"	21-1/2" x 19-7/8"	21-1/2" x 19-7/8"	21-1/2" x 23-5/16"	
TOTALINE STAR 1" EAC	P101-1621C	P101-2021C	P101-2021C	P101-2123C	
REPLACEMENT MEDIA	P101-1621M	P101-2021M	P101-2021M	P101-2123M	
CARRIER AHU MODEL#	UNIT SIZE	UNIT SIZE	UNIT SIZE	UNIT SIZE	UNIT SIZE
FX4A-	030	036	042	048	060
FILTER SIZE	21-1/2" x 16-3/8"	21-1/2" x 19-7/8"	21-1/2" x 19-7/8"	21-1/2" x 19-7/8"	21-1/2" x 23-5/16"
TOTALINE STAR 1" EAC	P101-1621C	P101-2021C	P101-2021C	P101-2021C	P101-2123C
REPLACEMENT MEDIA	P101-1621M	P101-2021M	P101-2021M	P101-2021M	P101-2123M
CARRIER AHU MODEL#	UNIT SIZE	UNIT SIZE	UNIT SIZE	UNIT SIZE	UNIT SIZE
FK4C-	001	002	003	005	006
FILTER SIZE	21-1/2" x 16-3/8"	21-1/2" x 16-3/8"	21-1/2" x 19-7/8"	21-1/2" x 19-7/8"	21-1/2" x 23-5/16"
TOTALINE STAR 1" EAC	P101-1621C	P101-1621C	P101-2021C	P101-2021C	P101-2123C
REPLACEMENT MEDIA	P101-1621M	P101-1621M	P101-2021M	P101-2021M	P101-2123M
CARRIER AHU MODEL#	UNIT SIZE	UNIT SIZE	UNIT SIZE	UNIT SIZE	
40FKA-	002	003	005	006	
FILTER SIZE	21-1/2" x 16-3/8"	21-1/2" x 19-7/8"	21-1/2" x 19-7/8"	21-1/2" x 23-5/16"	
TOTALINE STAR 1" EAC	P101-1621C	P101-2021C	P101-2021C	P101-2123C	
REPLACEMENT MEDIA	P101-1621M	P101-2021M	P101-2021M	P101-2123M	
CARRIER AHU MODEL#	UNIT SIZE	UNIT SIZE	UNIT SIZE	UNIT SIZE	
FC4B-	018, 024	030, 036	042, 048, 038, 060	064	
FILTER SIZE	21-1/2" x 13"	21-1/2" x 16-3/8"	21-1/2" x 19-7/8"	21-1/2" x 23-5/16"	
TOTALINE STAR 1" EAC	P101-1321C	P101-1621C	P101-2021C	P101-2123C	
REPLACEMENT MEDIA	P101-1321M	P101-1621M	P101-2021M	P101-2123M	
CARRIER AHU MODEL#	UNIT SIZE	UNIT SIZE	UNIT SIZE	UNIT SIZE	
FB4A-	018, 024	030, 036	042, 048, 038, 060	054, 070	
FILTER SIZE	21-1/2" x 13"	21-1/2" x 16-3/8"	21-1/2" x 19-7/8"	21-1/2" x 23-5/16"	
TOTALINE STAR 1" EAC	P101-1321C	P101-1621C	P101-2021C	P101-2123C	
REPLACEMENT MEDIA	P101-1321M	P101-1621M	P101-2021M	P101-2123M	
CARRIER AHU MODEL#	UNIT SIZE	UNIT SIZE	UNIT SIZE	UNIT SIZE	
FA4A-	018, 024	030, 036	042, 048, 038, 060	054, 070	
FILTER SIZE	21-1/2" x 13"	21-1/2" x 16-3/8"	21-1/2" x 19-7/8"	21-1/2" x 23-5/16"	
TOTALINE STAR 1" EAC	P101-1321C	P101-1621C	P101-2021C	P101-2123C	
REPLACEMENT MEDIA	P101-1321M	P101-1621M	P101-2021M	P101-2123M	
CARRIER AHU MODEL#	UNIT SIZE	UNIT SIZE	UNIT SIZE	UNIT SIZE	
FG3A-	024	036	048	060	
FILTER SIZE	16" x 25"	16" x 25"	16" x 20" (2)	16" x 20" (2)	
TOTALINE STAR 1" EAC	P101-1625C	P101-1625C	P101-1620C (2)	P101-1620C (2)	
REPLACEMENT MEDIA	P101-1625M	P101-1625M	P101-1625M (2)	P101-1625M (2)	
CARRIER AHU MODEL#	UNIT SIZE	UNIT SIZE	UNIT SIZE	UNIT SIZE	
FH4A-	001	002	003	004	
FILTER SIZE	21-1/2" x 13"	21-1/2" x 16-3/8"	21-1/2" x 19-7/8"	21-1/2" x 19-7/8"	
TOTALINE STAR 1" EAC	P101-1321C	P101-1621C	P101-2021C	P101-2021C	
REPLACEMENT MEDIA	P101-1321M	P101-1621M	P101-2021M	P101-2021M	

Note: Dimensions in inches, 1" Custom Sizes available, exact and oversized. Also available in 2" thickness for commercial applications.

Compressors, Chillers, Condensers  
 Motors  
 Electrical  
 Heating Components  
 Indoor Air Quality  
 Thermostats  
 Oils & Chemicals  
 Accessories, Supplies & Commodities  
 Tools & Instruments  
 Refrigeration

## Totaline® Star Series 1" Electronic Air Filters

### Fancoil Product Matrix For Bryant AHU Models

<b>BRYANT AHU MODEL# FV4A-</b>	<b>UNIT SIZE 002</b>	<b>UNIT SIZE 003</b>	<b>UNIT SIZE 005</b>	<b>UNIT SIZE 006</b>		
FILTER SIZE	21-1/2" x 16-3/8"	21-1/2" x 19-7/8"	21-1/2" x 19-7/8"	21-1/2" x 23-5/16"		
TOTALINE STAR 1" EAC	P101-1621C	P101-2021C	P101-2021C	P101-2123C		
REPLACEMENT MEDIA	P101-1621M	P101-2021M	P101-2021M	P101-2123M		
<b>BRYANT AHU MODEL# FX4A-</b>	<b>UNIT SIZE 018</b>	<b>UNIT SIZE 030</b>	<b>UNIT SIZE 036</b>	<b>UNIT SIZE 042</b>	<b>UNIT SIZE 048</b>	<b>UNIT SIZE 060</b>
FILTER SIZE	21-1/2" x 13"	21-1/2" x 16-3/8"	21-1/2" x 19-7/8"	21-1/2" x 19-7/8"	21-1/2" x 19-7/8"	21-1/2" x 23-5/16"
TOTALINE STAR 1" EAC	P101-1321C	P101-1621C	P101-2021C	P101-2021C	P101-2021C	P101-2123C
REPLACEMENT MEDIA	P101-1321M	P101-1621M	P101-2021M	P101-2021M	P101-2021M	P101-2123M
<b>BRYANT AHU MODEL# FK4C-</b>	<b>UNIT SIZE 001</b>	<b>UNIT SIZE 002</b>	<b>UNIT SIZE 003</b>	<b>UNIT SIZE 005</b>	<b>UNIT SIZE 006</b>	
FILTER SIZE	21-1/2" x 16-3/8"	21-1/2" x 16-3/8"	21-1/2" x 19-7/8"	21-1/2" x 19-7/8"	21-1/2" x 23-5/16"	
TOTALINE STAR 1" EAC	P101-1621C	P101-1621C	P101-2021C	P101-2021C	P101-2123C	
REPLACEMENT MEDIA	P101-1621 M	P101 -1621M	P101-2021 M	P101-2021 M	P101-2123M	
<b>BRYANT AHU MODEL# FC4B-</b>	<b>UNIT SIZE 018, 024</b>	<b>UNIT SIZE 030, 036</b>	<b>UNIT SIZE 042, 048, 038, 060</b>	<b>UNIT SIZE 054</b>		
FILTER SIZE	21-1/2" x 13"	21-1/2" x 16-3/8"	21-1/2" x 19-7/8"	21-1/2" x 23-5/16"		
TOTALINE STAR 1" EAC	P101-1321C	P101-1621C	P101-2021C	P101-2123C		
REPLACEMENT MEDIA	P101-1321M	P101-1621M	P101-2021M	P101-2123M		
<b>BRYANT AHU MODEL# FB4A-</b>	<b>UNIT SIZE 018, 024</b>	<b>UNIT SIZE 030, 036</b>	<b>UNIT SIZE 042, 048, 038, 060</b>	<b>UNIT SIZE 054, 070</b>		
FILTER SIZE	21-1/2" x 13"	21-1/2" x 16-3/8"	21-1/2" x 19-7/8"	21-1/2" x 23-5/16"		
TOTALINE STAR 1" EAC	P101-1321C	P101-1621C	P101-2021C	P101-2123C		
REPLACEMENT MEDIA	P101-1321M	P101-1621M	P101-2021M	P101-2123M		
<b>BRYANT AHU MODEL# FA4A-</b>	<b>UNIT SIZE 018, 024</b>	<b>UNIT SIZE 030, 036</b>	<b>UNIT SIZE 042, 048, 038, 060</b>	<b>UNIT SIZE 054, 070</b>		
FILTER SIZE	21-1/2" x 13"	21-1/2" x 16-3/8"	21-1/2" x 19-7/8"	21-1/2" x 23-5/16"		
TOTALINE STAR 1" EAC	P101-1321C	P101-1621C	P101-2021C	P101-2123C		
REPLACEMENT MEDIA	P101-1321M	P101-1621M	P101-2021M	P101-2123M		
<b>BRYANT AHU MODEL# FG3A-</b>	<b>UNIT SIZE 024</b>	<b>UNIT SIZE 036</b>	<b>UNIT SIZE 048</b>	<b>UNIT SIZE 060</b>		
FILTER SIZE	16" x 25"	16" x 25"	16" x 20" (2)	16" x 20" (2)		
TOTALINE STAR 1" EAC	P101-1625C	P101-1625C	P101-1620C (2)	P101-1620C (2)		
REPLACEMENT MEDIA	P101-1625M	P101-1625M	P101-1625M (2)	P101-1625M (2)		
<b>BRYANT AHU MODEL# FH4A-</b>	<b>UNIT SIZE 001</b>	<b>UNIT SIZE 002</b>	<b>UNIT SIZE 003</b>	<b>UNIT SIZE 004</b>		
FILTER SIZE	21-1/2" x 13"	21-1/2" x 16-3/8"	21-1/2" x 19-7/8"	21-1/2" x 19-7/8"		
TOTALINE STAR 1" EAC	P101-1321C	P101-1621C	P101-2021C	P101-2021C		
REPLACEMENT MEDIA	P101-1321M	P101-1621M	P101-2021M	P101-2021M		

### Fancoil Product Matrix For Payne AHU Models

<b>PAYNE AHU MODEL# PF1MNA</b>	<b>UNIT SIZE 018, 024</b>	<b>UNIT SIZE 030, 036</b>	<b>UNIT SIZE 042, 048, 060</b>	<b>UNIT SIZE 070,071</b>
FILTER SIZE	21-1/2" x 13"	21-1/2" x 16-3/8"	21-1/2" x 19-7/8"	21-1/2" x 23-5/16"
TOTALINE STAR 1" EAC	P101-1321C	P101-1621C	P101-2021C	P101-2123C
REPLACEMENT MEDIA	P101-1321M	P101-1621M	P101-2021M	P101-2123M

## Totaline® Filter Housings for Gas and Electric Furnaces

The Totaline® Air-Tite Series Filter Housings offer the most well-built, sleek designed and easiest to use galvanized sheet metal filter housings on the market, for residential and light commercial use. It allows for easy access to furnace filters—no panels or door to remove. The Filter Housings are made to fit all gas and electric furnaces through 5 tons and makes a clean and professional installation. Uses standard size pleated or panel filters.

### Standard Features:

- Fully hinged door with magnetic latch and integrated handle provide a tight seal, eliminating air and debris from entering the filter box from surrounding area.
- Removable rails are easy to change to accommodate different filter sizes.
- Heavy 22 gauge galvanized sheet metal has been die cut for smooth edges.
- Solid one piece wrap cabinet design is spot welded and riveted for sturdiness and long life.
- Tabs have rounded corners, which lessens chances of damage in transit or installation injury.
- Mounting holes are provided for faster installation.
- Individually boxed for convenient shipping and warehousing.
- Limited Lifetime Warranty.

### Filter Housing For HEATWAVE Gas Furnace

#### AIR-TITE Housing For 1" Filters

PART NUMBER	OUTSIDE DIMENSIONS			OPENING		FILTER SIZE
	W	H	L	W1	L1	
P102-FHG1425NCHW80	15%	3	28½	12%	25¼	14 x 25
P102-FHG1625NCHW80	17%	3	28½	14%	25¼	16 x 25
P102-FHG2025NCHW80	21%	3	28½	18%	25¼	20 x 25
P102-FHG2424NCHW80	25%	3	28½	22%	25¼	24 x 24

#### AIR-TITE Housing For 1" or 2" Filters

PART NUMBER	OUTSIDE DIMENSIONS			OPENING		FILTER SIZE
	W	H	L	W1	L1	
P102-FHG1425-3HW80	15%	4	28½	12%	25¼	14 x 25
P102-FHG1625-3HW80	17%	4	28½	14%	25¼	16 x 25
P102-FHG2025-3HW80	21%	4	28½	18%	25¼	20 x 25

#### AIR-TITE Housing For 1", 2" or 4" Filters

PART NUMBER	OUTSIDE DIMENSIONS			OPENING		FILTER SIZE
	W	H	L	W1	L1	
P102-FHG1425-6HW80	15%	6	28½	12%	25¼	14 x 25
P102-FHG1625-6HW80	17%	6	28½	14%	25¼	16 x 25
P102-FHG2025-6HW80	21%	6	28½	18%	25¼	20 x 25



### Filter Housing For Gas Furnace

#### AIR-TITE Housing For 1" Filters

PART NUMBER	OUTSIDE DIMENSIONS			OPENING		FILTER SIZE
	W	H	L	W1	L1	
P102-FHG1425-2	15%	3	28½	12%	25¼	14 x 25
P102-FHG1625-2	17%	3	28½	14%	25¼	16 x 25
P102-FHG2025-2	21%	3	28½	18%	25¼	20 x 25
P102-FHG2424-2	25%	3	28½	22%	25¼	24 x 24
P102-FHG3025-2	31%	3	28½	28%	25¼	30 x 25

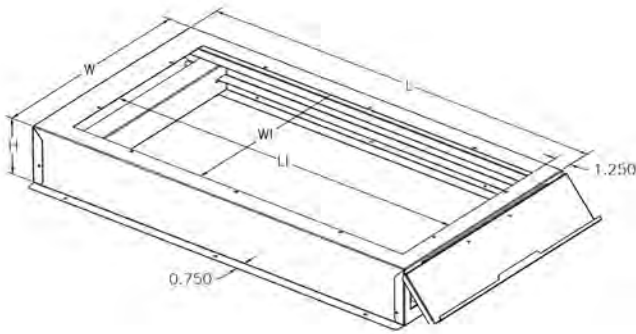
#### AIR-TITE Housing For 1" or 2" Filters

PART NUMBER	OUTSIDE DIMENSIONS			OPENING		FILTER SIZE
	W	H	L	W1	L1	
P102-FHG1425-3	15%	4	28½	12%	25¼	14 x 25
P102-FHG1625-3	17%	4	28½	14%	25¼	16 x 25
P102-FHG2025-3	21%	4	28½	18%	25¼	20 x 25
P102-FHG2424-3	25%	4	28½	22%	25¼	24 x 24
P102-FHG3025-3	31%	4	28½	28%	25¼	30 x 25

#### AIR-TITE Housing For 1", 2" or 4" Filters

PART NUMBER	OUTSIDE DIMENSIONS			OPENING		FILTER SIZE
	W	H	L	W1	L1	
P102-FHG1425-6	15%	6	28½	12%	25¼	14 x 25
P102-FHG1625-6	17%	6	28½	14%	25¼	16 x 25
P102-FHG2025-6	21%	6	28½	18%	25¼	20 x 25
P102-FHG2424-6	25%	6	28½	22%	25¼	24 x 24
P102-FHG3025-6	31%	6	28½	28%	25¼	30 x 25

## Totaline® Filter Housings for Electric Furnaces



### Filter Housing For Electronic Air Handlers

#### AIR-TITE Housing For 1" or 2" Filters

PART NUMBER	OUTSIDE DIMENSIONS			OPENING		FILTER SIZE
	W	H	L	W1	L1	
P102-FHE1420-3	15 $\frac{3}{8}$	4	22	12 $\frac{3}{8}$	18 $\frac{3}{4}$	14 x 20
P102-FHE1620-3	17 $\frac{3}{8}$	4	22	14 $\frac{3}{8}$	18 $\frac{3}{4}$	16 x 20
P102-FHE2020-3	21 $\frac{3}{8}$	4	22	18 $\frac{3}{8}$	18 $\frac{3}{4}$	20 x 20
P102-FHE2020-3T	23 $\frac{1}{2}$	4	22	19 $\frac{3}{4}$	18 $\frac{3}{4}$	20 x 20
P102-FHE2025-3	26 $\frac{3}{8}$	4	22	23 $\frac{3}{8}$	18 $\frac{3}{4}$	20 x 25
P102-FHE2025-3N	21 $\frac{3}{8}$	4	25	18 $\frac{3}{8}$	21 $\frac{3}{4}$	20 x 25

#### AIR-TITE Housing For 1", 2" or 4" Filters

PART NUMBER	OUTSIDE DIMENSIONS			OPENING		FILTER SIZE
	W	H	L	W1	L1	
P102-FHE1420-6	15 $\frac{3}{8}$	6	22	12 $\frac{3}{8}$	18 $\frac{3}{4}$	14 x 20
P102-FHE1620-6	17 $\frac{3}{8}$	6	22	14 $\frac{3}{8}$	18 $\frac{3}{4}$	16 x 20
P102-FHE2020-6	21 $\frac{3}{8}$	6	22	18 $\frac{3}{8}$	18 $\frac{3}{4}$	20 x 20
P102-FHE2020-6T	23 $\frac{1}{2}$	6	22	19 $\frac{3}{4}$	18 $\frac{3}{4}$	20 x 20
P102-FHE2025-6	26 $\frac{3}{8}$	6	22	23 $\frac{3}{8}$	18 $\frac{3}{4}$	20 x 25
P102-FHE2025-6N	21 $\frac{3}{8}$	6	25	18 $\frac{3}{8}$	21 $\frac{3}{4}$	20 x 25

## Totaline® Filter Housings for Gas and Electric Air Handlers

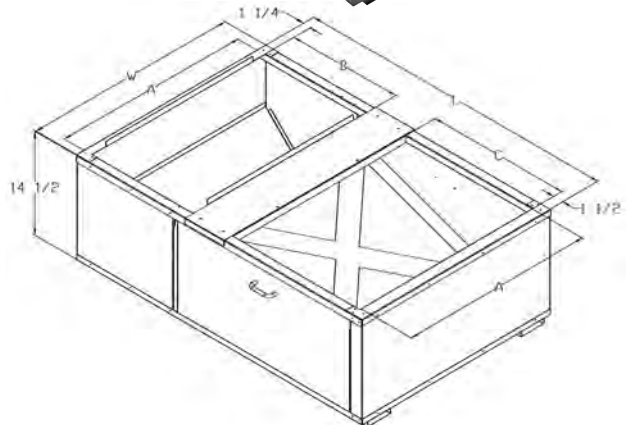
The Totaline® Perfect-Platform Series Filter Housings offer the most well-built, sleek designed and easiest to use galvanized sheet metal filter housings on the market, for residential and light commercial use. The space saving design for vertical installations, keeps furnace off floor eliminating need for wooden platform, thereby reducing installation time and costs.

The Filter Housing allows for easy access to furnace filters without having to enter furnace.

The Filter Housing uses 1", 2" or 4" standard size pleated or panel filters which are positioned on an angle to maximize surface area. They are made to fit 1-3 ton or 3.5 ton electric air handlers or gas furnaces.

#### Standard Features:

- Two, pull-out doors with handle allow filter access from either side.
- Adjustable inlet duct opening replaces need for field forming transition, significantly reducing installation time.
- Removable rails are easy to change to accommodate different filter sizes.
- Heavy gauge galvanized sheet metal has been die cut for smooth edges.
- Solid one piece wrap cabinet design is spot welded and riveted for sturdiness and long life.
- Individually boxed for convenient shipping and warehousing.
- Limited Lifetime Warranty.



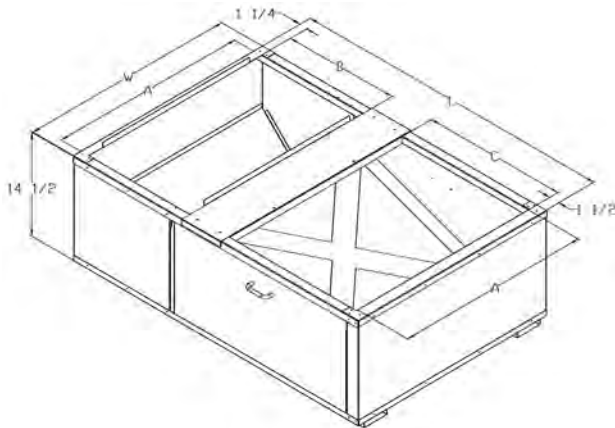
PART NUMBER	W	L	A	B	C	FILTER SIZE
P102-FB2832	28 $\frac{1}{2}$	32	26 $\frac{1}{2}$	8	13 $\frac{1}{2}$	20 x 25
P102-FB2843	28 $\frac{1}{2}$	43	26 $\frac{1}{2}$	10/12	19/22 $\frac{1}{2}$	24 x 24
P102-FB2232	22 $\frac{1}{2}$	32	20 $\frac{1}{2}$	9 $\frac{1}{2}$	14 $\frac{1}{2}$	20 x 20
P102-FB2240	22 $\frac{1}{2}$	40	20 $\frac{1}{2}$	12	20	20 x 25

## Totaline® Media Air Cleaner Platforms for Gas and Electric Furnaces

The Totaline® Perfect-Platform Series Media Air Cleaner Platform from Totaline® offers the most well-built, sleek designed and easiest to use galvanized sheet metal filter housings on the market, for residential and light commercial use. The space saving design for vertical installations, keeps furnace off the floor allowing a cleaner, more professional installation. The platform helps eliminates the possibility of dust, pet hair, insects, rodents, water or sewer backup from entering the furnace. The platform also allows the filter to work at maximum efficiency by eliminating the need for transitions, deflectors or turning vanes, thereby saving installation time and costs.

### Standard Features:

- High efficiency MERV 11 Media Filter is an extra deep, 5¼ inch, 24 pleat filter which contains more media material than other filters on the market. More surface area means more collection area, longer filter life and lower static pressure. Filter lasts up to one year.
- Two, pull-out doors with handles allow filter access from both sides.
- Adjustable inlet duct opening replaces need for field forming transition, significantly reducing installation time.
- Heavy 22 gauge galvanized sheet metal has been die cut for smooth edges, allowing for a smoother installation.
- Individually boxed for convenient shipping and warehousing.
- Limited Lifetime Warranty.



PART NUMBER	W	L	A	B	C	FILTER SIZE	REPLACEMENT FILTER
P102-FB2832-M8	28½	32	26½	8	13½	20 x 25	P102-2025
P102-FB2843-M8	28½	43	26½	10/12	19/22½	20 x 25	P102-2025
P102-FB2232-M2	22½	32	20½	9½	14½	20 x 20	P102-2020
P102-FB2240-M8	22½	40	20½	12	20	20 x 25	P102-2025

Compressors,  
Chillers, Condensers

Motors

Electrical

Heating  
Components

Indoor Air  
Quality

Thermostats

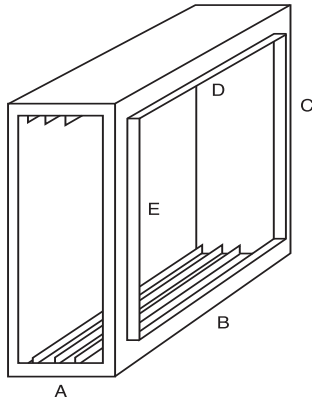
Oils &  
Chemicals

Accessories, Supplies  
& Commodities

Tools &  
Instruments

Refrigeration

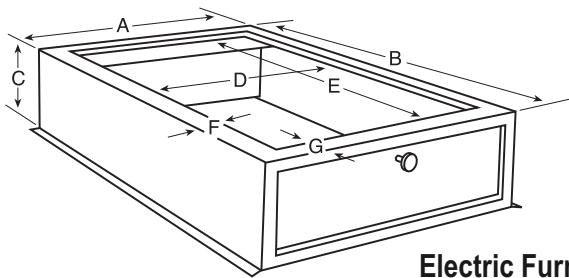
## McDANIEL METALS, INC.



### HORIZONTAL FILTER HOUSING

- Standard filter 1", 2", or 4". Completely insulated.
- HR model is open on one side and blocked off on the other side, cut blocked side to furnace specifications.
- HRB model is blocked off on both sides, cut to fit your furnace specifications and the existing plenum.

PART NO	OVERALL			DUCT OPENING		FILTER SIZE
	A	B	C	D	E	
HR20	6-5/8	25-1/2	22	19-3/4	19	20 x 25
HR25	6-5/8	20-1/2	27	19-3/4	19	20 x 25
HRB20	6-5/8	25-1/2	22	--	--	20 x 25
HRB25	6-5/8	20-1/2	27	--	--	20 x 25



### The Accommodator

- EZ customer filter changes.
- No furnace panels or door to remove.
- Heavy-gauge steel construction.
- Filter base insulated on all 4 sides.
- Makes a professional installation.
- Short base handles 1" and 2" filters, height 3-3/4".
- Tall base handles 1", 2", and 4" filters, height 5-3/4".

### ACCOMMODATOR III FILTER HOUSING

- Available in 1 size.
- Adjustable filter track fits 1" - 7" filter widths.

PART NO	OUTSIDE DIMENSIONS
ACIII 2025	25-1/2 x 23-3/4 x 9-1/2

### Electric Furnaces - Physical Data and Specifications

PART NO	A	B	C	D	E	F	G	FILTER SIZE
ACE1420	15-3/8	22	6	13-7/8	19	1-1/2	1	14 x 20
ACE1620	17-3/8	22	6	14-7/8	19	1-1/2	1	16 x 20
ACE2020	21-3/8	22	6	18-7/8	19	1-1/2	1	20 x 20
ACE2025	26-3/8	22	6	23-7/8	19	1-1/2	1	20 x 25
ACE2025-N	21-3/8	25	5-3/4	18-3/4	21-3/8	1-1/2	1	20 x 25
ACEE1420	15-3/8	22	3	13-7/8	19	1-1/2	1	14 x 20
ACEE1620	17-3/8	22	3	14-7/8	19	1-1/2	1	16 x 20
ACEE2020	21-3/8	22	3	18-7/8	19	1-1/2	1	20 x 20
ACEE2025	26-3/8	22	3	23-7/8	19	1-1/2	1	20 x 25
ACEE2025-N	21-3/8	25	5-3/4	18-3/4	21-3/8	1-1/2	1	20 x 25

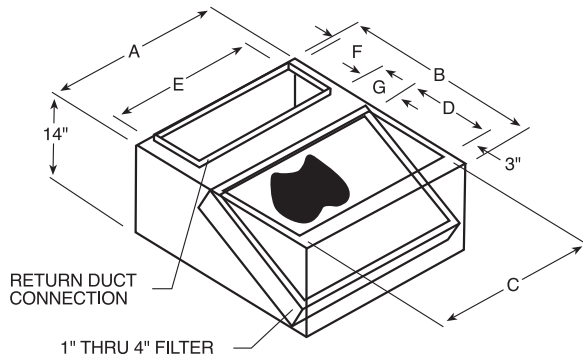
### Gas Furnaces - Physical Data and Specifications

PART NO	A	B	C	D	E	F	G	FILTER SIZE
ACG1425	15-3/8	28-3/8	6	12-7/8	26	1-1/2	1	14 x 25
ACG1425HW80	15-3/8	29	5-3/4	12-7/8	22-1/2	1-3/8	5-1/2	14 x 25
ACGE1425HW80	15-3/8	29	3-3/4	12-7/8	22-1/2	1-3/8	5-1/2	14 x 25
ACG1625	17-3/8	28-3/8	6	14-7/8	26	1-1/2	1	16 x 25
ACH1625HW80	17-3/8	29	5-3/4	14-7/8	22-1/2	1-3/8	5-1/2	16 x 25
ACGE1625HW80	17-3/8	29	3-3/4	14-7/8	22-1/2	1-3/8	5-1/2	16 x 25
ACG2025	21-3/8	28-3/8	6	18-7/8	26	1-1/2	1	20 x 25
ACG2025HW80	21-3/8	29	5-3/4	18-7/8	22-1/2	1-3/8	5-1/2	20 x 25
ACGE2025HW80	21-3/8	29	3-3/4	18-7/8	22-1/2	1-3/8	5-1/2	20 x 25
ACG2424	25-3/8	28-3/8	6	22-7/8	26	1-1/2	1	24 x 24
ACG2424HW80	25-3/8	29	5-3/4	22-7/8	22-1/2	1-3/8	5-1/2	24 x 24
ACGE2424HW80	25-3/8	29	3-3/4	22-7/8	22-1/2	1-3/8	5-1/2	24 x 24
ACGE1425	15-3/8	28-3/8	3	12-7/8	26	1-1/2	1	14 x 25
ACGE1625	17-3/8	28-3/8	3	14-7/8	26	1-1/2	1	16 x 25
ACGE2025	21-3/8	28-3/8	3	18-7/8	26	1-1/2	1	20 x 25
ACGE2424	25-3/8	28-3/8	3	22-7/8	26	1-1/2	1	24 x 24

## McDANIEL METALS, INC.

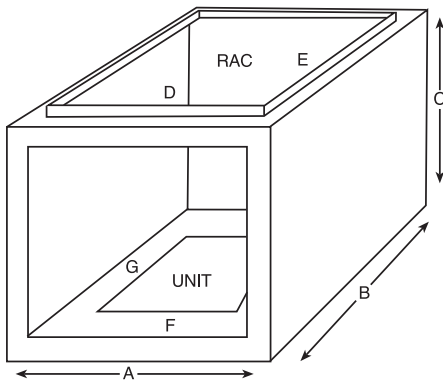
### LABOR SAVER

- Adjustable Filter Rack - 1", 2", and 4".
- Easy access from both sides.
- Available in 2 sizes (1 - 3 ton) (3.5 - 5 ton).
- Lined with 1" insulation.
- Embossed heavy gauge steel construction.
- Makes installation faster and more efficient.
- Filter positioned on angle for maximum surface area.
- No hardware to remove for filter access.



PART NO	A	B	C	D	E	F	G	FILTER SIZE
LS2832	28-1/2	32	26-1/2	13-1/2	24	8	6	20 x 25
LS2832HW80	28-1/2	32	22-1/2	13-1/2	24	8	6	20 x 25
LS2840	28-1/2	40	26-1/2	19	24	10	7	24 x 24
LS2840HW80	28-1/2	40	22-1/2	19	24	10	7	24 x 24
LS2843	28-1/2	43	26-1/2	19	24	13	7	24 x 24
LS2232	22-1/2	32	20-1/2	14-1/2	20-1/2	9-1/2	5	20 X 20
LS2240	22-1/2	40	20-1/2	20	20-1/2	12	5	20 X 25

### COUNTERFLOW FILTER HOUSING



- Counterflow housing.
- Embossed heavy gauge steel.
- Completely insulated.
- 4 sizes through 5 ton.
- Easy access to filters.

PART NO	A	B	C	D	E	F	G	QTY	FILTER SIZE
CF1	15-3/4	21-3/8	12	13-3/4	19-7/8	12-5/8	20-1/8	2	10 x 20 x 1
CF1HW80	14-1/8	23	12	12-1/8	21-3/8	12-5/8	21-5/8	2	10 x 20 x 1
CF2	18-3/4	21-3/8	12	16-3/4	19-7/8	16-1/8	20-1/8	3	10 x 20 x 1
CF2HW80	17-1/2	23	12	15-1/2	21-3/8	16-1/8	21-5/8	3	10 x 20 x 1
CF3	23-1/4	21-3/8	12	21-1/4	19-7/8	20	20-1/8	3	10 x 20 x 1
CF3HW80	21	23	12	19	21-3/8	19-1/2	21-5/8	3	10 x 20 x 1
CF4	27-3/4	21-3/8	12	25-3/4	19-7/8	23-3/8	20-1/8	4	10 x 20 x 1
CF4HW80	24-1/2	23	12	22-1/2	21-3/8	23	21-5/8	4	10 x 20 x 1

### ROLL FILTER

- Adhesive coated fiberglass. • 2 in. thick.
- Roll length — 66 ft. • 1.38 in. square drive hole.

PART NO	ROLL HEIGHT (in)
31NC20-113	23.5
31NA20-193	26.25
31NC40-113	34.5
31NA40-113	37.25
31NC50-113	44.0
31NA50-193	47.25
31NC60-113	58.0
31NA60-193	61.25
31NC70-113	68.0

### COLD AIR DROP (CAD)

- Constructed of 26 ga. galvanized steel with strengthening beads.
- Comes knocked down.
- Easy open access door.
- No elbow needed.
- Accommodates (2) 16 x 20 and 16 x 25, 1" or 2" filters.
- Individually boxed for convenient shipping and warehousing
- Saves time and money.

PART NO	DIMENSIONS (in)
CAD1620	16 x 20
CAD1625	16 x 25

Compressors,  
Chillers, Condensers

Motors

Electrical

Heating  
Components

Indoor Air  
Quality

Thermostats

Oils &  
Chemicals

Accessories, Supplies  
& Commodities

Tools &  
Instruments

Refrigeration

## McDANIEL METALS, INC.

### RETURN AIR PLENUMS

#### RAFP SERIES

- Accepts 1", 2", or 4" filter.
- Features an extra end cap with S and drives into a hole cut to fit return air opening, which attaches to the machine then attaches to the plenum.

#### RAC SERIES

- Same configuration as RAFP without filter channel.

PART NO	DIMENSIONS (in)
RP1-36	21-1/2 x 11-5/8
RP2-36	21-1/2 x 15
RP3-36	21-1/2 x 18-1/2
RP4-36	12-5/8 x 20
RP5-36	15-7/8 x 20
RP6-36	22-7/8 x 20
RP7-36	12-3/8 x 19-7/8
RP8-36	15-5/8 x 19-7/8
RP9-36	19-1/8 x 19-7/8
RP10-36	19-7/8 x 22-3/4
RP11-36	24-3/4 x 21
RP12-36	19 x 16
RP13-36	19 x 19-3/8
RP14-36	19 x 23
RP15-36	19-7/8 x 20 w/ 1/2 flange out
RP16-36	15-7/8 x 24-1/4 w/ 1/2 flange out
RP17-36	19-3/8 x 24-1/4 w/ 1/2 flange out
RP18-36	22-7/8 x 24-1/4 w/ 1/2 flange out
RP26-24	22-1/8 x 12-3/4 x 24
RP27-24	22-1/8 x 16-1/8 x 24
RP28-24	22-1/8 x 19-1/2 x 24
RP29-24	22-1/8 x 23 x 24
RP30-24	14 x 14 x 24
RP31-24	14 x 20 x 24
RP32-24	14 x 24 x 24
RP33-24	14 x 30 x 24
RP34-24	20 x 20 x 24
RP35-24	20 x 25 x 24
RP36-36	20 x 20 x 36
RP-PEX	20 x 19-1/4 x 24
RAFP	20 x 25 x 24 w/Filter Rack
RAFP20/25-3	20 x 25 x 36 w/Filter Rack
RAC24	20 x 25 x 24 R/A Plenum
RAC36	20 x 25 x 36 R/A Plenum
RP37	22-1/2 x 13-7/8
RP38	22-1/2 x 17-7/8
RP39	16 x 25

The above plenums are also available in 48" length.  
The PART NO. is RP#-48 (i.e. RP1-48).

### DOWNFLOW SUPPLY PLENUMS

PART NO	DIMENSIONS (in)
DFSP248	8 x 24 Opening 20 Ga.
DFSP2412	12 x 24 Opening 20 Ga.

### SUPPLY PLENUMS

- Constructed of 26 ga. galvanized steel with strengthening beads. One-inch lined.
- Individually boxed and labeled to customer specifications for convenient shipping and warehousing.
- Custom sizes available.

PART NO	DIMENSIONS (in)
SP1-36	12-5/8 x 19
SP2-36	16 x 19
SP3-36	19-3/8 x 19
SP4-36	23 x 19
SP5-36	16 x 21
SP6-36	23 x 21
SP7-36	34 x 21
SP8-36	12-1/2 x 11
SP9-36	16 x 11-1/4
SP10-36	19-1/2 x 11-1/4
SP11-36	13-1/4 x 21
SP12-36	16-3/4 X 21
SP13-36	20 x 21
SP14-36	23 x 23-1/2
SP15-36	3/4 x 21
SP16-36	21-3/4 x 21
SP17-36	24-3/4 X 21
SP18-36	16 x 16 x 36
SP19-36	20 x 20 x 36
SP20-36	16-3/4 x 14
SP21-36	16-3/4 x 17-5/8
SP22-36	16-3/4 x 21-1/4
SP23-36	16-3/4 x 24-7/8
SP24-36	12 x 14-3/8
SP25-36	12 x 17-7/8
SP26-36	12 x 21-1/2
SP27-36	12 x 25-1/8
SP28-48	19-1/2 x 20
SP29-48	13 x 20
SP30-36	11 x 20
SP31-36	11 x 23
SP32-36	11 x 22-3/4
SP33-36	18-5/8 x 21-1/4
SP34-36	30-5/8 x 21-1/4
SP35-36	13 x 19-3/4
SP36-36	16 x 19-3/4
SP37-36	19-1/2 x 19-3/4
SP38-36	12-3/4 x 19
SP39	14-3/16 x 18-9/16
SP40	17-1/2 x 18-9/16
SP41	21 x 18-9/16
SP42	24-1/2 x 18-9/16
SP43	22-3/4 x 16
SP44	28-3/8 x 21
SP45	30-3/8 x 21

## McDANIEL METALS, INC.

### DRAIN PANS

- Constructed of 20 ga. galvanized steel.
- Welded corners and welded 3/4 MPT fitting.

PART NO	DIMENSIONS (in)
DP14X44-26	14 x 44, 26 Ga. Galvanized Steel
DP16X44-20	16 x 44, 20 Ga. Galvanized Steel
DP32X36-26	32 x 36, 26 Ga. Galvanized Steel
DP31X48-26	31 x 48, 26 Ga. Galvanized Steel
DP31X60-26	31 x 60, 26 Ga. Galvanized Steel
DP31X65-26	31 x 65, 26 Ga. Galvanized Steel

### HEATER PLATFORMS

- All platforms in each series constructed of 5/8" plywood.
- All platforms in each series covered in sheet metal.
- Heater stands constructed of 20 ga. galvanized steel.
- Saves time and money.

### HFP SERIES

- Platform has two heater stands zip screwed to the top.
- Used primarily with horizontal gas furnaces.
- Just nail to studs — no need to hang furnace.

### HBCP SERIES

- Platform has a drain pan spot welded to the top as well as heater stands spot welded into the interior of pan.
- Used primarily with electric air handlers.
- Makes a professional installation.

### HFCP SERIES

- Platform has a drain pan spot welded to one side with a heater stand spot welded in the interior of the pan.
- Two heater stands zip screwed to the other side to accommodate a gas furnace.
- Used with a horizontal gas furnace and horizontal evaporator coil.

PART NO	DIMENSIONS (in)
HFP2448	24 x 48 Platform
HFP3048	30 x 48 Platform
HBCP3248	32 x 48 Platform with Drain Pan Spout
HBCP3260	32 x 60 Platform with Drain Pan Spout
HBCP3266	32 x 66 Platform with Drain Pan Spout
HBCP3276	32 x 76 Platform with Drain Pan Spout
HFCP3556	35 x 66 Platform with 24 x 35 Drain Pan

### SLEEVES

- Sleeves give extension to get past the flue in horizontal applications.

PART NO	DIMENSIONS (in)
TR11-10	12-9/16 x 20
TR12-10	15-7/8 x 20
TR13-10	19-3/8 x 20
TR14-10	22-7/8 x 20

### HEATER STANDS

- Constructed of 20 ga. galvanized steel.

PART NO	DIMENSIONS (in)
HS9X30	9 x 30 FLAT
HS6X30	6 x 30 FLAT
HS6X30WC	6 x 30 FLAT W/CAP

### TRANSITIONS

- Constructed of 26 ga. galvanized steel.
- One-half inch lined.
- Twelve inches long.
- Individually boxed and labeled to customer specifications for convenient shipping and warehousing.

PART NO	DIMENSIONS (in)
TR1-18	19 x 12-5/8 to 16 x 21
TR2-18	19 x 14 to 23 x 21
TR3-18	19 x 16 to 23 x 21
TR4-18	19 x 19-1/2 to 34 x 21
TR5-18	11-1/4 x 21-1/2 to 16 x 21
TR6-18	11-1/4 x 21-1/2 to 23 x 21
TR7-18	14-3/4 x 21-1/2 to 23 x 21
TR8-18	18-3/4 x 21-1/2 to 34 x 21
TR9-18	19 x 22-7/8 to 34 x 21
TR10-18	19 x 14 to 16 x 21
TR15-18	19 x 14 to 16 x 21
TR16-18	19 x 16 to 34 x 21
TR17-18	19 x 19-1/2 to 23 x 21
TR21-8	13-1/4 x 23-5/8 to 13-1/4 x 20-3/4 w/ 1.5-in. liner
TR22-8	13-1/4 x 23-5/8 to 13-3/4 x 24 w/ 1.5-in. liner
TR23-8	16-1/2 x 23-5/8 to 13-1/4 x 20-3/4 w/ 1.5-in. liner
TR24-8	16-1/2 x 23-5/8 to 13-3/4 x 24 w/ 1.5-in. liner
TR25-8	16-1/2 x 23-5/8 to 18 x 18-3/4 w/ 1.5-in. liner
TR26-8	16-1/2 x 23-5/8 to 18 x 23-1/2 w/ 1.5-in. liner
TR27-8	20 x 23-5/8 to 13-3/4 x 24 w/ 1.5-in. liner
TR28-8	20 x 23-5/8 to 18 x 18-3/8 w/ 1.5-in. liner
TR29-8	20 x 23-5/8 to 18 x 23-1/2 w/ 1.5-in. liner
TR30-8	23-1/2 x 23-5/8 to 13-3/4 x 24 w/ 1.5-in. liner
TR31-8	23-1/2 x 23-5/8 to 18 x 18-3/8 w/ 1.5-in. liner
TR32-8	23-1/2 x 23-5/8 to 18 x 23-1/2 w/ 1.5-in. liner
TR33-18	19 x 12-5/8 to 23 x 21
TR34-18	19 x 12-5/8 to 18-5/8 x 21-1/4
TR35-18	19 x 19-1/2 to 30-5/8 x 21-1/4
TR36-18	BLOCKOUT TRANSITION
TR11-10	12-9/16 x 20
TR12-18	15-7/8 x 20
TR13-10	19-3/8 x 20
TR14-10	22-7/8 x 20
TR15-18	19 x 14 to 16 x 21
TR18-6	12-3/4 x 19-1/4 to 16-1/8 x 19

# Indoor Air Quality

## McDANIEL METALS, INC.

### CARRIER/BRYANT/PAYNE REFERENCE CHARTS

#### SUPPLY PLENUM

PART NO	FOR CARRIER UNITS	DIMENSIONS (in)
SP1-36	CK5BXA24/30	12-5/8 x 19 x 36
SP2-36	CK5BXA36	16 x 19 x 36
SP3-36	CK5BXA42/48	19-3/8 x 19 x 36
SP4-36	CK5BXA60	23 x 19 x 36
SP5-36	CE3AXA24/30	16 x 21 x 36
SP6-36	CE3AXA36	23 x 21 x 36
SP7-36	CE3AXA36/42/48	34 x 21 x 36
SP8-36	FA/FB4ANF18/24	12-1/2 x 11 x 36
SP9-36	FA/FB4ANF30/36	16 x 11-1/4 x 36
SP10-36	FA/FB4ANF42/48/60	19-1/2 x 11-1/4 x 36

#### RETURN PLENUM

PART NO	CARRIER UNITS	BRYANT UNITS	PAYNE UNITS	DIMENSIONS (in)
RP1-36	58EFB075	349HAV	--	21-1/2 x 11-5/8 x 36
RP2-36	58EFB100	349HAV	--	21-1/2 x 15 x 36
RP3-36	58EFB125	349HAV	--	21-1/2 x 18-1/2 x 36
RP4-36	58RAV050-12	373HAV	PG8DAA	12-9/16 x 20 x 36
RP4-36	58RAV070-12	373 HAV	PG8DAA	12-9/16 x 20 x 36
RP5-36	58RAV095-1-16	373HAV	PG8DAA	15-7/8 x 20 x 36
RP6-36	58RAV115-1-20	373HAV	PG8DAA	22-7/8 x 20 x 36

#### TRANSITIONS

PART NO	DIMENSIONS (in)	CARRIER UNITS	BRYANT UNITS	PAYNE UNITS
TR1-18	19 x 12-5/8 to 16 x 21 x 18	58RAV050-1-08	481BAV024	PG8DAA
TR1-18	19 x 12-5/8 to 16 x 21 x 18	--	373LAV	PG8DAA
TR2-18	19 x 14 to 23 x 21 x 18	58RAV070-1-12	481BAV036070	PG8DAA
TR2-18	19 x 14 to 23 x 21 x 18	58AZV070	373LAV	PG8DAA
TR2-18	19 x 14 to 23 x 21 x 18	--	375CAV	--
TR3-18	19 x 16 to 23 x 21 x 18	58FAV095-1-16	481BAV048095	PG8DAA
TR3-18	19 x 16 to 23 x 21 x 18	--	373LAV	PG8DAA
TR3-18	19 x 16 to 23 x 21 x 18	--	349HAZ036050	--
TR4-18	19 x 19-1/2 to 34 x 21 x 18	58RAV115-1-20	349HAZ036050	--
TR4-18	19 x 19-1/2 to 34 x 21 x 18	--	373LAV	PG8DAA
TR5-18	11-1/4 x 21-1/2 to 16 x 21 x 18	58EFA050-1-12	349HAZ036050	--
TR6-18	11-1/4 x 21-1/2 to 21 x 21 x 18	58EFA075-1-60	349HAZ036075	--
TR7-18	14-3/4 x 21-1/2 to 23 x 21 x 18	58EFA100-1-16	349HAZ048100	--
TR8-18	18-3/4 x 21-1/2 to 34 x 21 x 18	58EFA125-1-20	349HAZ060125	--
TR9-18	19 x 22-7/8 to 34 x 21 x 18	58WAV136-20	395CAV	--
TR9-18	19 x 22-7/8 to 34 x 21 x 18	58UHV100-20	--	--
TR10-18	19 x 14 to 21 x 18	2.5 Ton 3T Appl	--	--
TR11-10	12-9/16 x 29 x 10	58RAV050/070	373LAV	PG8DAA050/070
TR12-10	15-7/8 x 20 x 10	58RAV095-1-16	373LAV	PG8DAA048095
TR13-10	19-3/8 x 20 x 10	58RAV115-1-20	373LAV	PG8DAA060115
TR14-10	22-7/8 x 20 x 10	58RAV135-1-20	373LAV	PG8DAA060135

# Indoor Air Quality

## McDANIEL METALS, INC.

### CARRIER/BRYANT/PAYNE REFERENCE CHARTS

#### FAN COIL UNITS

Fan Coil Unit	Return Plenum	Supply Plenum	Drain Pans	Accommodator Filter Housings	Labor Saver Filter Housing
FA4BNF024	RP7	SP8	DP31X48-26 / DP31X48-20	ACE1420 / ACEE1420	LS2232
FA4BNF030	RP8	SP9	DP31X60-26 / DP31X60-20	ACE1620 / ACEE1620	LS2232
FA4BNF036	RP8	SP9	DP31X60-26 / DP31X60-20	ACE1620 / ACEE1620	LS2232
FA4BNF042	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FA4BNF048	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FA4BNF060	RP10	SP32	DP31X60-26 / DP31X60-20	ACE2025 / ACEE2025	LS2240
FB4BNF024	RP7	SP8	DP31X48-26 / DP31X48-20	ACE1420 / ACEE1420	LS2232
FB4BNF030	RP8	SP9	DP31X60-26 / DP31X60-20	ACE1620 / ACEE1620	LS2232
FB4BNF036	RP8	SP9	DP31X60-26 / DP31X60-20	ACE1620 / ACEE1620	LS2232
FB4BNF042	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FB4BNF048	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FB4BNF060	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FB4BNB070	RP10	SP32	DP31X65-26 / DP31X65-20	ACE2025 / ACEE2025	LS2240
FC4CNF030	RP8	SP9	DP31X60-26 / DP31X60-20	ACE1620 / ACEE1620	LS2232
FC4CNF042	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FC4CNF048	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FC4CNB060	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FK4CNF003	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FK4CNF005	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FK4CNB006	RP10	SP32	DP31X65-26 / DP31X65-20	ACE2025 / ACEE2025	LS2240
FK4DNF002	RP8	SP9	DP31X60-26 / DP31X60-20	ACE1620 / ACEE1620	LS2232
FK4DNF003	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FK4DNF005	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FK4DNB006	RP10	SP32	DP31X65-26 / DP31X65-20	ACE2025 / ACEE2025	LS2240

Include on part number '-24' for 24" long plenum  
 Include on part number '-36' for 36" long plenum  
 Include on part number '-48' for 48" long plenum  
 Part number ending in 'T' is lined with R-6 insulation  
 Part number ending in 'U' is uninsulated  
 Part number ending in 'R8' is lined with R-8 insulation

# Indoor Air Quality

## McDANIEL METALS, INC.

### CARRIER/BRYANT/PAYNE REFERENCE CHARTS

#### FAN COIL UNITS

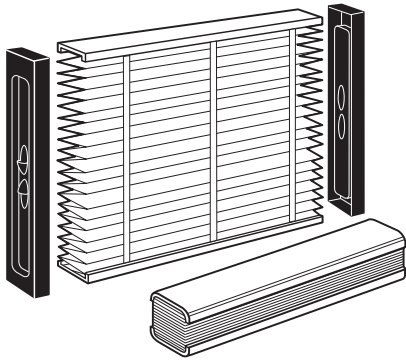
Fan Coil Unit	Return Plenum	Supply Plenum	Drain Pans	Accommodator Filter Housings	Labor Saver Filter Housing
FV4BNF002	RP8	SP9	DP31X60-26 / DP31X60-20	ACE1620 / ACEE1620	LS2232
FV4BNF003	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FV4BNF005	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FV4BNB006	RP10	SP32	DP31X65-26 / DP31X65-20	ACE2025 / ACEE2025	LS2240
FX4BNF030	RP8	SP9	DP31X60-26 / DP31X60-20	ACE1620 / ACEE1620	LS2232
FX4BNF036	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FX4BNF048	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FX4BNB060	RP10	SP32	DP31X65-26 / DP31X65-20	ACE2025 / ACEE2025	LS2240
FE4ANF002	RP8	SP9	DP31X60-26 / DP31X60-20	ACE1620 / ACEE1620	LS2232
FE4ANF003	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FE4ANF005	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
FE4ANF006	RP10	SP32	DP31X65-26 / DP31X65-20	ACE2025 / ACEE2025	LS2240
PF1MNC018	RP7	SP8	DP31X48-26 / DP31X48-20	ACE1420 / ACEE1420	LS2232
PF1MNC024/030	RP8	SP9	DP31X60-26 / DP31X60-20	ACE1620 / ACEE1620	LS2232
PF1MNC036	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
PF1MNC042/043	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
PF1MNC048/049	RP9	SP10	DP31X60-26 / DP31X60-20	ACE2020 / ACEE2020	LS2240
PF1MNC060/061	RP10	SP32	DP31X65-26 / DP31X65-20	ACE2025 / ACEE2025	LS2240

Include on part number '-24' for 24" long plenum  
 Include on part number '-36' for 36" long plenum  
 Include on part number '-48' for 48" long plenum  
 Part number ending in 'T' is lined with R-6 insulation  
 Part number ending in 'U' is uninsulated  
 Part number ending in 'R8' is lined with R-8 insulation

# Indoor Air Quality

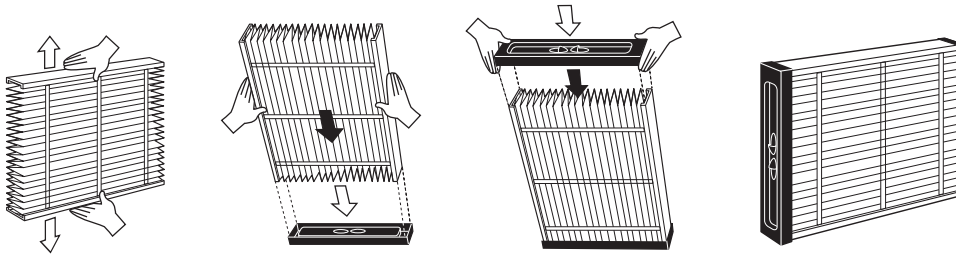
## REPLACEMENT FILTERS

### EZ FLEX REPLACEMENT FILTER



#### FEATURES:

- EZ to assemble
- saves up to 99% on assembly time
- no combs
- Flexible (replaces competitors)
- MPKA media cabinet
- MACA media cabinet
- Honeywell, Space-Guard, Trion
- MERV10
- Patent pending



MEDIA AIR CLEANER	NOMINAL SIZE	EXPXXUNV		EXPXXLMC		
		0016	0020	0016	0020	0024
Carrier MACA	16 x 25	X				
	20 x 25		X			
Carrier MPKA	16 x 25			X		
	20 x 25				X	
	24 x 25					X
Space-Gard® 2200	20 x 25		X			
Honeywell F35 Expandapac	16 x 25	X				
	20 x 25		X			
Honeywell F100F	16 x 25	X				
	20 x 25		X			
Honeywell F150E	16 x 25	X				
	20 x 25		X			
Honeywell F200E	16 x 25	X				
	20 x 25		X			
Trion® Air Bear	16 x 25	X				
	20 x 25		X			
EXPXXFIL0016*	16 x 25	X		X		
EXPXXFIL0020*	20 x 25		X		X	
EXPXXFIL0024*	24 x 25					X

**KITS (Expandable Filter + Plastic End Caps):**

**EXPXXUNV = Universal Kit that fits:**

- Carrier MACA
- Honeywell F100E/F150E/F200E
- TrionAirBear
- Research Products (Space-Gard 2200)
- New WeatherMaker® 8000 Platform

**EXPXXLMC = Furnace Media Cabinet Kit that fits:**

- Carrier Furnace Media Cabinets
- Carrier MPKA

**REPLACEMENTS (Expandable Filters only):**

Can use end caps from old filter.

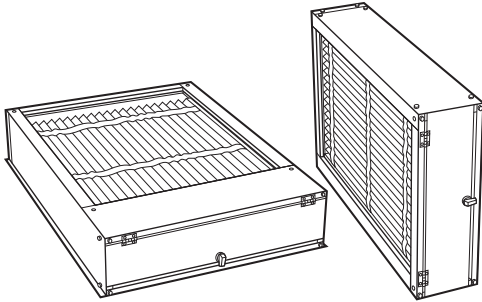
**EXPXXFIL: Replacement Filters only – 10 pack**

PART NO	DESCRIPTION
EXPXXFIL0016	EZFLEX EXPANDABLE FILTER
EXPXXFIL0020	EZFLEX EXPANDABLE FILTER
EXPXXFIL0024	EZFLEX EXPANDABLE FILTER
EXPXXLMC0016	EZFLEX EXPANDABLE FILTER + PLASTIC END CAP
EXPXXLMC0020	EZFLEX EXPANDABLE FILTER + PLASTIC END CAP
EXPXXLMC0024	EZFLEX EXPANDABLE FILTER + PLASTIC END CAP
EXPXXUNV0016	EZFLEX EXPANDABLE FILTER + PLASTIC END CAP
EXPXXUNV0020	EZFLEX EXPANDABLE FILTER + PLASTIC END CAP

## EZ FLEX GRILLES AND BASES

### EZ FLEX FILTER CABINET

#### SIDE RETURN PAINTED CABINET WITHOUT FILTER



The Totaline® EZ FLEX Filter Cabinet is available in six sizes, four vertical models 14" x 25" with wide flange to fit 14" wide furnace, 16" x 25" to fit 17" furnace, 20" x 25" to fit 20" furnace, 24" x 24" to fit 24" furnace. Vertical model EZ FLEX housings are designed to fit the new Heatwave 80 furnaces. Totaline EZ FLEX Filter Cabinets provide easy access for filter changes, and having the EZ FLEX filter as the replacement for this cabinet will save you time with its quick and easy assembly.

#### FEATURES:

- Fully insulated cabinet, 18 ga. steel with powder paint finish.
- Easy access hinged door and EZ FLEX filter makes for quick & easy filter change.
- Can be purchased with or without EZ FLEX filter.

#### EZ FLEX FEATURES:

- MERV10.
- EZ to assemble, no combs.
- Patent Pending.

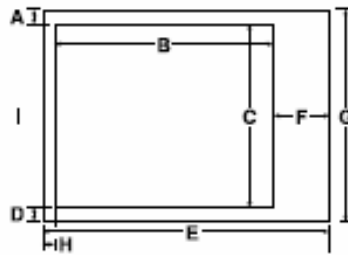
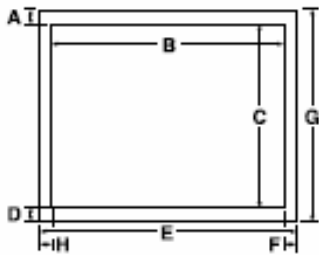
#### SPECIFICATIONS:

**Material:** 18 ga. steel construction.

**Construction:** Fully insulated cabinet with hinged door for easy access, high quality latch and gasket on door creates a tight seal.

**Finish:** Powder paint, grey.

FILTER CABINET MODEL NO	FILTER SIZE (in)	EZ FLEX KIT*	EZ FLEX MEDIA ONLY**
EZF1625SRP	16 x 25	EXPXXUNV0016	EXPXXFIL0016
EZF2025SRP	20 x 25	EXPXXUNV0020	EXPXXFIL0020



\*The EZ-Flex kit includes the plastic end panels in the box.  
 \*\*The media only can be used only if the filter has the end panels from a previous installation.  
 These filters are direct replacements for EZ-Flex filter assemblies.

#### DIMENSIONS:

FILTER CABINET MODEL NO.	A	B	C	D	E	F	G	H	I
<b>SIDE RETURN CABINET</b>									
EZF1625SRP	1.375 in. (.35 cm)	24 in. (61 cm)	14.625 in. (37 cm)	1.375 in. (.35 cm)	26 in. (66 cm)	1 in. (.26 cm)	17.375 in. (44.1 cm)	1 in. (.26 cm)	—
EZF2025SRP	1.375 in. (.35 cm)	24 in. (61 cm)	18.625 in. (47.3 cm)	1.375 in. (.35 cm)	26 in. (66 cm)	1 in. (.26 cm)	21.375 in. (54.2 cm)	1 in. (.26 cm)	—
<b>UPFLOW CABINET</b>									
EZF1425UFP	2.875 in. (.73 cm)	22.25 in. (56.5 cm)	12.625 in. (32 cm)	2.875 in. (.73 cm)	29 in. (73.6 cm)	5.75 in. (14.6 cm)	17.375 in. (44.1 cm)	1 in. (.26 cm)	5.875 in. (14.9 cm)
EZF1625UFP	1.375 in. (.35 cm)	22.25 in. (56.5 cm)	14.625 in. (37 cm)	1.375 in. (.35 cm)	29 in. (73.6 cm)	5.75 in. (14.6 cm)	17.375 in. (44.1 cm)	1 in. (.26 cm)	5.875 in. (14.9 cm)
EZF2025UFP	1.375 in. (.35 cm)	22.25 in. (56.5 cm)	18.625 in. (47.3 cm)	1.375 in. (.35 cm)	29 in. (73.6 cm)	5.75 in. (14.6 cm)	21.375 in. (54.2 cm)	1 in. (.26 cm)	5.875 in. (14.9 cm)
EZF2425UFP	1.375 in. (.35 cm)	22.25 in. (56.5 cm)	22.625 in. (57.4 cm)	1.375 in. (.35 cm)	29 in. (73.6 cm)	5.75 in. (14.6 cm)	25.375 in. (64.4 cm)	1 in. (.26 cm)	5.875 in. (14.9 cm)

#### SIDE RETURN PAINTED CABINET WITH FILTER

FILTER CABINET MODEL NO	FILTER SIZE (in)	EZ FLEX KIT*	EZ FLEX MEDIA ONLY**
EZF1625SRP-WR	16 x 25	EXPXXUNV0016	EXPXXFIL0016
EZF2025SRP-WF	20 x 25	EXPXXUNV0020	EXPXXFIL0020

## EZ FLEX GRILLES AND BASES

### EZ FLEX FILTER CABINET

#### UPFLOW PAINTED CABINET WITHOUT FILTER

FILTER CABINET MODEL NO	FILTER SIZE (in)	EZ FLEX KIT*	EZ FLEX MEDIA ONLY**
EZF1425UFP	14 x 25	EXPXXUNV0016	EXPXXFIL0016
EZF1625UFP	16 x 25	EXPXXUNV0016	EXPXXFIL0016
EZF2025UFP	20 x 25	EXPXXUNV0020	EXPXXFIL0020
EZF2424UFP	24 x 24	EXPXXUNV0024	EXPXXFIL0024

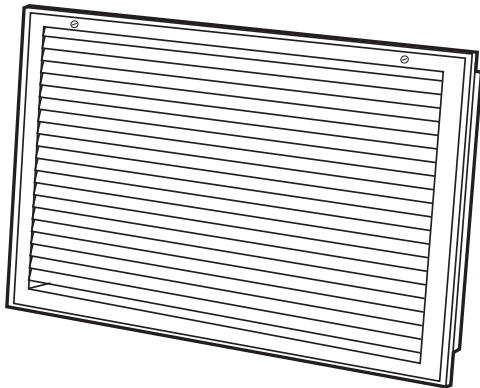
#### UPFLOW PAINTED CABINET WITH FILTER

FILTER CABINET MODEL NO	FILTER SIZE (in)	EZ FLEX KIT*	EZ FLEX MEDIA ONLY**
EZF1425UFP-WF	14 x 25	EXPXXUNV0016	EXPXXFIL0016
EZF1625UFP-WF	16 x 25	EXPXXUNV0016	EXPXXFIL0016
EZF2025UFP-WR	20 x 25	EXPXXUNV0020	EXPXXFIL0020
EZF2424UFP-WF	24 x 24	EXPXXUNV0024	EXPXXFIL0024

\*The EZ-Flex kit includes the plastic end panels in the box.

\*\*The media only can be used only if the filter has the end panels from a previous installation.  
These filters are direct replacements for EZ-Flex filter assemblies.

### EZ FLEX RETURN AIR FILTER GRILLE



The Totaline® EZ FLEX Return Air Filter Grille is designed for both commercial and residential applications. It provides easy access for filter changes, and having the EZ FLEX filter as the replacement for this cabinet will save you time with its quick and easy assembly. Nominal sizes available are for 16" x 25" and 20" x 25" filter.

#### FEATURES:

- Attractive white aluminum, easy to wipe clean.
- Wide margin for easy wall or ceiling installation.
- Concealed hinges for neat appearance, hinged face fits flush with frame.

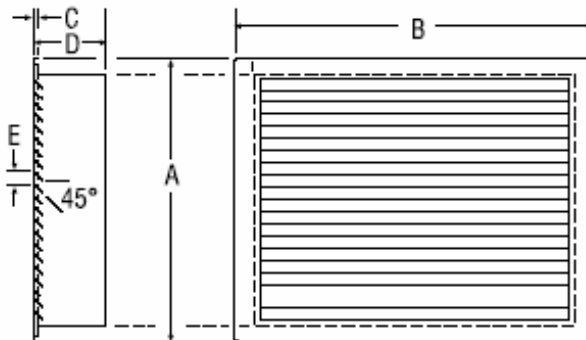
#### SPECIFICATIONS:

Material: Extruded and rolled aluminum.

Face: Extruded frame with miter/welded corners. Individual extruded bars horizontally set on 3/4" centers and fixed at a 45° angle of deflection.

Finish: EDP white.

FILTER GRILLE CABINET MODEL NO	FILTER SIZE (in)	EZ FLEX KIT*	EZ FLEX MEDIA ONLY**
P907-RAG-EZF-1625	16 x 25	EXPXXUNV0016	EXPXXFIL0016
P907-RAG-EZF-2025	20 x 25	EXPXXUNV0020	EXPXXFIL0020



\*The EZ FLEX kit includes the plastic end panels in the box.

\*\*The media only can be used only if the filter has the end panels from a previous installation.

These filters are direct replacements for EZ FLEX filter assemblies.

#### DIMENSIONS:

FILTER GRILLE CABINET MODEL	A	B	C	D	E
P907-RAG-EZF-1625	16 in. (40.5 cm)	25 in. (63.5 cm)	1/4 in. (.63 cm)	5in. (12.7 cm)	3/4 in. (.19 cm)
P907-RAG-EZF-2025	20 in. (51 cm)	26 in. (66 cm)	5in. (12.7 cm)	1/4 in. (.63 cm)	3/4 in. (.19 cm)

## Totaline® 4-Wire Duct Smoke Detectors - Photoelectric, Adjustable Mount

Totaline® 4-Wire Adjustable Mount Photoelectric Duct Smoke Detectors with System Sensor InnovairFlex technology combines an innovative collection of design enhancements and advancements to provide you with the flexibility you need to fit almost any application. Versatile, one unit can accommodate multiple installation footprints to overcome mounting constraints. The Totaline® P270-3000PL and the P270-D4120W Duct Smoke Detectors are both UL Listed.



### Features

- Photoelectric, integrated low-flow technology
- Air velocity rating from 100 ft/min to 4,000 ft/min (0.5 m/s to 20.32 m/sec)
- Versatile mounting options: square or rectangular configuration
- Plug-in sensor offers superb false alarm immunity and the latest sensor technology
- Broad ranges for operating temperature (-4°F to 158°F) and humidity (0% to 95% non-condensing)
- Patented sampling tube installs from front or back of the detector with no tools required
- Increased wiring space with a newly added 3/4-inch conduit knockout
- One easy-access Test/Reset button and improved LED status
- System Sensor's patented interconnect feature for multi-fan shutdown.
- New high contrast terminal designations
- Built-in short circuit protection from operator wiring errors.
- Field selectable settings for configuring the detector
- Two DPDT Form-C relay contacts
- 24 VAC/DC or 120VAC.
- Watertight Model additional features;
  - NEMA Type 4 UL listed for non-hazardous indoor and outdoor applications
  - UV Resistant, UL listed housing and cover material

### Electrical Ratings

<b>Power supply voltage:</b>	20–29 VDC	24 VAC 50–60 Hz	120 VAC 50–60 Hz
<b>Input capacitance:</b>	270 µF max.	270 µF max.	N/A
<b>Reset voltage:</b>	3.0 VDC min.	2.0 VAC min.	10 VAC min.
<b>Reset time: (with P271-RTS151)</b>	.03 to 0.3 sec.	.03 to 0.3 sec.	.03 to 0.3 sec.
<b>Reset time: (bypower down)</b>	0.6 sec. max.	0.6 sec. max.	0.6 sec. max.
<b>Power up time:</b>	35 sec. max.	35 sec. max.	35 sec. max.
<b>Alarm response time:</b>	15 sec.	15 sec.	15 sec.
<b>Sensitivity Test:</b>	See detector label	See detector label	See detector label
<b>Current Requirements: (Using No Accessories)</b>			
<b>Max. standby current:</b>	21 mA @ 24VDC	65 mA RMS @ 24VAC 60Hz	20 mA RMS @ 120VAC 60Hz
<b>Max. alarm current:</b>	65 mA @ 24VDC	135 mA RMS @ 24VAC 60Hz	35 mA RMS @ 120VAC 60Hz

### Contact Ratings

Alarm initiation contacts: (SPST)	2.0A @ 30 VDC (resistive)
Alarm auxiliary contacts: (DPDT)	10A @ 30 VDC (resistive) 10A @ 250 VAC (resistive) ½ HP @ 240 VAC ¼ HP @ 120 VAC
Note: Alarm auxiliary contacts shall not be connected to initiating circuits of control panels. Use the alarm initiation contact for this purpose.	
Supervisory contacts: (SPDT)	2.0A @ 30 VDC (resistive) 2.0A @ 125 VAC (resistive)

## Totaline® P270-3000PL Duct Smoke Detector

The Totaline® P270-3000PL 4-wire photoelectric duct smoke detector features a pivoting housing that fits both square and rectangular footprints and mounts to round or rectangular ductwork. This unit senses smoke in the most challenging conditions, operating in airflow speeds of 100 to 4,000 feet per minute, temperatures of -4°F to 158°F, and a humidity range of 0 to 95 percent (non-condensing). A plug-in sensor head offers improved false alarm immunity and simple installation, testing, and maintenance. An improved cover design isolates the sensor head from the low-flow feature for simple maintenance.



PART NO	(Rectangular Dimensions)	(Square Dimensions)	Weight	Operating Temperature Range	Storage Temperature Range	Operating Humidity Range	Air Duct Velocity
P270-3000PL	14.38 in (37 cm) Length 5 in (12.74 cm) Width; 2.5 in (6.36 cm) Depth	7.75 in (19.7 cm) Length 9 in (22.9 cm) Width; 2.5 in (6.35cm) Depth	2.5 lbs (1.14 kg)	-4° to 158°F (-20° to 70°C)	-22° to 158° (- 30° to 70°C)	0% to 95% relative humidity non-condensing	100 to 4000 ft/min (0.5 to 20.32 m/sec)

## Totaline® 4-Wire Duct Smoke Detectors - Photoelectric, Adjustable Mount Totaline® P270-D4120W Watertight Duct Smoke Detector

The Totaline® P270-D4120W watertight 4-wire photoelectric duct smoke detector is UL listed as a watertight enclosure providing protection against falling dirt, rain, windblown dust, splashing and hose directed water. D4120W duct smoke detector features a pivoting housing that fits various applications: both square and rectangular footprints mount to round or rectangular ductwork. This unit senses smoke in the most challenging conditions, operating in airflow speeds of 100 to 4,000 feet per minute, temperatures of -4°F to 158°F, and a humidity range of 0 to 95 percent (non-condensing). A plug-in sensor head offers superior false alarm immunity. These features, plus a NEMA 4 rating, allow operators to mount the detector to rooftop HVAC equipment or use the detector in other harsh environments.



### Physical Specifications

Electrical Ratings, Contact Ratings, & Accessory Current Information is the same as P270-3000PI

PART NO	(Rectangular Dimensions)	(Square Dimensions)	Weight	Operating Temperature Range	Storage Temperature Range	Operating Humidity Range	Air Duct Velocity
P270-D4120W	14.38 in (37 cm) Length 5 in (12.74 cm) Width; 2.5 in (6.36 cm) Depth	7.75 in (19.7 cm) Length 9 in (22.9 cm) Width; 2.5 in (6.35cm) Depth	2.5 lbs (1.14 kg)	-4° to 158°F (-20° to 70°C)	-22° to 158° (- 30° to 70°C)	0% to 95% relative humidity non-condensing	100 to 4000 ft/min (0.5 to 20.32 m/sec)

Note: To maintain the watertight properties of the P270-D4120W watertight duct smoke detector, watertight conduit and fittings must be used. Mount the product with the conduit holes facing downward, if possible.

### Totaline® Duct Smoke Detector Accessories and Ordering Information

Duct smoke detector accessories add functionality to the duct smoke detection system by allowing quick, convenient inspections at eye level and effective audible and visible notification options. All Totaline® duct smoke detectors and accessories are UL listed.



P271-RTS151 P271-RTS151KEY P271-APA151 P271-RA100Z P271-MHW P271-AOS P271-RTS2-AOS

Part No.	Duct Detectors
P270-3000PL	4-Wire Photoelectric Duct Smoke Detector
P270-3000C	4-Wire Photoelectric Duct Smoke Detector for Canada
P270-D4120W	4-Wire Watertight Photoelectric Duct Smoke Detector
P270-D4S	4-Wire Photoelectric Sensor Only
P270-D4P120	4-Wire Photoelectric Power Component Only
P271-2D51	4-Wire photoelectric Sensor Head

Part No.	Sampling Tubes
P271-DST-1.5	1.5 ft. Metal Sampling Tube
P271-DST-3	3 ft. Metal Sampling Tube
P271-DST-5	5 ft. Metal
P271-DST-10	10 ft. Metal Sampling Tube
P271-ETX	Metal Exhaust Tube Extension

Part No.	Accessories
P271-APA151	Piezo Annunciator
P271-RTS2	Two Sensor Multi-signaling Accessory
P271-RTS2-AOS	Two Sensor Multi-signaling Accessory with Strobe
P271-AOS	Two Sensor Add-on Strobe for Multi-accessory
P271-RTS151	Remote Test Station
P271-RTS151KEY	Remote Test Station with Key
P271-RA100Z	Remote Annunciator
P271-MHW	Mini-Horn White



The sampling tube may be installed from the front or back of the detector. The tube locks securely into place and can be removed by releasing the front or rear locking tab (front locking tab shown below right).

### Accessory Current Loads at 24 VDC

Device	Standby	Trouble	Alarm
P271-APA151	12.5 mA	n/a	30 mA Max.
P271-MHW	0 mA	n/a	29 mA Max.
P271-RA100Z	0 mA	n/a	12 mA Max.
P271-RTS151/P271-RTS151KEY	0 mA/12 mA	n/a	12 mA Max.
P271-RTS2-AOS	30 mA Max.	16.0 mA Max.	55.0 mA Max. (with AOS strobe)

**Note:** Any combination of accessories may be used such that the given accessory loads are: 110 mA or less at the Aux output, and 50 mA or less at the Alarm output **WARNING:** Duct smoke detectors are NOT a substitute for open area smoke detectors; NOT a substitute for early warning detection; NOT a replacement for a building's regular fire detection system. Refer to NFPA 72 and 90A for additional information.

## TOTALINE® HEAT RECOVERY and ENERGY RECOVERY VENTILATORS

**Totaline Heat Recovery Ventilators (HRVs)** are recommended for colder areas of the country that have longer heating seasons as well as drier desert areas of the South. They are designed to bring a continuous supply of fresh air into the home while exhausting an equal amount of contaminated air. HRVs use a “sensible” heat recovery core.

**Totaline Energy Recovery Ventilators (ERVs)** are designed for warmer, humid climates with longer cooling seasons. The heart of the ERV is the enthalpic core that transfers heat and moisture from the incoming air to the outgoing air. HRVs and ERVs can be installed as stand-alone systems that use independent ductwork or they can be connected to the existing duct of your forced air heating or cooling system.

### Features:

- Compact size for easier installation
- Fully insulated cabinet
- Exterior mounted electrical box
- Washable electrostatic filters with aluminum frames
- Easy-slide core
- Internal fans mounted vertically for better air movement
- Superior EBM motors feature external rotor motorized impellers
- Precisely balanced to ensure vibration-free operation
- Superior Warranties:
  - Motor, 7 year
  - Polypropylene Core, lifetime limited
  - Enthalpic Core, 5 year limited
  - Other components, 5 year limited

### Benefits:

- Brings a continuous supply of fresh, filtered outside air into the home.
- Exhausts environmental contaminants for improved indoor air quality.
- Saves energy by recovering heat from exhausted air in the winter.
- Cools incoming air in the summer
- Controls excess humidity

### TOTALINE® MODEL SHR HEAT RECOVERY VENTILATORS

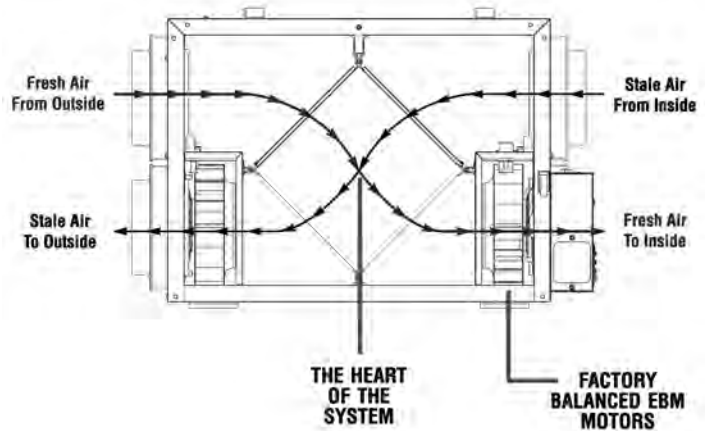
**Totaline HRVs** (like the unit shown above) feature polypropylene heat exchanger cores.

- In the heating season, the core transfers heat from the outgoing, stale household air to preheat the incoming, fresh air.
- Cross-current sections ensure the two air streams are always kept separate, preventing the incoming, fresh air from being contaminated by the outgoing, stale air.
- During the air-conditioning season, the HRV reverses this process, removing some of the heat from the incoming air and transferring it to the outgoing air.

### SHR SERIES ELECTRICAL DATA

P707-SHR1504 — 149 CFM at 0.4 in. wg  
 P707-SHR2004 — 200 CFM at 0.4 in. wg

Model	VOLTS	AMP RATING	3-FT CORD w/3 PRONG PLUG
P707-SHR1504	120	1.3	Yes
P707-SHR2004	120	2.1	Yes



### TOTALINE® MODEL SER ENERGY RECOVERY VENTILATORS

**Totaline ERVs**, which are ideal for warmer climates, use enthalpic cores to transfer both heat and moisture.

- Reduces indoor humidity in the air-conditioning season.
- Maintains a comfortable humidity level in the home in the heating season.

### SER SERIES ELECTRICAL DATA

P707-SER1504 — 130 CFM @ 0.4 in. wg  
 P707-SER2004 — 170 CFM @ 0.4 in. wg

Model	VOLTS	AMP RATING	3-FT CORD w/3 PRONG PLUG
P707-SER1504	120	1.5	Yes
P707-SER2004	120	1.9	Yes

## HEAT RECOVERY VENTILATORS

HONEYWEL  
TrueBREEZE™



- Removable Duct Collars
- Simplified Balancing
- Adjustable Hanging Straps
- Centralized Wiring and Speed Control
- Compact Size
- ENERGY STAR® Rated
- Meets ASHRAE 62.2 Standards

PART NO	DESCRIPTION
VNT5150H1000U	150 CFM Heat Recovery Ventilation System
VNT5150E1000U	150 CFM Energy Recovery Ventilation System
VNT5200H1000U	200 CFM Heat Recovery Ventilation System
VNT5200E1000U	200 CFM Energy Recovery Ventilation System

## DEHUMIDIFIERS

Honeywell Dehumidifier

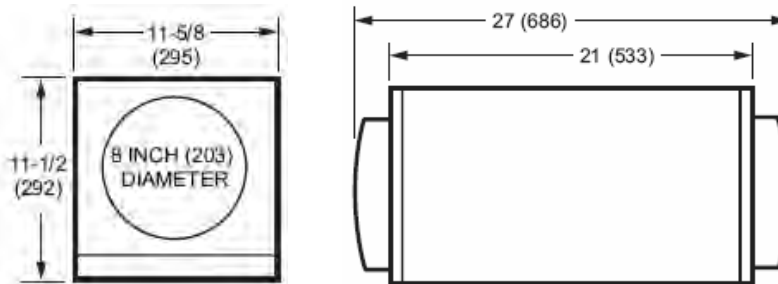
Dehumidification System

TrueDRY 65-pint dehumidifier



### Features:

- **Dehumidification:** The highly efficient dehumidifier utilizes refrigeration and internal air circulation to cool the incoming air stream below its dew point. Its compact size makes the ideal for tightly fit applications. After helping to cool the incoming air, the processed air is reheated by passing through the condenser coil. The heat removed by the evaporator Coil is returned to the air stream, resulting in an overall temperature increase to the processed air. The is controlled by a variety of 24 volt remote wired controls.
- **Fresh Air Ventilation:** Optional fresh outdoor air may be ducted via a tee off the 8-in. round duct. This provides fresh air to dilute pollutants and maintain normal oxygen content in the air. The amount of fresh air ventilation can be regulated by a variety of dampers and controls.
- **Air Filtration:** Includes air filtration to keep the condenser coils clean. A MERV-11 media filter is standard.
- **Filter Efficiency:** Standard MERV-11 (65% ASHRAE Dust Spot)



Part Number	Amps	Color	Height (Inch)	Length (In.)	Description
DH65DG115	5.5	White	11-1/2	21 without collars, 27 with collars	TrueDRY 65-Pint Dehumidifier with TrueIAQ Control
DH65A1015	5.5	White	11-1/2	21 without collars, 27 with collars	TrueDRY 65-Pint Dehumidifier with VisionPRO IAQ control

## DEHUMIDIFIERS



### TrueDRY DH150 Whole House Dehumidifier

**Features:**

- Energy efficient - TrueDRY removes more moisture using less energy.
- Integrated indoor air quality - On-board MERV 11 media filter and an integrated fresh air ventilation port provide the home with fresh outdoor air that is clean and dehumidified.
- Easy maintenance - Easy access service panels allow for quick replacement of the air filter and maintenance of internal parts
- Filter Efficiency: Standard MERV-11 (65% ASHRAE Dust Spot)

Part Number	Amps	Color	Height (In.)	Length (Inch)	Description
DH150A100	6.9	White	22	37-1/2 without collars, 39-1/2 with collars	TrueDRY 150-Pint Dehumidifier w/ No Control Included
DH150A105	6.9	White	22	37-1/2 without collars, 39-1/2 with collars	TrueDRY 150-Pint Dehumidifier with VisionPRO IAQ



### TrueDRY DH90 Whole House Dehumidifier

**Features:**

- Energy efficient -
- Integrated indoor air quality - On-board MERV 11 media filter and an integrated fresh air ventilation port (DH90 model) provide the home with fresh outdoor air that is clean and dehumidified.
- Easy maintenance - Easy access service panels allow for quick replacement of the air filter and maintenance of internal parts
- Filter Efficiency: Standard MERV-11 (65% ASHRAE Dust Spot)

Part Number	Amps	Color	Height (Inch)	Length (Inch)	Description
DH90DG115	6.2	White	20-7/8	34-1/2 w/o collars, 40-1/2 w/ collars	TrueDRY 90-Pint Dehumidifier with TrueIAQ Control
DH90A1015	6.2	White	20-7/8	34-1/2 w/o collars, 40-1/2 w/ collars	TrueDRY 90-Pint Dehumidifier with VisionPRO IAQ Control
DH90A1007	6.2	White	20-7/8	34-1/2 w/out collars, 40-1/2 w/ collars	TrueDRY 90-Pint Dehumidifier with Control and Ventilation

## HUMIDIFIERS



### TrueSTEAM Humidifiers

**Features:**

- Application flexibility - Mount directly to the duct or remotely up to 20 feet away into tight-fitting or unconditioned air spaces
- Installs in minutes - Limited duct cutting and bracket-mount design takes less than 5 minutes to complete
- Easy maintenance - Self-regulates cleaning cycles throughout the year. Annual maintenance requires no tools to access and clean, saving time and money on annual contractor service calls.

**In-line water filter for scale and sediment also provided**

- Includes Control module, duct template hardware, saddle valve, humidistat, drain supply water tubing, duct nozzle, mounting bracket, water filter, backflow valve.

Part Number	Amps	Color	Dimensions -High x Wide x Deep (Inch)	Type	Voltage	Description
HM506DG115	7	Dark Empire Gray	19 x 11-1/4 x 9	Steam	120 Vac	6-GPD with TrueIAQ Control
HM506H8908	7	Dark Empire Gray	19 x 11-1/4 x 9	Steam	120 Vac	6-GPD with H8908 Manual Control
HM506VPIAQ	7	Dark Empire Gray	19 x 11-1/4 x 9	Steam	120 Vac	6-GPD with VisionPRO IAQ Control
HM509DG115	10	Dark Empire Gray	19 x 11-1/4 x 9	Steam	120 Vac	9-GPD with Digital TrueIAQ Control
HM509H8908	10	Dark Empire Gray	19 x 11-1/4 x 9	Steam	120 Vac	9-GPD with H8908 Manual Control
HM509VPIAQ	10	Dark Empire Gray	19 x 11-1/4 x 9	Steam	120 Vac	9-GPD with VisionPRO IAQ Control
HM512DG115	12	Dark Empire Gray	19 x 11-1/4 x 9	Steam	120 Vac	12-GPD with TrueIAQ Control
HM512VPIAQ	12	Dark Empire Gray	19 x 11-1/4 x 9	Steam	120 Vac	12-GPD with VisionPRO IAQ Control

# Indoor Air Quality

## Humidifiers

### TrueSteam Wireless Humidifier



#### Features:

- Application flexibility - Mount directly to the duct or remotely up to 20 feet away into tight-fitting or unconditioned air spaces
- Installs in minutes - Limited duct cutting and bracket-mount design takes less than 5 minutes to complete
- Easy maintenance - Self-regulates cleaning cycles throughout the year. Annual maintenance requires no tools to access and clean, saving time and money on annual contractor service calls
- Does Not Include Humidistat
- Draws 12-amps

Part Number	Capacity	Color	Dimensions -High x Wide x Deep (Inch)	Voltage	Description
HM506W1005	6 Gallon Per Day	Dark Empire Gray	19 x 11-1/4 x 9	120 Vac	6 Gallon Wireless
HM509W1005	9 Gallon Per Day	Dark Empire Gray	19 x 11-1/4 x 9	120 Vac	9 Gallon Wireless
HM512W1005	12 Gallon Per Day	Dark Empire Gray	19 x 11-1/4 x 9	120 Vac	12 Gallon Wireless

## Parts & Accessories



### Remote Mount Kit

Part Number	Description
50024917-001	Truesteam Remote Installation Kit With 10-Foot Steam Tube
50024917-002	Truesteam Remote Installation Kit With 20-Foot Steam Tube



### Remote-Mount Nozzle

Part Number	Type	Description
50028001-001/U	Steam	Remote-Mount Nozzle for TrueSTEAM Humidifiers



### Solenoid Valve

Part Number	Type	Description
50027997-001	Steam	Solenoid Valve for TrueSTEAM Humidifiers

## Digital IAQ Control



- Setting changes can be made easily with the touch of a button
- Manages humidification, dehumidification, ventilation and bathroom fans from a central point in your home
- Simultaneously displays both indoor and outdoor temperature and humidity levels on-screen.
- Automatically adjusts inside settings based on outdoor conditions
- Include individual air quality enhancements to your system with TrueIAQ, or integrate them all as part of a total air quality system
- Intuitive digital backlit display

Application: Provides humidity control for ducts, greenhouses, computer rooms, printing and photographic laboratories, and other applications where electronic accuracy, as well as remote sensing, is desired

Part Number	Color	Voltage	Description
DG115EZIAQ	White	120 Vac	Digital Indoor Air Quality Control for Humidifiers, Dehumidifiers, Ventilators

Compressors,  
Chillers, Condensers

Motors

Electrical

Heating  
Components

Indoor Air  
Quality

Thermostats

Oils &  
Chemicals

Accessories, Supplies  
& Commodities

Tools &  
Instruments

Refrigeration

## TOTALINE® FG SERIES INLINE CENTRIFUGAL FANS



The Totaline® FG Series galvanized steel housing makes these fans ideal for various commercial code and residential applications. Home uses include range hood exhaust, duct boosting, bathroom exhaust and dryer boosting. Office applications include intake, exhaust, filtration, return or makeup air systems that require mounting versatility, high efficiency, low sound levels, and ease of service.

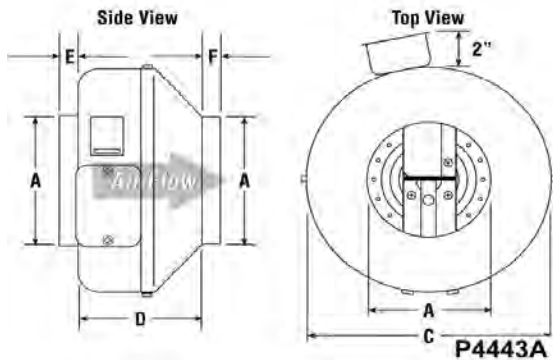
The FG Series fans are a snap to install. Prewired and supplied with a mounting bracket, they can be mounted at any angle in any point along the ductwork. Straight-through airflow design also helps simplify installation. FG Series fans are designed to work with standard dimensions of spiral duct, eliminating the need for transition pieces.

### FEATURES:

- Galvanized steel housing features baked powder coat finish, perfect for commercial code applications.
- Powered by external rotor motorized impeller for excellent heat dissipation, even at low rpm.
- Tested and approved by UL and CSA (or equals).
- Suitable for airstream temperatures up to 140°F.
- 4-in. to 12-in. circular duct diameters.
- Airflow from 148-801 cfm.
- External rotor motor, Class B insulation for long, maintenance free operation.
- Automatic reset thermal overload protection.
- Permanently lubricated sealed ball bearings.
- True airfoil backward curved impeller.
- External wiring box for easy of connection.
- 100% speed controllable.

P451-FG4XL — 4-in. Duct — 148 CFM  
 P451-FG5XL — 5-in. Duct — 191 CFM  
 P451-FG6 — 6-in. Duct — 257 CFM  
 P451-FG6XL — 6-in. Duct — 392 CFM

P451-FG8 — 8-in. Duct — 481 CFM  
 P451-FG8XL — 8-in. Duct — 521 CFM  
 P451-FG10XL — 10-in. Duct — 590 CFM  
 P451-FG12XL — 12-in. Duct — 801 CFM



MODEL	A*	C	D	E	F
P451-FG4XL	4	9-1/2	5-1/2	7/8	3/4
P451-FG5XL	5	9-1/2	5	7/8	1
P451-FG6	6	11-1/2	6	3/4	7/8
P451-FG6XL	6	13-1/4	6-1/2	1	3/4
P451-FG8	8	13-1/4	6-1/4	1	7/8
P451-FG8XL	8	13-1/4	6-1/4	1	7/8
P451-FG10XL	10	13-1/4	6-1/4	1	1-1/4
P451-FG12XL	12	16	8-1/4	1	1-1/4

\*Duct connections are 1/8-in. smaller than duct size.  
 NOTE: All dimensions in inches.

### STATIC PRESSURE (in wg)

Model	RPM	VOLTS	MAX WATTS	MAX AMPS	0	.125	.25	.375	.5	.75	1.0	1.25	1.5	MAX Ps (in)	DUCT DIA (in)
P451-FG4XL	2800	115	83	0.73	148	139	130	120	111	90	68	42	--	1.65	4
P451-FG5XL	2650	115	87	0.76	191	175	161	146	131	102	75	45	--	1.61	5
P451-FG6	2700	115	84	0.74	257	241	221	197	178	143	99	59	--	1.60	6
P451-FG6XL	2950	115	147	1.26	392	368	346	326	305	263	228	191	150	2.27	6
P451-FG8	2600	115	116	1.02	481	444	403	361	319	237	177	130	76	2.04	8
P451-FG8XL	2950	115	152	1.31	521	496	469	440	411	345	282	231	180	2.29	8
P451-FG10XL	3000	115	242	2.11	590	565	541	519	496	442	394	339	290	2.79	10
P451-FG12XL	3250	115	373	3.21	801	783	765	747	729	692	655	611	566	3.69	12

## The Totaline® FR Series Bathroom Fan Ventilation Kits



Totaline's versatile FR Series fans feature a plastic housing constructed of UL-recognized, UV-protected thermoplastic resin. This tough protective shell allows the fan to be mounted in outdoor and wet locations.\* Ideal for multiple point exhaust, dual bathroom exhaust, or new room additions, FR Series fans are caulked at the motor screws, the wiring cables and along the seams of the fan to prevent moisture from entering the housing. Totaline's FR Series fans have long been the choice of residential builders and remodelers but now can be used for commercial projects with our recent UL commercial application rating.

### Totaline® FR Series Bathroom Fan Ventilation Kits

- P451-REG100 - 4" bath kit with FR 100 fan.
- P451-REG140 - 6" bath kit with FR 140 fan.
- P451-DLX150 - 6" bath kit with FR 150 fan, balancing "Y" and two grille/collar/damper combinations.



Model	DESCRIPTION
P451-REG100	Kit includes one 122 CFM inline exhaust fan, one mounting bracket, 1 grille/collar/damper combination and clamps. Uses 4-in. duct. Ideal for single point ventilation in a bath or powder room.
P451-REG140	Kit includes one 214 CFM inline exhaust fan, one mounting bracket, 1 grille/collar/damper combination and clamps. Uses 6-in. duct. Ideal for single point ventilation in a larger bath.

### Deluxe Bathroom Exhaust Kit for Dual Point Ventilation

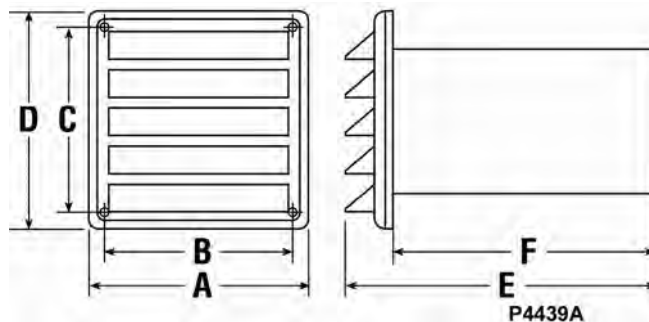
Model	DESCRIPTION
P451-DLX150	Kit includes one 243 CFM inline exhaust fan, one mounting bracket, 2 grille/collar/damper combinations and clamps. Uses 6-in. duct. This kit is ideal for use in a larger master bath where spot ventilation is needed in two locations.

## EXTERIOR VENTS SUPPLY/EXHAUST OUTDOOR HOODS



### P451-COM6P — 6" White Plastic Supply and Exhaust Hoods (Pair)

- Outdoor Hoods in 6" size.
- Includes a pair (2) supply/exhaust louvers. White.



Model	UPC#	∅ Duct*	A	B	C	D	E	F
P451-COM6P	24045	6	9-1/8	8-1/4	8-1/4	9-1/8	12-11/16	12

NOTE: Dimensional information in inches.

\*Duct connections are 1/8-in. smaller than duct size.