

## TOTALINE® MECHANICAL FILTERS

### TOTALINE® SIGNATURE MECHANICAL FILTERS



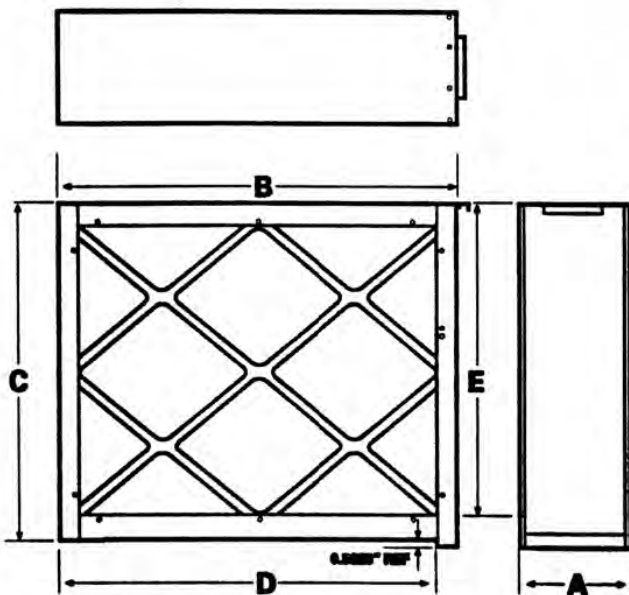
Totaline® Signature Series Mechanical Filters are much more efficient than ordinary furnace filters. They utilize a highly efficient, electro statically-charged, synthetic material with extended surface pleats and an omni directional airflow design which allows for maximum dust holding capacity while 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