

Totaline® Star Series CG1000 EAC

INDOOR AIR QUALITY

1" Electronic Air Cleaner Fancoil Product Matrix

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



Effectiveness

Airborne Pollutants	Actual Micron Particle Size Range	A Proportionate Particle Size Comparison
Human Hair	35-200 microns	
Pollen	10-100 microns	
Spores	10-35 microns	
Bacteria	.3-35 microns	
Animal Dander	.3-10 microns	
Lung Damaging Dust	.5-5 microns	
Smoke	.01-1 microns	

Information Source: American Industrial Hygiene Association

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

TOTALINE®

Totaline® Star Series CG1000 1" Electronic Air Cleaners

Fancoil Product Matrix For Carrier AHU Models...

CARRIER AHU MODEL# FV4A-	UNIT SIZE 002	UNIT SIZE 003	UNIT SIZE 005	UNIT SIZE 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# FX4A-	UNIT SIZE 030	UNIT SIZE 036	UNIT SIZE 042	UNIT SIZE 048	UNIT SIZE 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# FK4C-	UNIT SIZE 001	UNIT SIZE 002	UNIT SIZE 003	UNIT SIZE 005	UNIT SIZE 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# 40FKA-	UNIT SIZE 002	UNIT SIZE 003	UNIT SIZE 005	UNIT SIZE 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# FC4B-	UNIT SIZE 018, 024	UNIT SIZE 030, 036	UNIT SIZE 042, 048, 038, 060	UNIT SIZE 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# FB4A-	UNIT SIZE 018, 024	UNIT SIZE 030, 036	UNIT SIZE 042, 048, 038, 060	UNIT SIZE 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# FA4A-	UNIT SIZE 018, 024	UNIT SIZE 030, 036	UNIT SIZE 042, 048, 038, 060	UNIT SIZE 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# FG3A-	UNIT SIZE 024	UNIT SIZE 036	UNIT SIZE 048	UNIT SIZE 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# FH4A-	UNIT SIZE 001	UNIT SIZE 002	UNIT SIZE 003	UNIT SIZE 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 in nominal, exact and oversized. Also available in 2" thickness for commercial applications.

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Fancoil Product Matrix For Bryant AHU Models...

BRYANT AHU MODEL# FV4A-	UNIT SIZE 002	UNIT SIZE 003	UNIT SIZE 005	UNIT SIZE 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		
BRYANT AHU MODEL# FX4A-	UNIT SIZE 018	UNIT SIZE 030	UNIT SIZE 036	UNIT SIZE 042	UNIT SIZE 048	UNIT SIZE 060
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
BRYANT AHU MODEL# FK4C-	UNIT SIZE 001	UNIT SIZE 002	UNIT SIZE 003	UNIT SIZE 005	UNIT SIZE 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	P101-1621 M	P101 -1621M	P101-2021 M	P101-2021 M	P101-2123M	
BRYANT AHU MODEL# FC4B-	UNIT SIZE 018, 024	UNIT SIZE 030, 036	UNIT SIZE 042, 048, 038, 060	UNIT SIZE 054		
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		
BRYANT AHU MODEL# FB4A-	UNIT SIZE 018, 024	UNIT SIZE 030, 036	UNIT SIZE 042, 048, 038, 060	UNIT SIZE 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		
BRYANT AHU MODEL# FA4A-	UNIT SIZE 018, 024	UNIT SIZE 030, 036	UNIT SIZE 042, 048, 038, 060	UNIT SIZE 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		
BRYANT AHU MODEL# FG3A-	UNIT SIZE 024	UNIT SIZE 036	UNIT SIZE 048	UNIT SIZE 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)		
BRYANT AHU MODEL# FH4A-	UNIT SIZE 001	UNIT SIZE 002	UNIT SIZE 003	UNIT SIZE 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		

Fancoil Product Matrix For Payne AHU Models...

PAYNE AHU MODEL# PF1MNA	UNIT SIZE 018, 024	UNIT SIZE 030, 036	UNIT SIZE 042, 048, 060	UNIT SIZE 070,071
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

Note: Dimensions In Inches



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Part Numbers (dimensions in nominal inches)

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

Part Numbers (exact sizes)

P101-1321C	P101-1321M	13" x 21 $\frac{1}{2}$ "
P101-1621C	P101-1621M	16 $\frac{7}{8}$ " x 21 $\frac{1}{2}$ "
P101-1821C	P101-1821M	18 $\frac{7}{8}$ " x 21 $\frac{1}{2}$ "
P101-2021C	P101-2021M	19 $\frac{7}{8}$ " x 21 $\frac{1}{2}$ "
P101-2123C	P101-2123M	21 $\frac{1}{2}$ " x 23 $\frac{7}{8}$ "
P101-CAR1C	P101-CAR1M	13" x 24 $\frac{5}{8}$ "
P101-CAR2C	P101-CAR2M	23 $\frac{1}{2}$ " x 24 $\frac{5}{8}$ "

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 $\frac{3}{8}$ " in each dimension

Example:

18" x 18" x 1"- Actual Dimensions = 17 $\frac{5}{8}$ " x 17 $\frac{5}{8}$ " 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 $\frac{3}{8}$ " in each dimension

Example:

18" x 18" x 2"- Actual Dimensions = 17 $\frac{5}{8}$ " x 17 $\frac{5}{8}$ " x 2"

1" Custom sizes available in nominal, exact and oversized. Also available in 2" thickness for commercial applications.

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)

TOTALINE®