



Star

SERIES CG1000

1" Electronic Air Cleaner

Fancoil Product Matrix

INDOOR AIR QUALITY



Removes particles down to 1.0 microns.

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
- 2 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

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





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.



Series CG1000 1" Electronic Air Cleaners

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		

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

Star Series CG1000 Electronic Air Cleaners

Part Numbers (dimensions in nominal inches)

EAC P/N	Media P/N	Actual Dimensions
P101-1224C	P101-1224M	11 ⁵ / ₈ " x 23 ⁵ / ₈ "
P101-1420C	P101-1420M	13 ³ / ₈ " x 19 ¹ / ₈ "
P101-1424C	P101-1424M	13 ⁵ / ₈ " x 23 ⁵ / ₈ "
P101-1425C	P101-1425M	13 ⁵ / ₈ " x 24 ⁵ / ₈ "
P101-1430C	P101-1430M	13 ³ / ₈ " x 29 ⁵ / ₈ "
P101-1520C	P101-1520M	14 ⁵ / ₈ " x 19 ⁵ / ₈ "
P101-1616C	P101-1616M	15 ⁵ / ₈ " x 15 ⁵ / ₈ "
P101-1620C	P101-1620M	15 ⁵ / ₈ " x 19 ⁵ / ₈ "
P101-1624C	P101-1624M	15 ⁵ / ₈ " x 23 ⁵ / ₈ "
P101-1625C	P101-1625M	15 ⁵ / ₈ " x 24 ⁵ / ₈ "
P101-1820C	P101-1820M	17 ⁷ / ₈ " x 19 ⁵ / ₈ "
P101-2020C	P101-2020M	19 ⁵ / ₈ " x 19 ⁵ / ₈ "
P101-2024C	P101-2024M	19 ⁵ / ₈ " x 23 ⁵ / ₈ "
P101-2025C	P101-2025M	19 ⁵ / ₈ " x 24 ⁵ / ₈ "
P101-2030C	P101-2030M	19 ⁵ / ₈ " x 29 ⁵ / ₈ "
P101-2424C	P101-2424M	23 ⁵ / ₈ " x 23 ⁵ / ₈ "
P101-2425C	P101-2425M	23 ⁵ / ₈ " x 24 ⁵ / ₈ "
P101-2430C	P101-2430M	23 ⁵ / ₈ " x 29 ⁵ / ₈ "

Part Numbers (exact sizes)

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

Example:

18" x 18" x 1"- Actual Dimensions = 17⁵/₈" x 17⁵/₈" 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 ³/₈" in each dimension

Example:

18" x 18" x 2"- Actual Dimensions = 17⁵/₈" x 17⁵/₈" 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)

