

CLEANFLO CG™

Composite Activated Carbon Filters



INDUSTRIES & APPLICATIONS



Electronics : Plating Process



Food & Beverage : De-chlorination, De-odors, De-colors, De-tastes



Water treatment : TOC removal

CLEANFLO CG™ is an activated carbon filter designed for reducing contaminants such as colors, bad odors, bad tastes by dissolved organics and chlorine.

CLEANFLO CG™ filter is composed of coal based activated granular carbon together with binder and synthetic fibers. This unique construction allows maximum contact time between the fluid and the activated carbon, ensuring optimal adsorption and minimizes channeling and bypass. It provides 5micron particle removal efficiency in nominal rating as well.

FEATURES & BENEFITS

- High carbon content provides extended filter service life
- The unique composite filter construction minimizes fluid bypass and channeling
- Minimized carbon migration
- High flow rate with low pressure drop
- Consistent and reliable filtration performance
- Cost-effective to reduce expenses

TECHNICAL DATA

Nominal Dimensions

| | |
|------------------|------------------|
| · Length | 250, 500, 750 mm |
| · Inner Diameter | 30 mm |
| · Outer Diameter | 64 mm |

Materials of Construction

| | |
|--------------------|---------------------|
| · Filtration Media | Activated carbon |
| · Support Media | Polypropylene |
| · Inner Core | Polypropylene |
| · Outer Cover | Polypropylene |
| · End Caps | Polypropylene |
| · Gaskets | Foamed Polyethylene |

Max. Operating Temperature

50°C (122°F)

Max. Operating Forward Differential Pressure

4 bard (58.0 psid) at 20 °C
3 bard (43.5 psid) at 40 °C
2 bard (29.0 psid) at 60 °C

Recommended Change Out Differential Pressure

2 bard (29.0 psid)

Recommended Flow Rate

Less than 8LPM / 10inch cartridge

Nominal Micron Rating

5 µm

Chlorine Reduction

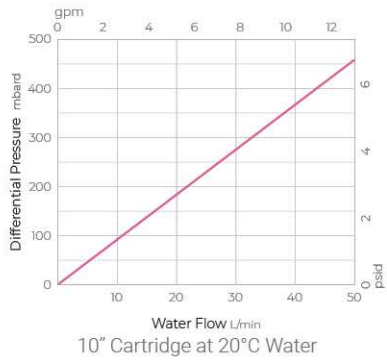
> 98% at 5LPM
based on inlet chlorine concentration of 2ppm

Activated Carbon Weight

> 100g / 10inch cartridge

TYPICAL CLEAN WATER FLOW

CARTRIDGE



ORDERING INFORMATION

| | | | | | | | | | | | |
|----------|------------|----------|------------|----------|-----------|----------|----------|--------------|----------|----------|---------------|
| 1 | ACG | - | 005 | - | CI | M | 2 | C | P | 1 | 3 |
| | | | | | | | | MEDIA | | | LENGTH |
| | | | | | | | | C : Coal | | | 1 : 250 mm |
| | | | | | | | | P : Coconut | | | 2 : 500 mm |
| | | | | | | | | | | | 3 : 750 mm |

ABSFIL