



## PENTAIR TWO STAGE FILTRATION

IDEAL FOR COMMERCIAL CENTRAL KITCHEN USE

### DUAL-20BB-FS



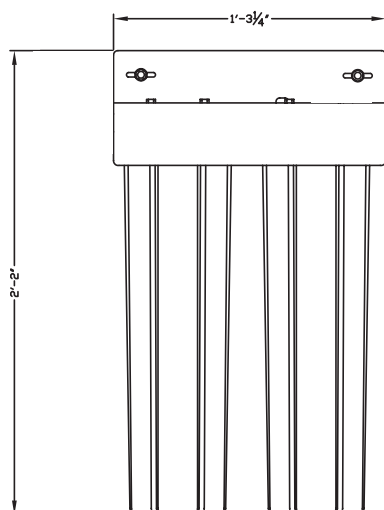
Pentair DUAL-20BB-FS is a dual-housing drop-in 4.5" x 20" cartridges filtration system with Pentair proprietary Fiberdyne™ technology

**First Stage - The DGD Series'** advanced design combines selective final filtration with appropriate pre-filtration to achieve up to three times the dirt holding capacity of similar size sediment cartridges and even greater capacity than standard spun or string-wound cartridges. The effective filter depth is increased to a full 233%. This increased depth provides very high particulate reduction efficiencies and added loading capacity.

**Second Stage - The FloPlus Fiberdyne™** technology utilize the benefit of small particle reduction at a flow rate comparable to a 10-micron rated cartridge. These cartridges are ideal for applications where pressure drop and low flow have been chronic problems in the past, it will address the needs of any end user looking for a product that offers high flow, low pressure drop, infrequent cartridge changes and small particle reduction.

#### FEATURES/BENEFITS

##### Features Fiberdyne™ technology



Improves quality and consistency of hot and cold beverages.

Minimizes waste by only replacing drop-in cartridge and reusing filter sump.

Reduces maintenance frequency and cost, and extends equipment life.

Gradient-density sediment filtration protects against dirt, rust and other debris down to 5-microns.

High-capacity FloPlus makes water taste great and protects equipment against corrosive chlorine down to 0.5 microns

#### APPLICATIONS

FOUNTAIN BEVERAGES - 2 to 3 carbonators.

COFFEE & TEA High-volume applications where water hardness is not a problem.

DRINKING WATER



NSF/ANSI Standard 53 certified to reduce cysts such as Cryptosporidium and Giardia.



COMPONENT

Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only.



### First Stage - DGD Series Gradient Density Cartridges

Manufactured from pure 100% polypropylene

Designed for purity and chemical compatibility

Filter Media – Polypropylene

Spun fibers form a gradient density from outer to inner surfaces

Nominal 5 micron ratings

Lengths: 10", 20"

Temperature Rating – 40-145°F (4.4-62.8°C)

### SPECIFICATIONS AND PERFORMANCE

MODEL #	PART #	MAXIMUM DIMENSIONS	RATING (NOMINAL)*	INITIAL ΔP (PSI) @ FLOW RATE (GPM)*
DGD-5005	155357-43	4.50" x 9.88" (114 mm x 251 mm)	5 micron	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
DGD-5005-20	155358-43	4.50" x 20" (114 mm x 508 mm)	5 micron	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)

\*Based on manufacturer's internal testing.

WARNING: Do not use with microbiologically unsafe or of unknown quality water without adequate disinfection before or after the system.



### Second Stage - PENTEK Floplus Series - Fiberdyne™ Carbon Block

Reduces particles as small as 0.5 micron in size by mechanical means\*\*

NSF/ANSI Standard 53 certified to reduce cysts such as Cryptosporidium and Giardia by mechanical means\*

Premium dirt holding capacity\*

True depth filtration

High flow rates and low pressure drop similar to a nominal 10-micron cartridge

Maximum life – dirt holding ability of a 10-micron carbon block with the particulate efficiency of a 0.5-micron cartridge

Lengths: 10", 20"

Gaskets – Santoprene

Temperature Rating – 40-180°F (4.4-82.2°C)

Filter Media – Bonded PAC

Endcaps – Polypropylene

Netting – Polyethylene

### SPECIFICATIONS AND PERFORMANCE

MODEL #	PART #	MAXIMUM DIMENSIONS	RATING (NOMINAL)**	INITIAL ΔP (PSI) @ FLOW RATE (GPM)*	CHLORINE TASTE & ODOR @ FLOW RATE (GPM)
FloPlus-10BB	455905-43	4.63" x 9.75" (118 mm x 248 mm)	0.5 micron	4 psi @ 2 gpm (0.28 bar @ 7.6 Lpm)	>25,000 gallons @ 2 gpm (94,635 L @ 7.6 Lpm)
FloPlus-20BB	455906-43	4.63" x 20" (118 mm x 508 mm)	0.5 micron	4 psi @ 4 gpm (0.28 bar @ 15.2 Lpm)	>50,000 gallons @ 4 gpm (189,270 L @ 15.2 Lpm)

\*\*Based on manufacturer's internal testing.

NOTES: Performance capacity depends on system design, flow rate and certain other application conditions. Certain states require system registration or certification for health-related substance reduction claims. Cartridges may contain a very small amount of carbon fines (very fine black powder). After installation, follow the instructions for flushing the cartridge to remove the fines before using the water. You should flush the tap at least 20 seconds prior to using water for drinking or cooking purposes. This is particularly important if the tap has not been used daily.

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.