# Food & Beverage Applications

Reference guide for filtration products



Parker domnick hunter filtration products set the highest standards for filtrate quality, product reliability and cost-effective use. Since 1963, the company has worked hand in hand with leading industry manufacturers to develop a specific product range for food and beverage applications.

Parker domnick hunter products are available in lengths from 5 to 40 inches and configurations to retrofit all common filter housings. Membrane and depth media are available in a full range of cartridges, mini-cartridges and capsules to meet production-, pilot- and laboratory-scale requirements. Removal ratings from 0.2 to >100 µm are available. Liquid and gas integrity test equipment is also available.

All Parker products are backed by indepth Technical Support, fast order turnaround and factory-trained local Distributors.

#### **DEPTH MEDIA FILTERS**







Melt Blown Filters: Low cost prefiltration for DI water & RO systems

**Avasan**™ - Polypropylene

Fulflo® DuraBond™ - Polyolefin

**String Wound Filters:** Economical coarse filtration for a wide variety of applications.

Fulflo® Honeycomb - Various media Fulflo® SWC - Various media

#### **BAG FILTERS**







Fulflo® Filter Bags - Various materials

Fulflo® Pleated Bags - Polypropylene in various cartridge configurations

Fulflo®XLH (High efficiency bags)
Polypropylene

# **SORBENT FILTERS**

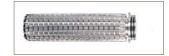


Carboflow - Activated extruded carbon for reduction of chlorine and chloroform

Fulflo® Activated Carbon - Activated granular carbon for removal of chlorine, odor and dissolved organics from potable water plus 5 micron particle removal

# **METALLIC FILTERS**





Steam Filter - Culinary grade sintered and pleated 316L stainless steel

# **PLEATED FILTERS**







**Bevpor** - Polyethersulfone (PES) pleated membrane filters for final membrane filtration and guaranteed bacterial reduction

**Bio-X II** - Air/gas sterilization pleated borosilicate microfiber media filter

Fulflo® MaxGuard™ - Large diameter polypropylene pleated depth media

Fulflo® ParMax™ - Large diameter polypropylene pleated depth media

Fulflo® ParMax™ Select - Large diameter polypropylene pleated depth media

**High flow Bio-X** - Air/gas sterilization pleated PTFE impregnated borosilicate microfiber media filter for high flow applications

**High flow Tetpor II** - Air/gas sterilization pleated PTFE membrane filter

**Peplyn** - Graded density polypropylene pleated depth media

**Prepor** - Prefiltration pleated depth media in glass microfiber, glass microfiber with polypropylene, and all polypropylene

**Tetpor Air** - Economical air/gas sterilization pleated hydrophobic expanded PTFE membrane filter



ENGINEERING YOUR SUCCESS.

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# **INTEGRITY TEST EQUIPMENT**

#### Liquid & Gas

Valairdata III - Aerosol challenge testing of sterile gas filters

Bevcheck - Economical hand held unit utilizing diffusional flow calculations

Bevcheck Plus - Automated integrity test unit with built in printer







# Filtration applications

Wine

Beer

Bottled water

Beverages

Distilled spirits

Cultured food products

Sweeteners

Flavors and colors

Product makeup water/rinse water

Carbonation

Bacteria removal

Prefiltration

Venting

Steam filtration

Gel removal

Haze removal

Sediment removal

Clarification

Sterile Filtration

# **FILTER HOUSINGS**









**HSL** 

**VSH** 

HBA-HP



3-30 round multi-round housing range

External finish - mechanically polished

Jumbo HIGH FLOW steam vessels

- 100% pickled & passivated External finish - Grit blast 5 µm Ra

Internal finish - 0.4 µm Ra

Internal finish - As welded

External finish - 0.8 µm Ra Electropolished option

Internal finish - < 0.8 µm Ra

Internal finish - 0.8 µm Ra

Choices of finish available

STEAM HOUSINGS

Industrial air / gas

External finish - 0.25 µm Ra



# SANITARY AIR/GAS HOUSINGS

#### **HSA**

Internal finish- 0.4 µm Ra External finish- 0.8 µm Ra

HBA - Wide choice of inlet and outlet connections

#### TANK VENTS

#### HSV

Open vent housing Choices of finish available

#### **HBA**

Closed tee port air/gas Choices of finish available





### PREFILTRATION HOUSINGS

# Fulflo® CB

Available in 304 stainless

# Fulflo® SB

Available in 304L & 316L stainless

#### Fulflo® FB

Available in 316L stainless

#### Fulflo® ParMax

Available in 304L & 316L stainless

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GL\_FB\_LC Rev. C



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