

# Sanitary Value Housings (SNV Series)

**Engineered to meet the sterile filtration demands of the food/beverage and pharmaceutical industries.**

Housing designs with 10-25 Ra internal surface finishes and no wetted threaded connections. Electropolished mirror finishes.

Engineered for quick, frequent change outs with the proprietary, heavy duty STAClamp closure system.

Constructed of corrosion resistant 316L series stainless steel to ensure longevity and system purity.

Vent and drain valves configured for easy cleaning and efficient sampling.....Eight different vent and drain configurations.



sanitary value housings

## Design Capabilities

Our Sanitary Value housings (SNV Series) are available as standard Non-Code where cost is the primary driver.

ASME Code requirements are handled by the Sanitary housings (SN Series)

## Surface Finishes

All surfaces are electropolished to minimize contamination and ease of cleaning. All wetted surfaces are standard 25 Ra. All non-wetted surfaces are 32 Ra. Finishes as low as 10 Ra are available as an option.

## Custom-Designed Housings

Our complete design and fabrication expertise allow the production of filter housings with expedited design and on-time deliveries.

## Specifications

### Configurations

3 Round: In-Line and T-Style.

### Materials

316L Series Stainless Steel  
Silicone Sanitary Gasket standard. All other compounds available as options.

### Closure

3 Round: Heavy Duty Sanitary TC Clamp.  
Proprietary STAClamp System is available as an option

### Sizes

3 Round: 10, 20, 30 and 40-inch

### Filter Connections

Code 7 (226) and Code 8 (222) standard.

### Pressure Ratings

3 Round:  
150 psi @ 200°F and full vacuum [Steam Jacket: 50 psi].  
Hydrostatic Test Pressure: 195 psi @ 60°F +/- 20°  
[Steam Jacket: 75 psi] @ 60°F +/- 20°

### Gasket Materials

Buna-N	-40 to +250°F	-40 to +121°C
Viton	-15 to +400°F	-26 to +204°C
Silicone (std)	-80 to +450°F	-62 to +232°C
EPDM, EPR	-65 to +300°F	-54 to +149°C
PTFE, Teflon	-65 to +500°F	-54 to +260°C

### Spare Parts/Options

Replacement parts/options are listed in the Master Price List and Spare Parts/Options Manual. Manual is available from factory upon request.

**CLEAR LAKE**  
INDUSTRIES

“CLEARLY THE BEST”  
920 Gemini St., Houston, TX 77058-2704 [www.clearlakefiltration.com](http://www.clearlakefiltration.com)  
Tel: (281) 486-5085 Fax: (281) 486-2609