



WINSTON / ROYAL GUARD CORPORATION

Type 61V Vertical Liquid Filters

The Type 61V Vertical Liquid Filter removes solid contaminants from various liquid process streams in refining, chemical, petrochemical, oil and gas, and other industries. Liquid filter applications vary widely and a variety of filter cartridges including materials and particle retention sizes are available.

Shown at right is the Type 61V in a skid-mounted dual configuration with isolation valves for filter change-out and flanged top with hinge and lifting handle.



Service applications include light hydrocarbons, acids, alkalis, process water, glycols, amines, and many other process and finished product liquids. Also for removing solid contaminants from injection well water.

Filter Cartridges are available in a variety of types and styles so as to meet stringent application requirements. Some examples of filter types are:

- Wound fiber depth style cartridges available with media in cotton, fiberglass, nylon, acrylic/orlon, polyester, polypropylene and Rayon. Particle retention sizes are 0.5, 1, 3, 5, 15, 20, 25, 30, and up to 200 microns.
- Melt blown filter cartridges for high viscosity liquids made of polyester and acrylic fibers in a depth style configuration. Retentions sizes are 2, 5, 10, 25 50, 75, 125, and 150 microns. Maximum liquid temperature is 250 ° F.
- Pleated cartridges with a large surface area for trapping high amounts of solid contaminants are typically polypropylene with core and cap material in tinned steel, 304 stainless, or 316 stainless steel. These cartridges are widely used and compatible with a range of chemicals. Absolute micron ratings are 1, 2, 5, 10, 15, 20, 40, and 70. Standard efficiency is 99% with 99.98% available.

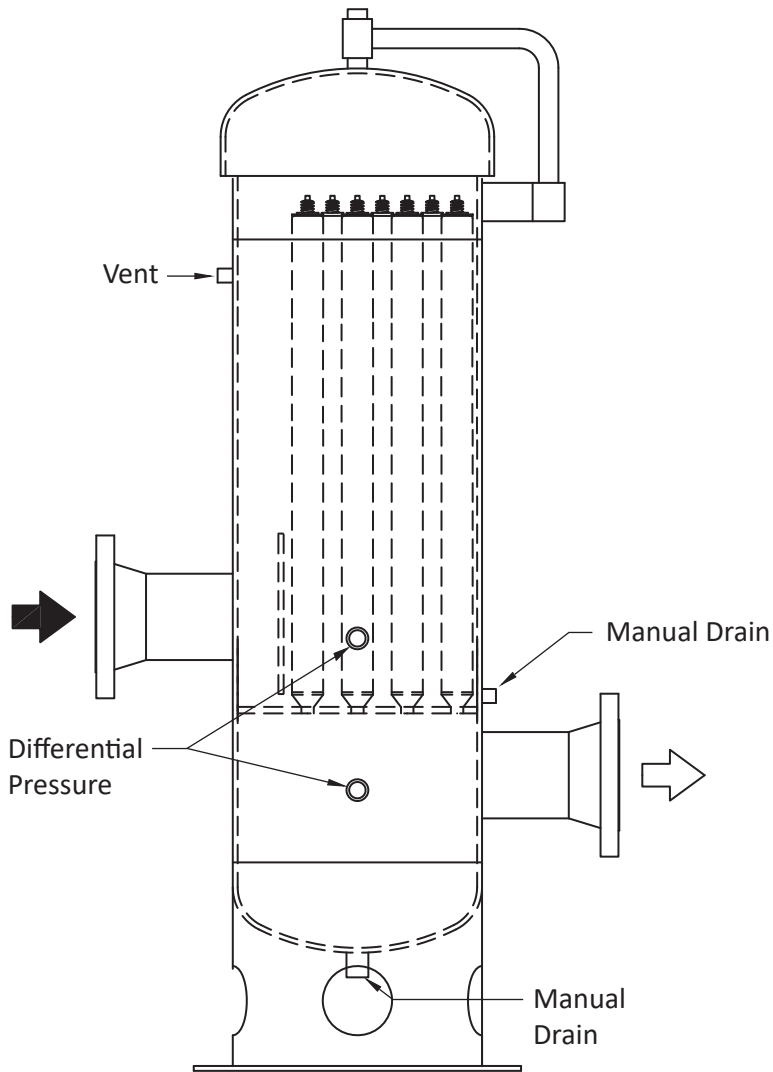
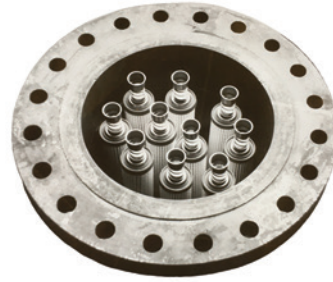
Options include:

- ASME Code stamp.
- Support legs or skirt.
- Lifting eye(s).
- Differential pressure connections.
- Hinged flange cover with lifting handle.
- Quick-opening closure providing easier access for cartridge change-outs.
- Dual skid-mounted with valves and piping for ease of installation.
- Other customer requirements.

ASME Code Certified: Winston/Royal Guard is an ASME Section VIII, Division 1 Code certified manufacturing facility with National Board certification. Capabilities include all types of non-destructive testing with a rigidly controlled Quality Control system.



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Specifications are subject to change without notice. 2-5-2018

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