SRVR
Vent Rite Vessels

PRODUCT HIGHLIGHTS

- **Bespoke design** — every SRVR is built to customer specification; no two are quite alike.
- **Single-round configuration** is standard; multi-cartridge builds available on request.
- **Cartridge lengths from 2" through 30"** (custom lengths quoted to specification.
- **304 stainless steel construction** (316L SS available); polished and passivated interior and exterior.
- **Sanitary Tri-Clamp** inlet, outlet and drain connections.
- **Single silicone o-ring cover seal** for quick, positive sealing and fast cartridge access.
- **Bead-blast finish** (BB) is the most common surface option; sanitary polished (SAN) available.
- **Options include C6, C7, 222 and 226** style sealing cartridges.
- **Non-ASME code design**; rated to 150 psig at 200°F (93°C) (typical) and 300°F (149°C) maximum temperature.



PRODUCT DESCRIPTION

The Strainrite Vent Rite (SRVR) is a bespoke, sanitary-style cartridge vessel engineered for vent, entrainment, and low-pressure liquid filtration applications. Each unit is quoted and built to the customer's specification. Single-round housings from 2" through 30" cartridge length are the most common configuration, with 304 stainless steel construction and Tri-Clamp connections. The SRVR is offered in a standard bead-blast (BB) exterior/interior finish as well as an optional sanitary polished (SAN) finish.

Multi-cartridge builds are available on request.

SRVR DIAMETER
6-7/8” (standard single round)

VESSEL SERIES
SRVR — Strainrite Vent Rite

CARTRIDGE LENGTH RANGE
2” through 30” (custom lengths available)

MAX TEMPERATURE
300°F (149°C)

INLET / OUTLET
1.5” TC, 2” TC or 3” TC (Tri-Clamp sanitary connections)

DRAIN
1.5” Tri-Clamp

COVER CLOSURE
Sanitary clamp with single o-ring seal | Through bolt

VENT
Integral vent connection

CARTRIDGE ENDCAP COMPATABILITY
C6, C7, 222 and 226 style sealing seats

HYDROSTATIC TEST PRESSURE
195 psig

O RING
Silicone standard; EPDM, Buna-N, Fluorocarbon on request

MAX ALLOWABLE PRESSURE
150 psig at 200°F (typical build; verified per unit)

VESSEL MATERIAL
304 SS standard; 316L SS on request

SURFACE FINISH
Bead blast interior and exterior (ID/OD)

CONFIGURATION
Single round (standard); multi-cartridge on request

SPECIFICATIONS

SCAN FOR MORE INFO



Installation Notes

- Tank safety pressure relief must be installed separately.
- Tank safety vacuum breaker must be installed separately.
- Verify MAWP, MDMT and hydrostatic test values on the vessel nameplate for the as-built unit.
- This vessel is Non-ASME code design; confirm suitability with the process owner and applicable jurisdictional requirements.

ORDER OPTIONS

VESSEL	MATERIAL	CARTRIDGE COUNT	CARTRIDGE LENGTH	INLET / OUTLET	END CAPS O RING	SURFACE FINISH
SRVR Strainrite Vent-Rite	**B** 304 Stainless Steel 316L SS available on request.	**1RND** Single round (standard) Multi-cartridge on request.	2” 10” 20” 30”	1.5TC 2TC 3TC NPT / RFF on request.	C6 C7 222 226 Silicone o-ring standard	**SAN** Sanitary polished exterior/interior **BB** Bead blast (most common).

SRVR (Series) — 1RND (Cartridge Count) — 10 (Cartridge Length) — 1.5TC (Inlet/Outlet) — B (Material) — C7 (O RING) — SAN (Surface Finish) → **SRVR-1RND-10-1.5TC-B-C7-SAN**

MATERIAL

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