

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)

CONFIGURATION

Single round (standard); multi-cartridge on request

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

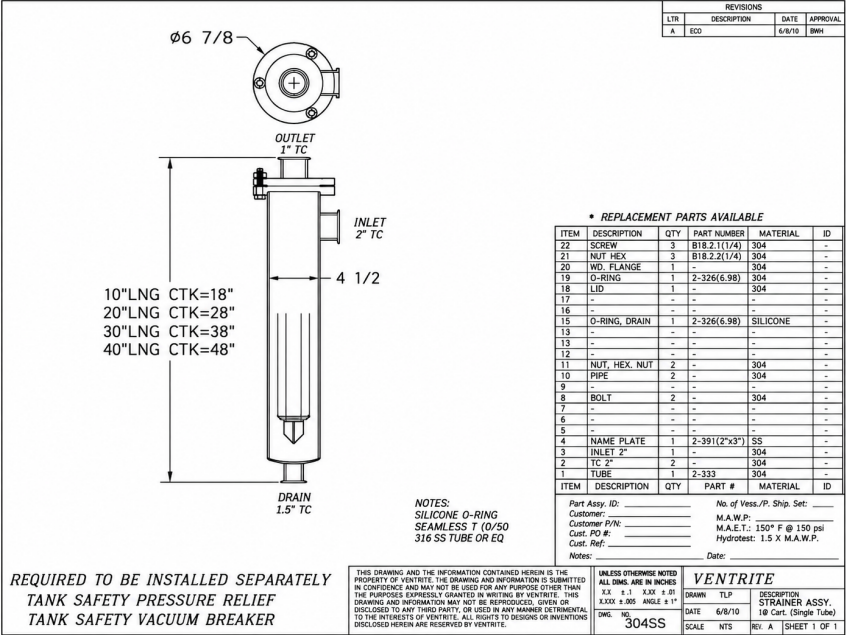
304 SS standard; 316L SS on request

SURFACE FINISH

Bead blast interior and exterior (ID/OD)

MAX TEMPERATURE

300°F (149°C)



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	1RND Single round (standard)	2"	1.5TC	C6	SAN	Sanitary polished exterior/interior
				10"	2TC	C7		
		316L SS available on request.	Multi-cartridge on request.	20"	3TC	222	BB	Bead blast (most common).
				30"	NPT / RFF on request.	226		
						Silicone o-ring standard		

SRVR
Series

1RND
Cartridge Count

10
Cartridge Length

1.5TC
Inlet/Outlet MATERIAL

B
Material

C7
O RING

SAN
Surface Finish

SRVR-1RND-10-1.5TC-B-C7-SAN