

Series SSPC

Sanitary Stainless Steel Pressure Cans

Features:

Aseptic Design
Large Open Top
Dip Tube Design
Relief Valve
Maximize Product Recovery
4.0" TC Opening
Lifting Handles
Multiple Seals Available

Benefits:

Access for Cleanability
Use Air to Move Fluid
Use Peristaltic Pump
No Dead Zones
Multiple Volumes Available
Internal Surfaces < 12 Ra

Applications:

- Biologicals
- Pharmaceuticals
- Blood Serum
- Cultures
- Laboratory Experiments
- Fine Chemicals
- Electronics
- Beverages
- Therapeutic Drugs



Pressure Cans are available in three volumes: 2L, 5L & 10L



The Dip Tube eliminates product loss by extending to the bottom of the can.

The Sanitary 316 L Pressure Cans commonly referred to as Pressure Pots, have been designed for high purity applications. They are available in three different volumes, 2 L, 5L and 10 Liters. The Pressure Cans are constructed of BPE 316 L stainless steel and are designed to meet the requirements of the Biopharmaceutical Industry. The pressure cans has a dip tube that extends to the bottom of each vessel into a small bulb. This allows for the valuable process fluid to be extracted from the Pressure Pot, achieving a Zero volume hold-up. For safety purposes a relief valve is installed in the top cover, making it easy to relieve the pressure prior to opening the top cover. All connections, Inlet, outlet and Top Cover are Tri-clamps that require no special tools to open or close, permits easy operation and an Aseptic Design. The Tri-Clamps seals are common and available in many different materials, it's easy to obtain chemical compatibility and vessel can be steam sterilize up to 132 oC for 30 minutes (EDPM seals).

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Technical Specifications

Materials of Construction:

- Top Cover: 316 L Stainless Steel
- Vessel Body: 316 L Stainless Steel
- Inlet Port: 316 L Stainless Steel
- Outlet Port: 316 L Stainless Steel
- Vent Valve: 316 L Stainless Steel
- Top Clamp: 304 Stainless Steel

Seals: See Below

Connections:

- Inlet/Outlet: 1 1/2" Sanitary Tri-Clamp Flange
- Vent: 1/4" Relief Valve

Finish:

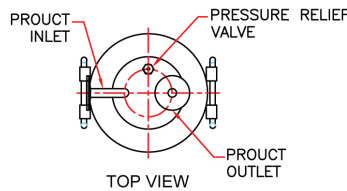
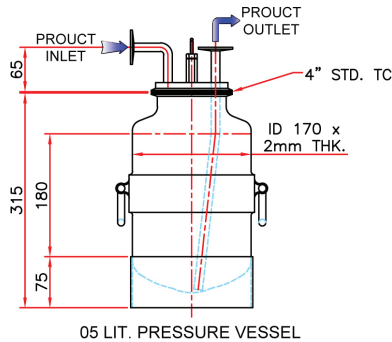
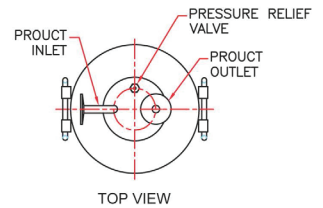
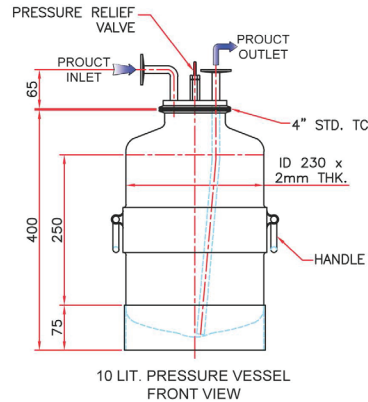
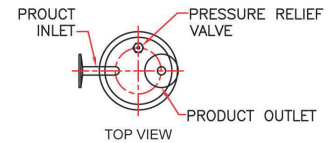
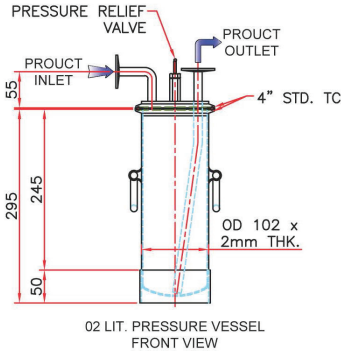
- Internal Surfaces: Electro-Polished < 12 RA
- External Surfaces: Electro-Polished < 20 RA

Operating Conditions:

Max Operating Pressure: 45psi @ 248 oF (120 oC)

Steam Sterilization:

232 oF for 30 minutes with EDPM seals



Pressure Can-5L

NOMENCLATURE PART NUMBER EXAMPLE: PART NUMBER EXAMPLE B0011-005BFCN-E-G

Part #	Volume	Inlet/Outlet (Std)	Vent/Drain (Std)	Seal	Options
B0011-002BFCN	2 Liters			B=Buna N, FDA	G=Gas Port
B0011-005BFCN	5 Liters	1- 1/2" Tri-Clamp	1/4" Relief Valve	E=EDPM	P=Pressure Port
B0011-010BFCN	10 Liters			K=Kalrez	H=Hose Barbs
				S=Silicone	
				V=Viton	