

CSH SANITARY HOUSINGS



Applications

- * Wine
- * Beer
- * Juices
- * Vinegar
- * Soft Drinks
- * Bottled Water
- * Process Water
- * Aseptic Packaged Liquids
- * Pharmaceutical Liquids
- * Chemical Filtration
- * Vent Filtration

CSH sanitary housings have been designed for high purity and critical applications. single cartridge sanitary housings are available in T-style or Inline configurations and offered in lengths from 5 through 40 inches. multi cartridge sanitary housings, available in 3,6,8,12 and 21 round models with swing bolt closures that are a proven design suited for high purity beverage, chemical and pharmaceutical applications. All are manufactured in 316L Stainless Steel with a 25 RA internal finish.

CSH housings are standard with 2-226 style cartridge adaptors giving you a positive locking tab seal. This allows flexibility in one housing to use different cartridge lengths and maximize filter performance and cost.

Please select the model below for detailed specifications and drawings.

Standard Features:

- * Food Grade Silicone Gaskets
- * No internal threaded parts that come in contact with the process fluid
- * 2-226 style cartridges adaptors
- * 1/2" sanitary vent and drain ports with clamp and blank plates
- * All multi round housings have a removable tube sheet so that all surfaces are cleanable.

Model Selection

Model	Single Cartridge CSHI & CSHT	Multi Cartridge CSH
Material	316L Stainless Steel	316L Stainless Steel
Number Round	1	3, 6, 8, 12
Style	Inline and T	T



CSH series

Single Cartridge Sanitary Housings

Inline & T-Style

Distributed by: John Mulhern Company 800 76-9201 707 578-5105
 PO Box 6604 Santa Rosa, CA 95406 fx 707 578-5105 info@jmulhern.com

CSH single cartridge sanitary housings are available in T-style or Inline configurations and offered in lengths from 5 through 40 inches. Sanitary clamp closures are a proven design suited for high purity beverage, chemical and pharmaceutical applications. They are manufactured in 316L Stainless Steel with a 25 RA internal finish. All CSH housings are standard with 2-226 style cartridge adaptors allowing a positive locking tab seal. This gives flexibility in one housing to use different cartridge lengths and maximize filter performance and cost. CSH housings have no internal threaded parts that come in contact with the process fluid and are standard with food grade silicone gaskets. 1" sanitary gauge port tops with 1/2" sanitary vent and drain ferrules are standard features. Each vent and drain port is standard with solid cap, silicone gasket and clamp.



Maximum Operating Parameters

Maximum Pressure: 150 PSI (10 bar)
Maximum Operating Temperature: 230°F (110°C)

Dimensions

Complete and detailed line drawings are available upon request. Please contact Critical Process Filtration with the model number and specifications you require.

Standard Specifications

This is to give you an overview of our standard product, please see reverse for options and ordering information.

Model	Number Round	Length of Cartridge	Inlet / Outlet	Drains	Gauge Port With Vent	Max Ctg Diameter	Gaskets	Mounting Legs	Cartridge Seal 2-226 / Tabs
CSH115	1	5"	1 1/2" TC	1/2" TC	Vent 1/2" TC	2 3/4"	Silicone	NA	Yes
CSH111	1	10"	1 1/2" TC	1/2" TC	Vent 1/2" TC	2 3/4"	Silicone	NA	Yes
CSH112	1	20"	1 1/2" TC	1/2" TC	Vent 1/2" TC	2 3/4"	Silicone	NA	Yes
CSH113	1	30"	1 1/2" TC	1/2" TC	Vent 1/2" TC	2 3/4"	Silicone	NA	Yes
CSH114	1	40"	1 1/2" TC	1/2" TC	Vent 1/2" TC	2 3/4"	Silicone	NA	Yes
CSHT115	1	5"	1" TC	1/2" TC	1" TC / 1/2" TC	2 3/4"	Silicone	Yes	Yes
CSHT111	1	10"	1" TC	1/2" TC	1" TC / 1/2" TC	2 3/4"	Silicone	Yes	Yes
CSHT112	1	20"	1" TC	1/2" TC	1" TC / 1/2" TC	2 3/4"	Silicone	Yes	Yes
CSHT113	1	30"	1" TC	1/2" TC	1" TC / 1/2" TC	2 3/4"	Silicone	Yes	Yes
CSHT114	1	40"	1" TC	1/2" TC	1" TC / 1/2" TC	2 3/4"	Silicone	Yes	Yes

Vent & Drain Twist Valve Option



Total Performance

Critical Process Filtration, Inc.® is a vertically integrated supplier of filtration products and services to industries in which filtration is considered to be a critical part of the manufacturing process. We manufacture a complete line of products to help you achieve all your filtration requirements from a single source.

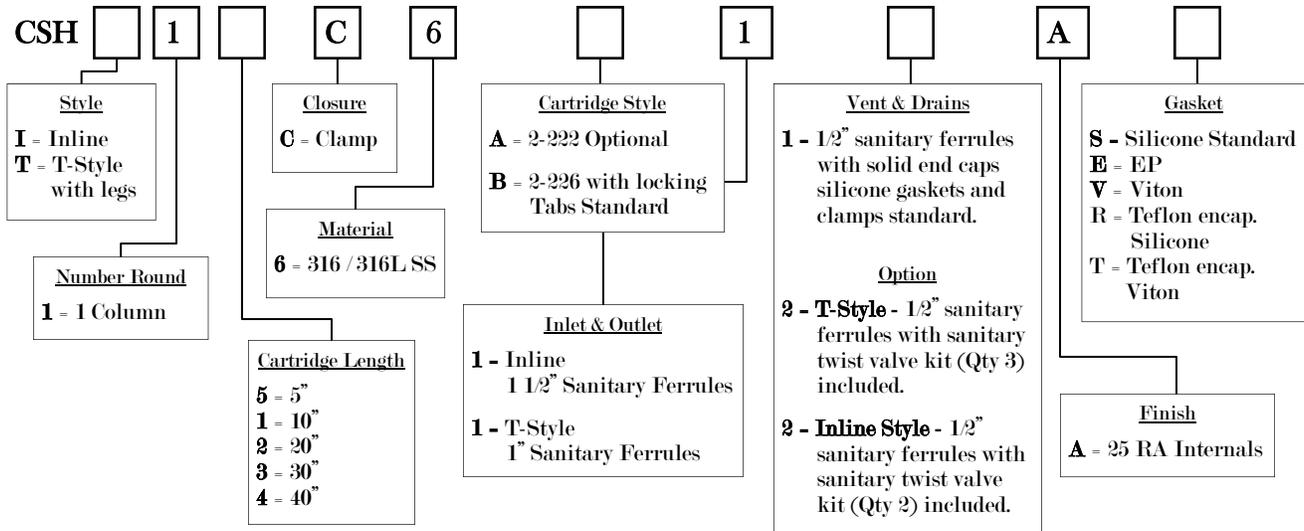


NOTE

Please contact Critical Process Filtration for other options or special requirements.

Ordering Information

The housing catalog number is made up of several variable characters i.e. housing style, length, cartridge style, gasket material and others below. For example: a 1 round, T-style, 30" length, clamp closure, 316L SS, 2-226 seal, 1" ferrules, with legs, 25 RA internal finish with Silicone gasket would be designated as: CSHT13C6B11AS





CSH series

Multi Cartridge Sanitary Housings 3 Through 21 Round

Distributed by: John Mulhern Company
PO Box 6604
Santa Rosa, Ca 95406

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fx 707 578-8692 info@jmulhern.com

CSH multi cartridge sanitary housings, available in 3,6,8,12 and 21 round models with swing bolt closures are a proven design suited for high purity beverage, chemical and pharmaceutical applications. They are manufactured in 316L Stainless Steel with a 25 RA internal finish. All CSH housings are standard with 2-226 style cartridge adaptors giving you a positive locking tab seal. This allows flexibility in one housing to use different cartridge lengths and maximize filter performance and cost. Designed with a removable tube sheet for maximum cleaning and sanitary performance. CSH housings have no internal threaded parts that come in contact with the process fluid each housing is standard with a spring loaded hold down plate and are standard with food grade silicone gaskets. 1" sanitary gauge port tops with 1/2" sanitary vent and drain ferrules are standard features. Each vent and drain port is standard with solid cap, silicone gasket and clamp.



Maximum Operating Parameters

Maximum Pressure: 150 PSI (10 bar)

Maximum Operating Temperature: 230°F (110°C)

Dimensions

Complete and detailed line drawings are available upon request. Please contact Critical Process Filtration with the model number and specifications you require.

Standard Specifications

This is to give you an overview of our standard product, please see reverse for options and ordering information.

Model	Number Round	Length of Cartridge	Inlet / Outlet	Drains	Gauge Port With Vent	Max Ctg Diameter	Gaskets	Mounting Legs	Cartridge Seal 2-226 / Tabs
CSH32	3	20"	2" TC	1/2" TC	1" TC / 1/2" TC	2 3/4"	Silicone	Yes	Yes
CSH33	3	30"	2" TC	1/2" TC	1" TC / 1/2" TC	2 3/4"	Silicone	Yes	Yes
CSH34	3	40"	2" TC	1/2" TC	1" TC / 1/2" TC	2 3/4"	Silicone	Yes	Yes
CSH63	6	30"	2" TC	1/2" TC	1" TC / 1/2" TC	2 3/4"	Silicone	Yes	Yes
CSH64	6	40"	2" TC	1/2" TC	1" TC / 1/2" TC	2 3/4"	Silicone	Yes	Yes
CSH83	8	30"	2" TC	1/2" TC	1" TC / 1/2" TC	2 3/4"	Silicone	Yes	Yes
CSH84	8	40"	2" TC	1/2" TC	1" TC / 1/2" TC	2 3/4"	Silicone	Yes	Yes
CSH123	12	30"	3" TC	1/2" TC	1" TC / 1/2" TC	2 3/4"	Silicone	Yes	Yes
CSH124	12	40"	3" TC	1/2" TC	1" TC / 1/2" TC	2 3/4"	Silicone	Yes	Yes
CSH213	21	30"	4" TC	1/2" TC	1" TC / 1/2" TC	2 3/4"	Silicone	Yes	Yes
CSH214	21	40"	4" TC	1/2" TC	1" TC / 1/2" TC	2 3/4"	Silicone	Yes	Yes

Vent & Drain Twist Valve Option



Hold Down Plate / Removable Tube Sheet



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Note

Please contact Critical Process Filtration for other options or special requirements.

Ordering Information

The housing catalog number is made up of several variable characters i.e. number round, length, cartridge style, gasket material and others below. For example: a 3 round, 30" length, swing bolt closure, 316L SS, 2-226 seal, 2" ferrules, welded legs, 25 RA internal finish with Silicone gasket would be designated as: CSH3356B21AS

