



12 & 21 CIH series

Multi Cartridge Industrial Housings With Swing Bolt Closure

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CIH multi cartridge swing bolt closure housings are a proven design suited for commercial and industrial applications. Available in 304 SS or 316L SS. Standard with Universal seal cups to accept DOE & 222 single open end fin or flat cartridges. Housings are standard with food grade EP gasket and also offered in other materials and port sizes, allowing the CIH to meet a wide spectrum of applications. Every multi cartridge CIH housing is standard with welded on legs and complete with operations manual. Standard surface finish is #320 machine polish and passivated.

Maximum Operating Parameters

Maximum Pressure: 150 psi (10 bar)
Maximum Operating Temperature: 300°F (149°C)

Flow Rates ¹

Model	Number Round	Length	Water Flow 1 micron *	Water Flow 10 micron *
CIH122	12	20"	72 gpm	168 gpm
CIH123	12	30"	108 gpm	252 gpm
CIH124	12	40"	144 gpm	336 gpm
CIH213	21	30"	189 gpm	440 gpm
CIH214	21	40"	252 gpm	588 gpm

*Based on a 1 micron GDMD melt blown cartridge at less than 2 psid clean drop.

*Based on a 10 micron GDMD melt blown cartridge at less than 2 psid clean drop. Flows greater than 400 gpm will have a higher pressure drop than 2 psid.

¹ Note: Flows and pressure drops will vary based on fluid filtered, viscosity, temperature, micron selection, cartridge type and pipe size. This is to be used for guidelines only.

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 with plugs	Vent with plug	Max Ctg Diameter	Gasket	Mounting Legs	Lifting Davit	Est Shipping Weight
CIH122	12	20"	3" RFF	1"	1/2"	2 3/4"	EP	Yes	Yes	161 lbs
CIH123	12	30"	3" RFF	1"	1/2"	2 3/4"	EP	Yes	Yes	172 lbs
CIH124	12	40"	3" RFF	1"	1/2"	2 3/4"	EP	Yes	Yes	190 lbs
CIH213	21	30"	4" RFF	1"	1/2"	2 3/4"	EP	Yes	Yes	260 lbs
CIH214	21	40"	4" RFF	1"	1/2"	2 3/4"	EP	Yes	Yes	285 lbs



Note

The pictured housings above are model number CIH124S6U62E

Standard Design Features

- All welded seams are argon welded for maximum corrosion resistance.
- Standard surface finish is #320 machine polish and passivated. Welds are ground smooth
- The CIH swing bolt housings are built to ASME and GMP standards.
- All swing bolt hardware is stainless steel components.

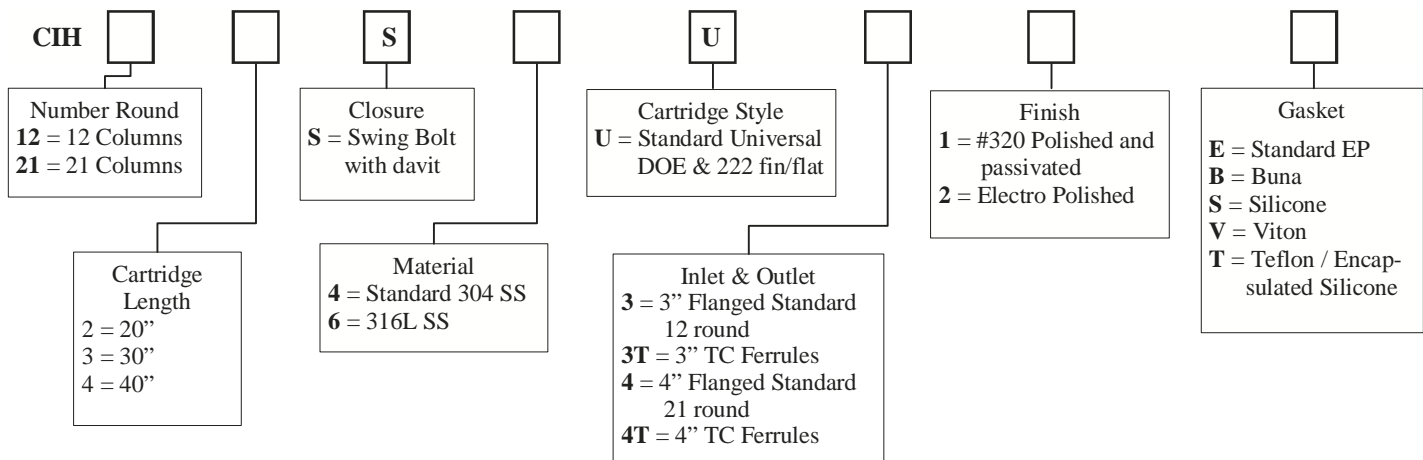
Dimensions

SEE DRAWING #TD12R
FOR SPECIFIC DIMENSIONS

SEE DRAWING #TD21R
FOR SPECIFIC DIMENSIONS

Ordering Information

The housing catalog number is made up of several variable characters i.e. number round, length, material, port size, gasket material and others below. For example: a 12 round, 30" length, swing bolt, 304 SS, Universal seal, 3" flanged, #320 finish with EP gasket would be designated as: CIH123S4U31E



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