1. Introduction

The H series, Universal Mount, single cartridge housings have the unique design of assuring the elements are seated in the mount receptacles before the closure can be tightened. This design prevents improper reseating of cartridges prior to being placed back into service and also keeps possible system back pressure from dislodging the elements from their respective seals.

The housing support base can be designed to hold filter housings in several positions including vertical, horizontal or angled orientation. Our exclusive V-bar cartridge support guide is designed to make cartridge installation easier and will accommodate 6 inch outside diameter cartridges with lengths from 20, 40 or 60 inches. Housings utilize 740 style cartridge elements.

Options for housing materials include carbon and stainless steel. Optional epoxy lined housings are available.

Housings are stamped ASME Code Section VIII, Division I, which insures premium material and construction for safety, quality and longer vessel life.

Housings have a unique V-bar cartridge guide for easy and accurate installation of 740 style cartridges.

The 740 series cartridge has dual o-ring seals that seats itself as the housings cover is tightened, insuring no liquid bypass. No springs or cups are used.

Gauge ports and drain ports are pre-tapped making gauges and valves easy to install.

A handle on the cover makes the vessel safer and easier to use than competitive vessels without this feature.

Multiple closure o-ring materials are available including Viton (standard), Buna, EPDM, and PTFE encapsulated silicone.

Features

- Housings offered in vertical, horizontal or angled orientation
- Materials of construction include carbon and stainless steel. Optional epoxy lined housings are available.
- Housings are stamped ASME Code Section VIII, Division I, which insures premium material and construction for safety, quality and longer vessel life.
- Housings have a unique V-bar cartridge guide for easy and accurate installation of 740 style cartridges.
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2. Dimensional Information

<table>
<thead>
<tr>
<th>Housing Configuration</th>
<th>A Inlet</th>
<th>B Outlet</th>
<th>C Vent</th>
<th>D D.P. Tap</th>
<th>E Drain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal</td>
<td>2&quot; 150#</td>
<td>2&quot; 150#</td>
<td>1/4&quot; FNPT</td>
<td>1/4&quot; FNPT</td>
<td>1&quot; FNPT</td>
</tr>
<tr>
<td>Vertical</td>
<td>2&quot; 150#</td>
<td>2&quot; 150#</td>
<td>1/4&quot; FNPT</td>
<td>1/4&quot; FNPT</td>
<td>1&quot; FNPT</td>
</tr>
<tr>
<td>Angled</td>
<td>2&quot; 150#</td>
<td>2&quot; 150#</td>
<td>1/4&quot; FNPT</td>
<td>1/4&quot; FNPT</td>
<td>1&quot; FNPT</td>
</tr>
</tbody>
</table>

Dimensions in inches except where noted. Due to our continuing program of product improvement, specifications are for reference only and subject to change without notice. Dimensions are approximate values and not intended for piping specifications.

NOTES:

F = 24-3/4 inches
G = 9-3/8 inches
H = 54-1/4 inches
J = 40-11/16 inches
K = 34-5/8 inches
L = 10-7/8 inches
M = 54-9/16 inches
N = 38-13/16 inches for tall leg or, 29-9/16 inches for short leg
P = 33 inches for tall leg or, 23-3/4 inches for short leg
R = 26-3/16 inches for tall leg or, 16-15/16 inches for short leg
S = 61-3/4 inches
T = 33-7/8 inches
V = 27-3/8 inches
W = 9-3/4 inches
Z = 16-5/8 inches
*9 = 9 inches
*16 = 16 inches
*18 = 18 inches
Up to 60 inches clearance may be needed for cartridge removal depending on cartridge size used.

3. Typical Model Number

<table>
<thead>
<tr>
<th>H</th>
<th>V</th>
<th>U</th>
<th>1</th>
<th>Q</th>
<th>C</th>
<th>15</th>
<th>W</th>
<th>2</th>
<th>V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nowata 740 Series</td>
<td>Housing Orientation</td>
<td>Housing Material</td>
<td>Number of Elements</td>
<td>Element Length</td>
<td>ASME Code</td>
<td>Pressure Rating</td>
<td>Connection Type</td>
<td>Connection Size</td>
<td>O-Ring Material</td>
</tr>
</tbody>
</table>

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