Features:
- Ruggedly designed for Vaughan Chopper pumps.
- Simple cartridge seal installation. As easy to install as the time-proven single Vaughan Cartridge Seal.
- Choice of face materials & elastomers allows seal to be tailored to application.
- Available for all sizes of Vaughan horizontal and pedestal dry pit pumps.

Flush Configurations:
Quench & Drain
- Use a low cost flow regulator to control flow at 3 gallons per hour
- Upgrade to available thermal valve for lower water usage.
- Add available temperature switch to guard against loss of supply water for flush system

Other flushing configurations are available upon request

Dimensions:

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-6” Pumps</td>
<td>2”</td>
<td>4”</td>
<td>1/4” NPT</td>
</tr>
<tr>
<td>8-16” Pumps</td>
<td>3.25”</td>
<td>6.5”</td>
<td>1/4” NPT</td>
</tr>
</tbody>
</table>

Materials of Construction:
- Sleeve.........Heat treated stainless steel
- Housing........Stainless steel or ductile iron
- Springs........Stainless steel
- Faces..........Silicone carbide or tungsten carbide
- Elastomers...Viton – others available

Vaughan Co., Inc.
364 Monte Elma Road
Montesano, WA 98563
Phone: 360-249-4042, FAX: 360-249-6155
e-mail: info@chopperpumps.com

CURRENT U.S. PATENTS: Nos. 7,125,221, 5,460,482; 5,460,483; 5,456,580; 5,256,032; 5,076,757; 4,840,384; 4,842,479.
CURRENT FOREIGN PATENTS: Nos. 2 371 834; 2 188 138; 1,290,981; 276224; 0 774 045.
OTHER PATENTS PENDING.
Vaughan Tandem Mechanical Cartridge Seal

Outlet to drain with optional Thermal Valve

Optional Temperature Switch

Inlet from external flush source

QUENCH & DRAIN

DRAIN

TSH

FLOW METER

FM

FLOW REGULATING VALVE

STRAINER

TO INLET FROM EXTERNAL FLUSH (GREY WATER OR BETTER)

QUENCH & DRAIN WITH THERMAL VALVE

THERMAL VALVE

T

DRAIN

TSH

OPTIONAL HIGH TEMPERATURE SWITCH

STRAINER

TO INLET FROM EXTERNAL FLUSH (GREY WATER OR BETTER)

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