



## DRAIN, FILTER AND SAMPLING VALVES

ANSI Standards require valves to filter, drain and sample the fluid in transformers and other electrical apparatus. Bronze globe valves with and without integrated sampling valves are preferred by the industry for reliability and corrosion resistance. A globe valve without the sampling feature is normally used at the top of the tank for filtering the fluid. Additionally, a globe valve with an integrated sampling valve is used at the bottom of the tank to drain, filter and sample the fluid. Individual sampling valves are also used to retrofit or add the feature to drain valves without sampling capability and replace older drain valves with separate sampling valves. Sampling valves are also used when the filter and drain feature are not required.

### NEW PRODUCT

IEEE and ASTM Standards stress the importance of using accurate fluid sampling methods to insure reliable test results. A new generation Heartland drain valves with integrated sampler and the exclusive *Sure-Sight Gauge™* feature improves upon conventional sampling methods. The *Sure-Sight Gauge™* feature offers visibility into the output chamber of the valve to confirm it is empty before and after sampling to ensure a fresh sample is taken every time. Better control of the sample volume also minimizing fluid waste. New models are available in 1", 1 ½" and 2" sizes.



Want to upgrade your existing drain valve with the *Sure-Sight Gauge™* feature? You can order them separately and add it to any 1", 1 ½" and 2" valve by simply replacing the solid pipe plug in the output chamber. See the **ACCESSORY** section of the **MODEL SELECTION CHART** for models.

Heartland offers a wide selection of valves and accessories that meet or exceed ANSI and industry standards. Please refer to the **MODEL SELECTION CHART** to select the Heartland model number that meets your requirements or contact Heartland Customer Service for assistance.



## DRAIN VALVE MODEL SELECTION CHART

Model Number	Steel Handle	Brass Handle	Sampler	Brass Pipe Plug with Vibra Seal	Cast Pipe Plug with Vibra Seal	Sure-Sight Gauge™ with Vibra Seal	Brass Nipple with Vibra Seal
<b>1/2"</b>							
TW-10102166	X						
TW-10102226	X			X			
TW-10102210	X				X		
TW-10102167		X					
TW-10102227		X		X			
TW-10102211		X			X		
<b>3/4"</b>							
TW-10102209	X						
TW-10102228	X			X			
TW-10102218	X				X		
<b>1"</b>							
TW-10102168	X						
TW-10102229	X			X			
TW-10102212	X				X		
<b>TW-10102213</b>	<b>X</b>					<b>X</b>	
TW-10102230	X						X
TW-10102170	X		X				
TW-10102231	X		X	X			
TW-10102196	X		X		X		
<b>TW-10102198</b>	<b>X</b>		<b>X</b>			<b>X</b>	
TW-10102232	X		X				X
TW-10102233	X		X	X			X
TW-10102183	X		X		X		X
<b>TW-10102200</b>	<b>X</b>		<b>X</b>			<b>X</b>	<b>X</b>
TW-10102169		X					
TW-10102234		X		X			
TW-10102214		X			X		
<b>TW-10102215</b>		<b>X</b>				<b>X</b>	
TW-10102235		X					X
TW-10102171		X	X				
TW-10102236		X	X	X			
TW-10102197		X	X		X		
<b>TW-10102199</b>		<b>X</b>	<b>X</b>			<b>X</b>	
TW-10102237		X	X				X
TW-10102238		X	X	X			X
TW-10102184		X	X		X		X
<b>TW-10102201</b>		<b>X</b>	<b>X</b>			<b>X</b>	<b>X</b>



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<b>1 1/2"</b>							
TW-10102204	X						
TW-10102206	X				X		
TW-10102195	X		X		X		
<b>TW-10102222</b>	<b>X</b>					<b>X</b>	
TW-10102205		X					
TW-10102207		X			X		
TW-10102208		X	X		X		
<b>TW-10102223</b>		<b>X</b>				<b>X</b>	
<b>2"</b>							
TW-10102172	X						
TW-10102216	X				X		
TW-10102174	X		X				
TW-10102202	X		X		X		
<b>TW-10102224</b>	<b>X</b>		<b>X</b>			<b>X</b>	
TW-10102173		X					
TW-10102217		X			X		
TW-10102175		X	X				
TW-10102203		X	X		X		
<b>TW-10102225</b>		<b>X</b>	<b>X</b>			<b>X</b>	



## DRAIN VALVE ACCESSORIES

<i>Model Number</i>	<i>Non-Solid Square Headed</i>	<i>Non-Solid Square Headed Brass</i>	<i>Solid Square Headed Brass Pipe</i>	<i>Solid Square Headed Brass Pipe</i>	<i>Solid Square Headed</i>	<i>Solid Square Headed Cast Pipe Plug with</i>
<b>1/2"</b>						
TW-10102239	X					
TW-10102154		X				
TW-10102240			X			
TW-10102241				X		
TW-10102242					X	
TW-10102243						X
<b>3/4"</b>						
TW-10102244					X	
TW-10102245						X
<b>1"</b>						
TW-10102246	X					
TW-10102155		X				
TW-10102247			X			
TW-10102248				X		
TW-10102095					X	
TW-10102249						X
<b>1 1/2"</b>						
TW-10102250					X	
TW-10102251						X
<b>2"</b>						
TW-10102252					X	
TW-10102253						X

<i>Model Number</i>	<i>Sure-Sight Gauge™</i>	<i>Sure-Sight Gauge™ with Vibra Seal</i>	<i>Sure-Sight Gauge™ with Fused Glass</i>
<b>1/2"</b>			
HLG-1050	X		
<b>3/4"</b>			
HLG-1075	X		
<b>1"</b>			
HLG-1000-012	X		
HLG-1000-R8		X	
HLG-1010			X
<b>1 1/2"</b>			
HLG-1006	X		
HLG-1006-100		X	
<b>2"</b>			
HLG-1020	X		
HLG-1020-100		X	

<i>Model Number</i>	<i>Brass Oil Sampling Valve</i>	<i>Brass Oil Sampling Valve with Vibra Seal</i>
<b>3/8"</b>		
TW-10102008	X	
TW-10102255		X
<b>1/2"</b>		
TW-10102010	X	
TW-10102256		X
<i>Model Number</i>	<i>Brass Gas Sampling Valve</i>	
<b>1/4"</b>		
TW-10102045	X	
<i>Model Number</i>	<i>Brass Nipple</i>	<i>Brass Nipple with Vibra Seal</i>
<b>1"</b>		
TW-10102254	X	
TW-10102182		X