

SHURJOINT®

Model 726 Y-Strainer

Installation Instructions

Product Description

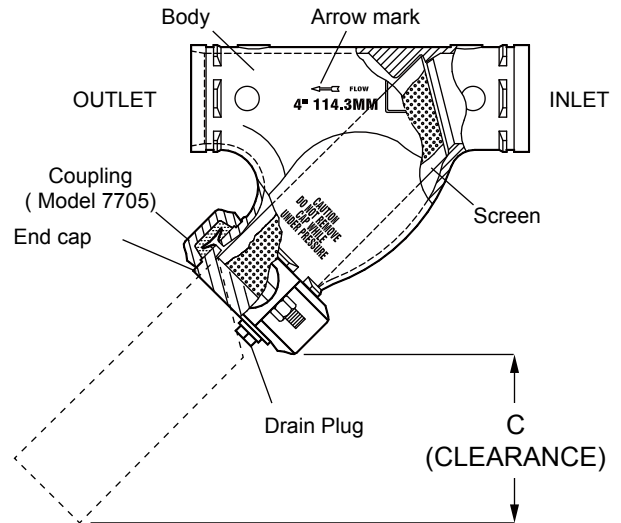
The Model 726 Grooved-end Y-Strainers are designed to strain debris and foreign matter from piping systems and thus provide inexpensive protection for costly pumps, meters and other components. The 726 Y-Strainer can be installed quickly and easily with two mechanical couplings and the straight flow through design provides for lower pressure drop. This strainer features a stainless steel screen that is secured with an end cap and mechanical coupling. Cleaning and maintenance of the screen can be accomplished easily by removing the coupling. The Model 726 Y-Strainer is suitable for vertical or horizontal installations.

Standard Screen: 1/16" (1.6mm) perforated for 2"~3" sizes and 1/8"(3.2mm) perforated for 4" ~ 16". Other customized screen perforations are available on request.

Pipe Preparation

While pipe sizes are normally identified by the nominal size, always check the actual O.D. of the pipe and the fittings to be connected, as in some markets it is customary to refer to a different pipe O.D. with the same nominal size. Sealing surface (pipe end to the groove) should be free of indentations, projections, loose coatings, rust, etc. for optimum sealing. Pipe ends should be cut square.

Prepare a roll or cut groove on the pipe end with a **SHURJOINT** or other roll or cut grooving machine or tool in accordance with the manufacturer's operation manual and to the proper groove specification. Refer to ANSI/AWWA C606-97 for the groove specifications.



Part Names

Assembly Clearance

Please install the 726 Y-strainer so that you can secure good enough space for maintenance. The "C" (CLEARANCE) listed below shows the minimum necessary space for removing the screen.

Nominal Size	Pipe OD	" C " CLEARANCE	Nominal Size	Pipe OD	" C " CLEARANCE
mm / in	mm / in	mm / in	mm / in	mm / in	mm / in
50	60.3	116	250	273.0	320
2	2.375	4.56	10	10.750	12.60
65	73.0	122	300JIS	318.5	366
2	2.875	4.80		12.539	14.40
76.1 mm	76.1	122	300	323.9	366
	3.000	4.80	12	12.750	14.40
80	88.9	129	350	355.6	480
3	3.500	5.08	14	14.000	18.90
100	114.3	168	400	406.4	483
4	4.500	6.61	16	16.000	19.00
139.7	139.7	258	450	457.2	711
	5.500	10.16	18	18.000	28.00
125	141.3	258	500	508.0	813
5	5.563	10.16	20	20.000	32.00
150	168.3	219	550	558.8	838
6	6.625	8.62	22	22.000	33.00
165.1	165.1	219	600	609.6	864
	6.500	8.62	24	24.000	34.00
200JIS	216.3	284	650	660.4	965
	8.516	11.18	26	26.000	38.00
200	219.1	284	700	711.2	1041
8	8.625	11.18	28	28.000	41.00
250JIS	267.4	320	750	762.0	1130
	10.528	12.60	30	30.000	4450



SHURJOINT PIPING PRODUCTS INC.

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Installation Instructions

WARNING

- ❖ Always depressurize and drain the piping system before installation.
- ❖ Read and understand the instructions before install the **SHURJOINT** products
- ❖ Always wear working helmet, safety glasses and safety shoes.



- ❖ Failure to follow these instructions could result in joint failure, property damage or serious injury.

1. **Locate the Arrow Mark** on the valve body. The arrow must point to the direction of flow.
2. **Position the Y-Strainer** in place in accordance with the flow direction. In vertical installation, the arrow shall point downward.
3. **Connect the Y-Strainer** with two **SHURJOINT** couplings, that are suitable for the intended service. (or similar products of other manufacturer's make.) Please refer to the specific installation instructions for the couplings being used.

| CAUTION |

- ❖ Do not use the Grade E EPDM gasket for petroleum or other oil services.
- ❖ Always thoroughly lubricate the gasket and pipe end to ensure optimum gasket sealing.
- ❖ Excessive torque may lead to joint failure.
- ❖ Uneven tightening may cause the gasket to be pinched, resulting in an immediate or delayed leak.

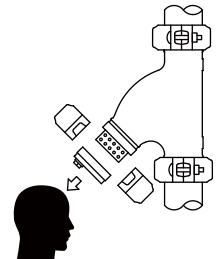
Maintenance

Removal of Screen

1. **Check the piping system** is completely depressurized and drained.
2. **Remove the drain plug** on the end cap
3. **Disassemble the Coupling and end cap.** Be prepared to support the screen when removing the gasket and end cap.
4. **Rinse the screen to remove any debris that has accumulated.**

WARNING

- ❖ Always depressurize and drain the piping system before attempting to remove and maintain any **SHURJOINT** products.
- ❖ End cap and plug may be under pressure.
- ❖ Failure to follow these instructions could result in joint failure, property damage or serious injury.



Screen Installation

1. **Align the angled end *** of the screen for proper insertion into the strainer body.
2. **Insert the screen** into the strainer body.
3. **Install the end cap and the coupling.**
Please refer to the specific installation instructions for the coupling (Model 7705).

* : For sizes above 14", the screen end is flat.



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