

T-Type Stainless Steel Strainer



Armstrong

T-Type Stainless Steel Strainer

For steam and refrigeration systems

Protect your refrigeration or steam system by catching particles before they can harm valves or other sensitive equipment. Armstrong's T-Type Strainer removes solids from the liquid or gas flowing in your pipelines.

All Stainless Steel Construction

The proven thin wall stainless steel construction of Armstrong's T-Type Strainer gives you the following benefits:

- High resistance to corrosion.
- Lightweight.
- High resistance to damage from freezing.
- A body design which allows for a larger open screen area.
- Low temperature capability.

Easier Maintenance

The retainer design of Armstrong's T-Type Strainer provides easier maintenance. A stainless steel retainer wire holds the strainer screen in place. This retainer is easily accessible through the strainer blowdown connection. For cleaning or replacement, the screen may be easily removed with a pair of pliers.

Three-Year Guarantee

Armstrong's T-Type Strainer comes with a three-year guarantee against defective materials, workmanship, and failure due to wear.

Armstrong's T-Type Strainer is ideal for use in refrigeration systems, corrosive environments, and applications where sanitary conditions must be maintained, or any application where stainless steel strainers are required.

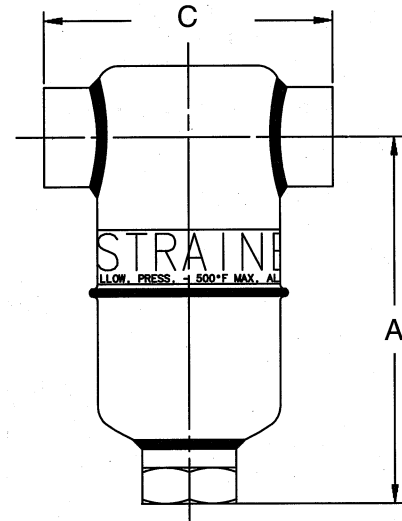
Armstrong also manufactures Y-Type Strainers in a wide choice of sizes and materials to meet the bulk of all pipeline straining requirements. For more information on strainers for your application, contact your Armstrong Representative.

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Physical Data				
	in	mm	in	mm
Pipe Connections	1/2	15	3/4	20
"A" (Bottom to \varnothing)	5	127	5-1/16	129
"B" (Height)	5-7/8	149	6-1/16	154
"C" (Width)	4	102	4	102
Weight lb. (kg)	1-5/8	.73	1-7/8	.85
Perforation Size	.045" perforated*			
Total Screen Area sq. in.	8.2			
Percentage of Open Area of Screen	37%			
Ratio of Open Area of Screen to Inside Area of Pipe	10.1		7.26	
Maximum Operating Pressure	400 psig (27 bar) @ 500°F (260°C)			

* For other screen options, consult factory.

List of Materials	
Body	T304L Stainless Steel
Screen (T1SC) .045 perforated	T304 Stainless Steel
Screen Retainer Wire	T316 Stainless Steel



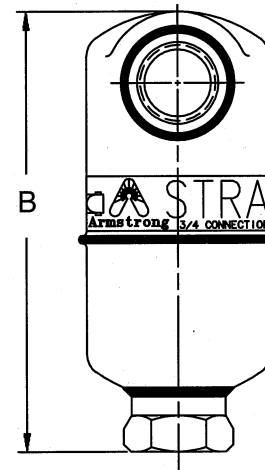
Ordering

When ordering, designate T1SC-1/2" for 1/2" NPT connections or T1SC-3/4" for 3/4" NPT connections.

Installation Guidelines

Selection or installation of equipment should always be accompanied by competent technical assistance. We encourage you to contact Armstrong or its local Representative if further information is required.

1. Clean all threaded areas of pipe thoroughly before installing strainer. Use pipe dope or teflon sparingly. Leave the end thread exposed to avoid introducing the sealant into the system.
2. The strainer can be installed in either the horizontal or vertical down position. **Note: The flow arrow on the top of the strainer must correspond to the direction of fluid flow in the system.**
3. When installing the strainer, leave a 12 inch clearance at the blowdown connection for screen removal.
4. **NOTE: Install a pipe plug or blowdown valve (not included) in the blowdown connection of the strainer.**



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