

Cast Simplex Strainers

Cast Iron, NPT Threaded

**ASME Section VIII, Div 1,
Current Edition:
U and UM CODE STAMP
Available**

BTC125 Cast Iron, Swivel Clamp Cover



Features

Sure Flow Basket Strainers feature top removal of the screen. The screen is in the form of a basket, with a lifting handle, so that all particulate captured and retained by the screen can be easily removed for disposal. They are intended for applications where larger amounts of solid particulate are expected, and where clean-out will be frequent. Models are standard with "Swivel Clamp Cover" to allow fast and easy screen removal without the use of tools. Basket and cover both have BUNA-N O-ring seals eliminating the need to change gaskets each time the strainer is serviced.

Construction

No.	Name	Material	Qty
1	Cover	ASTM A126 Class B Cast Iron	1
2	Clamp	ASTM A126 Class B Cast Iron	1
3	Bolting	SAE J429 Grade 2 Zinc Plated	2
4	O-Ring	BUNA-N	1
5	Cast Body	ASTM A126 Class B Cast Iron	1
6	Basket Assembly	Stainless Steel Construction	1
7	Drain Plug	ASTM A126 Class B Cast Iron	1

Standard Screens

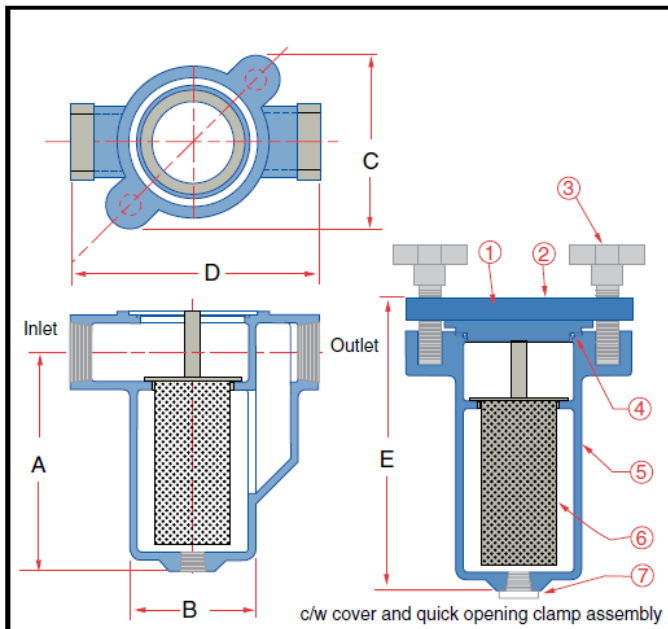
Size	Std.	Opening
1/2" - 3"	1/32" perf	0.032"

Operating Pressures and Temperatures

Type	Size	PSI @ Temp Steam	PSI @ Temp WOG
BTC125	3/8" - 3"	125 344°F	200 150°F

Dimensional Data

Size	Prefix	A	B	C	D	E	Drain	Shipping Weight (lbs)
3/8	0038	5 1/4	3 9/16	5 7/16	6 3/8	7	1/2	18
1/2	0050	5 1/4	3 9/16	5 7/16	6 3/8	7	1/2	22
3/4	0075	5 1/4	3 5/8	5 7/16	6 7/8	7 5/8	1/2	25
1	0100	5 1/4	3 5/8	5 7/16	6 7/8	7 5/8	1/2	26
1 1/4	0125	7 3/8	4 1/4	5 7/8	8 3/8	9 3/4	3/4	29
1 1/2	0150	7 3/8	4 1/4	5 7/8	8 3/8	9 3/4	3/4	32
2	0200	7 1/8	5 1/4	6 5/8	9 5/8	9 3/4	1	44
2 1/2	0250	8 5/8	6 3/4	8 3/16	12 3/4	12	1 1/2	82
3	0300	12	6 3/4	8 5/16	13 1/4	15 3/4	1 1/2	96



Ordering Information

Example: Include full description

Size (Prefix)	Model Number	*Screen Opening
0150	- BTC 125	- 016

1-1/2" NPT, Basket Strainer,
Cast Iron, 40 Mesh Screen

Notes

Manufacturer reserves the right to modify dimensions, materials, or design. Contact factory for certification.

Optional Features

- Baskets with any chosen perforations
- Baskets are available in other materials
- Replaceable inserts available from 20 to 300 mesh.

*Must specify if for steam service.

