

### Design Features:

- Strainers are equipped with threaded (N.P.T.) inlet/outlet connections.
- Strainer body meets ASME B16.4.
- IFC series Y250TIT strainers equipped with threaded cover cap that utilize a flat gasket seal.
- IFC series Y250TIB strainers equipped with bolted cover flange that utilize a flat gasket seal.
- Upper and lower machined seats.
- 304 SS mesh screens are standard. Perforated plate screens are optional.
- Drain/Blow-off connection furnished with plug as standard.
- Generous screen area and properly proportioned straining chamber to minimize initial pressure drop while maximizing time between cleanings.

### Parts List and Standard Materials

Part	Model Y250TIT	Model Y250TIB
Body	A126-B	A126-B
Cap/Cover	A126-B	A126-B
Screen <sup>1</sup>	304SS	304SS
Plug <sup>2</sup>	A126-B	A126-B
Gasket <sup>1</sup>	Non-asbestos	Non-asbestos

### Upper Pressure Limits (Non-Shock)

IFC Model	Body Material	M.A.W.P. psig (Bars)
Y250TIT, Y250TIB	A126-B	400 (27.58)

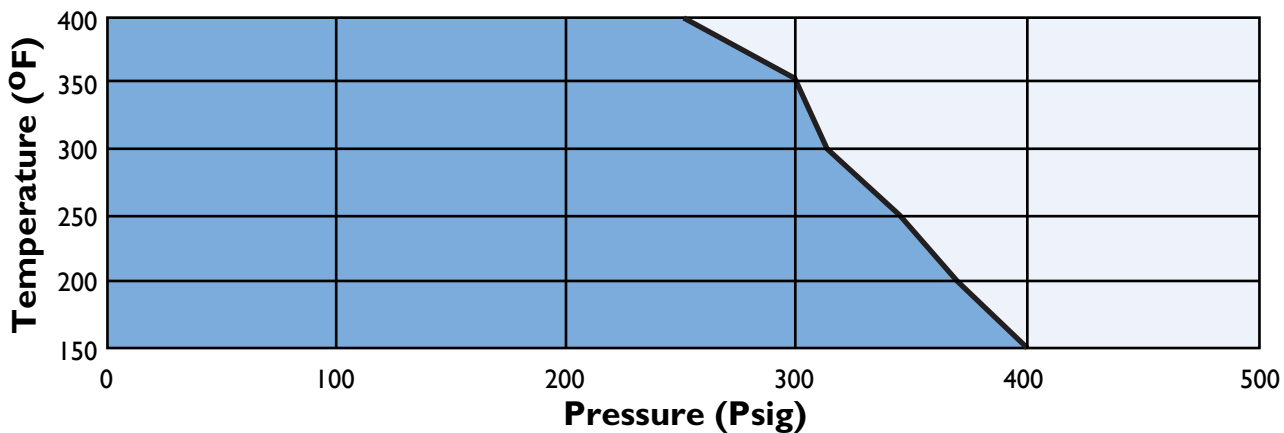
### Lower Temperature Limits

Body Material	Lower Limit ;F (;C)
A126-B	-20 (-28.9)

**Notes:** 1. Recommended Spares.

2. Materials of equivalent strength may be substituted at manufacturer's option.

### Pressure Temperature Chart (In accordance with ASME B16.4)



**Note:** Strainers may not be used on service where the temperature exceeds 406°F.

### Standard Screens

Size range	Opening
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1/4" - 2"	0.032 in.
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8mm - 50mm	0.8 mm
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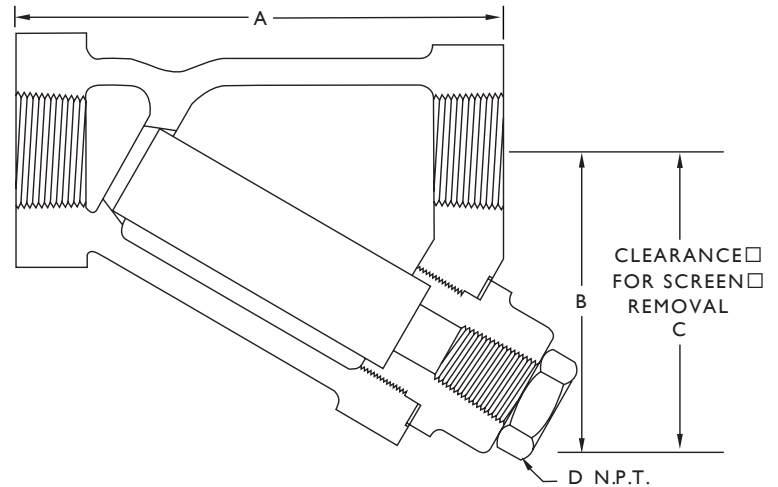
2 1/2" - 3"	0.045 in.
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65mm - 80mm	1.2 mm
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#### Notes:

IFC Model Y250TIT is shown.

Model Y250TIB is complete with a bolted cover.



### Dimensional Data (Class 250)

Size in (mm)	A in (mm)		B in (mm)		C in (mm)		D NPT in (mm)		Weight Lb. (Kg.)	
	Y250TIT	Y250TIB	Y250TIT	Y250TIB	Y250TIT	Y250TIB	Y250TIT	Y250TIB	Y250TIT	Y250TIB
1/4" 8	3.19 81	- -	2.06 52	- -	3.13 80	- -	1/4 8	- -	1.5 0.7	- -
3/8" 10	3.19 81	- -	2.06 52	- -	3.13 80	- -	1/4 8	- -	1.5 0.7	- -
1/2" 15	3.19 81	- -	2.06 52	- -	3.13 80	- -	1/4 8	- -	1.5 0.7	- -
3/4" 20	3.75 95	- -	2.44 62	- -	3.69 94	- -	3/8 10	- -	2.5 1.1	- -
1" 25	4.00 102	- -	2.44 62	- -	3.69 94	- -	3/8 10	- -	3 1.4	- -
1 1/4" 32	5.00 127	- -	3.38 86	- -	5.06 129	- -	3/4 20	- -	5.5 2.5	- -
1 1/2" 40	5.75 146	- -	3.88 99	- -	5.75 146	- -	3/4 20	- -	8 3.6	- -
2" 50	7.00 178	- -	4.75 121	- -	7.25 184	- -	1 25	- -	13 5.9	- -
2 1/2" 65	9.25 235	9.25 235	5.88 149	7.00 188	8.75 222	10.50 267	1 1/2 40	1 25	22 10	29 13
3" 80	10.00 254	10.00 254	6.00 1.63	8.00 203	9.00 2.29	11.50 292	1 1/2 40	1 25	30 14	39 18

#### General:

1. For further optional features see page 19.
2. Other perforations and screen materials available. Please see page 20.
3. For pressure loss information see page 21 and 23.
4. For ordering information please see page 30.
5. Dimensions shown are subject to change. Contact factory for certified prints when required.