

### Design Features:

- Strainers are available with threaded (N.P.T.) or sweat (Class 125 Lb. Only) inlet/outlet connections.
- Strainer body meets ASME B16.15.
- Strainers equipped with threaded cover cap 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.

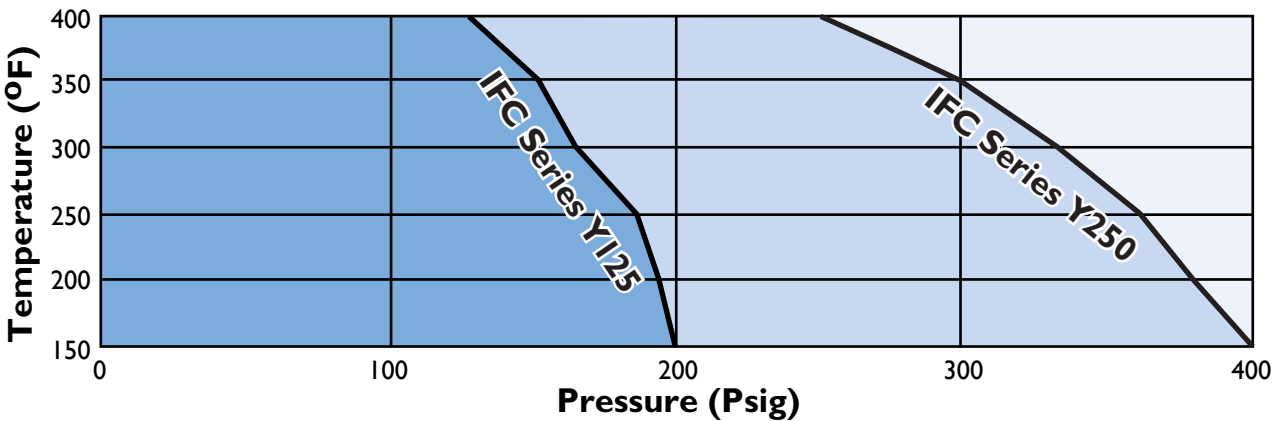
Parts List and Standard Materials		
Part	Series Y125	Series Y250
Body	B62	B62
Cap	B62	B62
Screen <sup>1</sup>	304SS	304SS
Plug	B62	B62
Gasket <sup>1</sup>	Teflon	Silicon

**Notes:** 1. Recommended Spares.

Upper Pressure Limits (Non-Shock)		
IFC Model	Body Material	M.A.W.P. psig (Bars)
Y125TBT, Y125SBT	B62	200 (13.79)
Y250TBT	B62	400 (27.58)

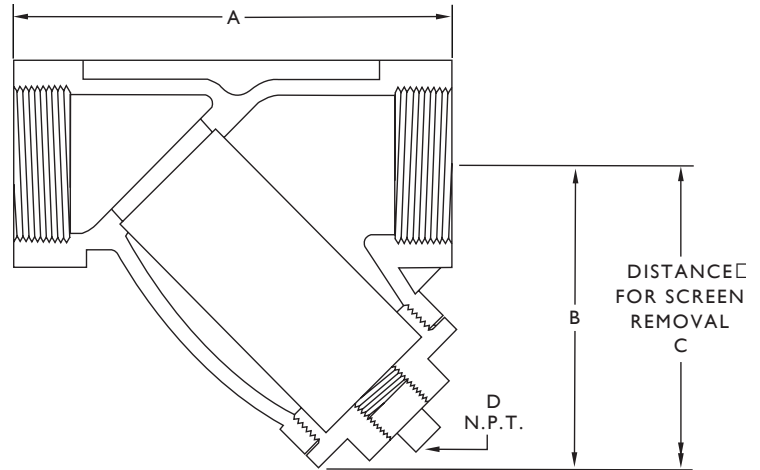
Lower Temperature Limits	
Body Material	Lower Limit ;F (;C)
B62	-20 (-28.9)

### Pressure Temperature Chart (in accordance with ASME B16.15)



**Note:** Limited to 400°F maximum sustained operating temperature.

Standard Screens	
Size range	Opening
3/8" - 2"	0.032 in.
10mm - 50mm	0.8 mm
2 1/2" - 3"	0.045 in.
65mm - 80mm	1.2 mm



### Dimensional Data (Classes 125, 250)

Size in (mm)	A in (mm)			B in (mm)		C in (mm)		D NPT in (mm)		Weight Lb. (Kg.)	
	Y125T	Y125S	Y250	Y125	Y250	Y125	Y250	Y125	Y250	Y125	Y250
3/8" 10	3.25 82	3.38 86	-	2.13 55	-	3.50 89	-	3/8 10	-	1.00 0.45	-
1/2" 15	3.25 82	3.38 86	3.06 78	2.13 55	2.25 57	3.50 89	3.88 99	3/8 10	3/8 10	1.00 0.45	1.25 0.57
3/4" 20	4.00 100	4.00 100	3.54 90	2.75 70	2.50 64	4.50 114	4.19 106	3/8 10	3/8 10	1.00 0.45	1.50 0.68
1" 25	4.50 115	5.00 127	4.19 106	3.00 75	3.19 81	5.00 127	4.88 124	1/2 15	3/4 20	2.00 0.91	2.00 0.91
1 1/4" 32	5.38 136	5.88 149	5.06 129	3.50 90	3.63 92	5.75 146	5.75 146	1/2 15	3/4 20	2.00 0.91	3.00 1.36
1 1/2" 40	6.25 158	6.88 175	5.94 151	3.88 98	4.19 106	6.38 162	6.63 168	1/2 15	3/4 20	3.00 1.36	4.00 1.81
2" 50	7.50 191	8.50 216	7.75 197	5.50 138	5.75 146	9.06 230	8.19 208	1/2 15	3/4 20	7.00 3.18	7.50 3.40
2 1/2" 65	9.06 230	9.06 230	-	6.00 150	-	10.00 254	-	1/2 15	-	9.75 4.42	-
3" 80	10.25 260	10.25 260	-	6.25 160	-	10.38 264	-	1/2 15	-	13.00 5.90	-

#### 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.