

## SPECIFICATIONS

# FIGURE 510A

## Y-STRAINER



### BRONZE 400 WOG Y-STRAINER

#### FEATURES

- 400 WOG
- 250 SWP
- Solder ends
- Cast bronze body
- 20 mesh stainless steel screen
- Blow-off plug included

#### PRODUCT SPECIFICATIONS

##### Standards

- Solder ends: ANSI/ASME B16.18
- Shell (Hydro) test pressure: 600 PSI



#### FIGURE NUMBER MATRIX

FNW 510A		
SIZE CODE (IN.)		
1/2 = D	1 = G	1-1/2 = J
3/4 = F	1-1/4 = H	2 = K

#### REPAIR PARTS

REPLACEMENT SCREENS	REPLACEMENT GASKETS
1/2 = FNW510SD	1/2 = FNWX510GD
3/4 = FNWX510SF	3/4 = FNWX510GF
1 = FNWX510SG	1 = FNWX510GG
1-1/4 = FNWX510SH	1-1/4 = FNWX510GH
1-1/2 = FNWX510SJ	1-1/2 = FNWX510GJ
2 = FNWX510SK	2 = FNWX510GK

#### CV & WEIGHTS

Size (in.)	CV	Wt (lbs)
1/2	5.2	0.692
3/4	9.8	1.045
1	16.8	1.548
1-1/4	27.8	2.436
1-1/2	38.6	3.134
2	45.1	5.279

PARTS BREAKDOWN

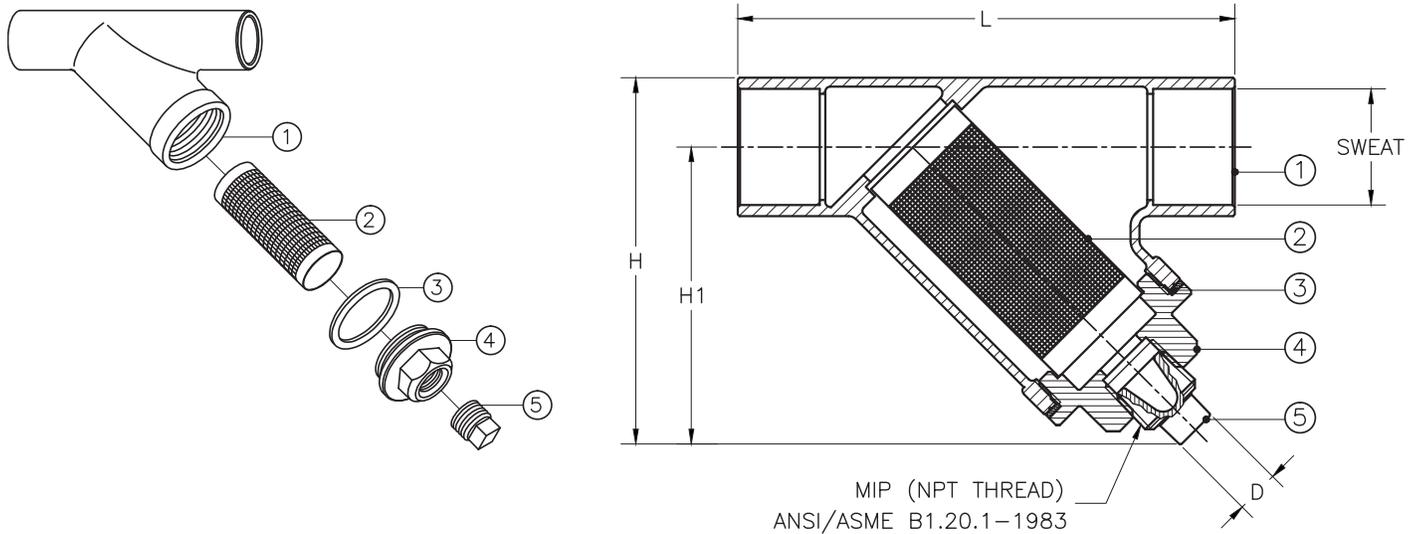
**FIGURE 510A**

Y-STRAINER



BRONZE 400 WOG Y-STRAINER

PARTS DIAGRAM



PART MATERIALS & QUANTITY

Ref #	Description	Material	Qty
1	Body	Cast Bronze C84400	1
2	Filter	Stainless Steel 304 #20 Mesh	1
3	Packing	Non-Asbestos	1
4	Bonnet	Cast Bronze C84400	1
5	Plug	Cast Bronze C84400	1

REFERENCE CHART (INCHES)

Size		Dimensions				Sweat		Flow Rate	Pressure Test (PSI)	Pressure Drop (PSI)
FNPT inlet	MNPT outlet	D	H	H1	L	Min	Max			
1/2	3/8	0.45	2.84	2.402	3.42	0.62	0.63	16.32	25	10
3/4	1/2	0.45	3.27	2.697	4.31	0.87	0.88	30.97	25	10
1	1/2	0.45	3.78	3.110	5.09	1.12	1.13	53.07	25	10
1-1/4	1/2	0.45	4.37	3.543	5.90	1.37	1.38	87.90	25	10
1-1/2	1/2	0.45	4.82	3.858	6.89	1.62	1.63	122.09	25	10
2	1/2	0.45	5.91	4.685	8.62	2.12	2.13	142.75	25	10