



**STYLE 'S'  
CAST IRON  
Y-STRAINER  
250# THREADED**

**LIST OF MATERIALS**

| ITEM | NAME    | MATERIAL                     |
|------|---------|------------------------------|
| 1    | BODY    | CAST IRON ASTM A-126 CLASS B |
| 2    | SCREEN  | T304 S/S                     |
| 3    | GASKET  | NON-ASBESTOS FIBER           |
| 4    | BUSHING | MALLEABLE IRON               |

**CONFORMS TO MILITARY SPECIFICATION  
WW-S-2739  
(SUPERSEDES MIL-S-16293)**

**OPERATING TEMPERATURE & PRESSURE -  
NON-SHOCK**

Steam .....250 psi at 400°F  
Water,Oil, Gas .....400 psi at 150°F

**STANDARD SCREENS:**

| Service | Sizes       | Screen Openings | Screen Material |
|---------|-------------|-----------------|-----------------|
| Steam   | 1/4" - 2"   | 20 MESH         | Stainless Steel |
|         | 2-1/2" - 3" | 3/64 PERF       |                 |
| Liquid  | 1/4" - 2"   | 20 MESH         | Stainless Steel |
|         | 2-1/2" - 3" | 1/16 PERF       |                 |

| Quantity | Sizes  |    | A      | B      | Size Of Blowoff | Ship Weight (Lbs.) | Notes |
|----------|--------|----|--------|--------|-----------------|--------------------|-------|
|          | Inches | MM |        |        |                 |                    |       |
|          | 1/4    | 7  | 3"     | 2-5/8" | 3/8             | 1-3/4              |       |
|          | 3/8    | 10 | 3"     | 2-5/8" | 3/8             | 1-3/4              |       |
|          | 1/2    | 15 | 3"     | 2-5/8" | 3/8             | 2                  |       |
|          | 3/4    | 20 | 4"     | 3-5/8" | 1/2             | 3                  |       |
|          | 1      | 25 | 5-1/8" | 4-1/2" | 3/4             | 4-1/2              |       |
|          | 1-1/4  | 32 | 5-1/8" | 4-3/4" | 3/4             | 5                  |       |
|          | 1-1/2  | 40 | 5-3/4" | 4-7/8" | 1               | 8                  |       |
|          | 2      | 50 | 7-1/4" | 5-3/4" | 1-1/4           | 15                 |       |
|          | 2-1/2  | 65 | 8-7/8" | 6-7/8" | 1-1/4           | 25                 |       |
|          | 3      | 80 | 10"    | 7-1/2" | 1-1/2           | 39                 |       |

ALL DIMENSIONS IN INCHES

CUSTOMER \_\_\_\_\_  
PROJECT \_\_\_\_\_  
ENGINEER \_\_\_\_\_  
ARCHITECT \_\_\_\_\_  
PRO. OR P.O. NO \_\_\_\_\_

*the Metraflex® company*  
CHICAGO ILLINOIS

DESCRIPTION:  
**250# SCREWED STRAINER**  
STYLE S

DRAWN BY: **JO**      DATE: **5/99**      DRAWING NO: **S-99**