

# ELIMINATOR SERIES STEAM SEPARATOR

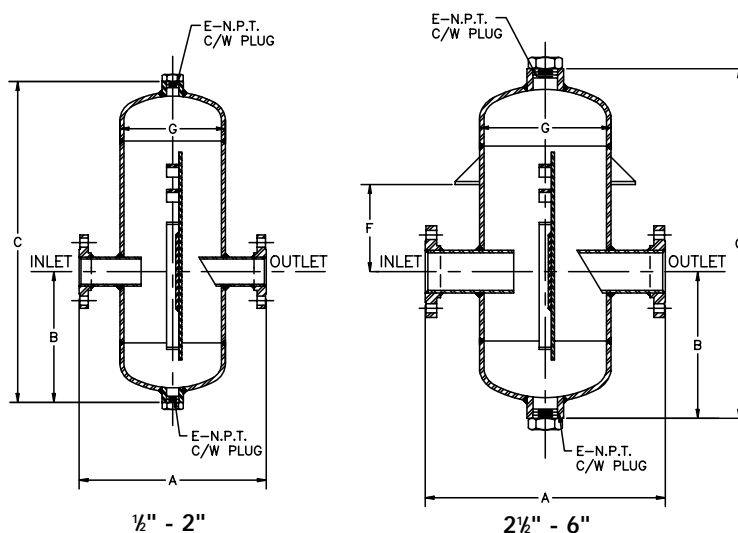
## SPECIFICATION

Steam Separator shall have an internal baffle that does not exceed an equivalent length of pipe. The Steam Separator shall be installed in a horizontal pipe configuration with the drain directly below the line. The Steam Separator shall have an NPT bottom drain on which a mechanical constant flow steam trap shall be installed.

## MATERIALS OF CONSTRUCTION

|                  |                              |                |
|------------------|------------------------------|----------------|
| Body             | .....(½" to 2") Carbon Steel | ASTM SA53      |
|                  | (2½" to 6") Carbon Steel     | ASTM SA53      |
| End Caps         | .....Carbon Steel            | ASTM A-234 WPB |
| Coupling         | .....Carbon Steel            | ASTM A-105     |
| Baffle           | .....Carbon Steel            | ASTM SA53      |
|                  | Stainless Steel              | Optional       |
| Plug             | .....Carbon Steel            | ASTM A105      |
| End Connections: |                              |                |
|                  | (½" to 2") Carbon Steel      | ASTM A105      |
|                  | (2½" to 6") Carbon Steel     | ASTM A105      |

SIZING INFO  
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**Connections:**  
½" - 2" SW & NPT or 2½" - 6" Flanged

- Call factory for sizing information. Please provide the following:
1. Steam or Compressed Air System
  2. Flow Rate (lb/Hr) \_\_\_\_
  3. Separator Connection Size \_\_\_\_
  4. System Pressure \_\_\_\_

## DIMENSIONS inches (mm) AND WEIGHTS pounds (kg)

| Pipe Size | Connection       | A            | B            | C            | E           | F            | G            | Weight        |
|-----------|------------------|--------------|--------------|--------------|-------------|--------------|--------------|---------------|
| 1/2       | NPT/SW           | 3½<br>(218)  | 5¼<br>(132)  | 10⅞<br>(269) | ¾<br>(20.3) | —            | 6<br>(152.4) | 9<br>(4.1)    |
| 3/4       | NPT/SW           | 8¾<br>(224)  | 5⅞<br>(150)  | 12⅞<br>(307) | ¾<br>(20.3) | —            | 6<br>(152.4) | 10<br>(4.5)   |
| 1         | NPT/SW           | 9¾<br>(236)  | 6<br>(152)   | 14⅞<br>(358) | ¾<br>(20.3) | —            | 6<br>(152.4) | 19<br>(8.6)   |
| 1-1/4     | NPT/SW           | 9¾<br>(238)  | 7⅞<br>(180)  | 16⅞<br>(416) | ¾<br>(20.3) | —            | 6<br>(152.4) | 30<br>(13.6)  |
| 1-1/2     | NPT/SW           | 11⅞<br>(287) | 7⅞<br>(193)  | 19<br>(483)  | 1<br>(25.4) | —            | 8<br>(203)   | 43<br>(19.5)  |
| 2         | NPT/SW           | 11⅞<br>(295) | 11⅞<br>(206) | 20⅞<br>(523) | 1<br>(25.4) | —            | 8<br>(203)   | 50<br>(22.7)  |
| 2-1/2     | Flanged ANSI 150 | 22½<br>(572) | 9⅞<br>(239)  | 24½<br>(622) | 1<br>(25.4) | 7⅞<br>(180)  | 10<br>(254)  | 109<br>(49.4) |
|           | Flanged ANSI 300 | 22½<br>(572) | 9⅞<br>(239)  | 24½<br>(622) | 1<br>(25.4) | 7⅞<br>(180)  | 10<br>(254)  | 112<br>(50.8) |
|           | Flanged ANSI 600 | 22½<br>(572) | 9⅞<br>(251)  | 25⅞<br>(650) | 1<br>(25.4) | 7⅞<br>(180)  | 10<br>(254)  | 113<br>(51.3) |
| 3         | Flanged ANSI 150 | 25⅞<br>(643) | 12<br>(305)  | 28⅞<br>(726) | 2<br>(50.8) | 8<br>(203)   | 10<br>(254)  | 163<br>(73.9) |
|           | Flanged ANSI 300 | 25⅞<br>(643) | 12<br>(305)  | 28⅞<br>(732) | 2<br>(50.8) | 8<br>(203)   | 10<br>(254)  | 169<br>(76.7) |
|           | Flanged ANSI 600 | 25⅞<br>(643) | 12⅞<br>(323) | 29⅞<br>(759) | 2<br>(50.8) | 8<br>(203)   | 10<br>(254)  | 189<br>(85.7) |
| 4         | Flanged ANSI 150 | 29<br>(737)  | 12⅞<br>(320) | 31¼<br>(792) | 2<br>(50.8) | 8<br>(203)   | 12<br>(305)  | 237<br>(108)  |
|           | Flanged ANSI 300 | 29<br>(737)  | 12⅞<br>(320) | 31¼<br>(792) | 2<br>(50.8) | 8<br>(203)   | 12<br>(305)  | 256<br>(116)  |
|           | Flanged ANSI 600 | 29<br>(737)  | 13¼<br>(335) | 31¼<br>(792) | 2<br>(50.8) | 8<br>(203)   | 12<br>(305)  | 297<br>(135)  |
| 6         | Flanged ANSI 150 | 35⅞<br>(909) | 12⅞<br>(312) | 36⅞<br>(932) | 2<br>(50.8) | 11⅞<br>(290) | 16<br>(406)  | 365<br>(166)  |
|           | Flanged ANSI 300 | 35⅞<br>(909) | 12⅞<br>(315) | 36⅞<br>(937) | 2<br>(50.8) | 11⅞<br>(290) | 16<br>(406)  | 401<br>(182)  |
|           | Flanged ANSI 600 | 35⅞<br>(909) | 13<br>(330)  | 37⅞<br>(960) | 2<br>(50.8) | 11⅞<br>(290) | 16<br>(406)  | 551<br>(250)  |