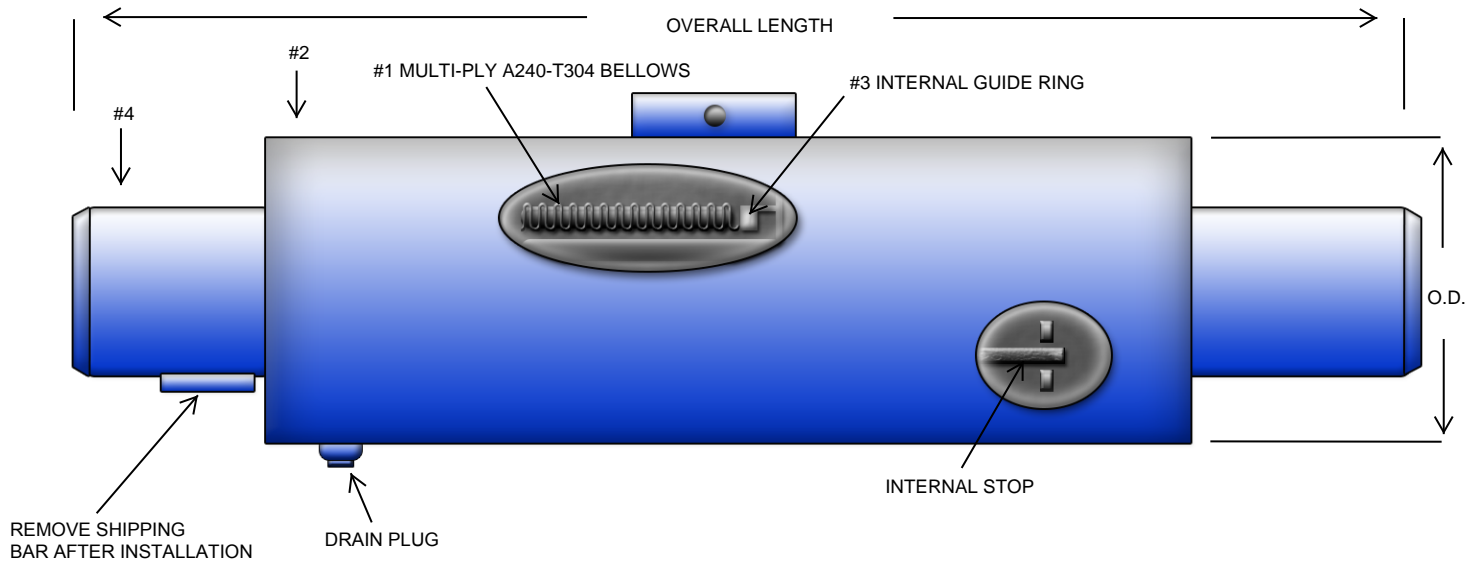


### TFEPW 4



**NOTE:**  
FOR CORRECT OPERATION ALL PIPING MUST  
BE PROPERLY ANCHORED AND GUIDED

| CONSTRUCTION |             |                |
|--------------|-------------|----------------|
| P/N#         | DESCRIPTION | MATERIALS      |
| 1            | BELLOWS     | 3-PLY-A240-304 |
| 2            | PIPE        | A-53/106 C.S.  |
| 3            | GUIDE RING  | A285-GR. C     |
| 4            | WELD END    | A-53/106 C.S.  |

| QTY | SIZE   | OVERALL LENGTH | MAX PSIG | AXIAL COMP | AXIAL EXT | OUTSIDE DIAMETER | EFFECTIVE AREA IN.SQ. | WEIGHT (LBS.) | SPRING RATE (LBS/IN) |
|-----|--------|----------------|----------|------------|-----------|------------------|-----------------------|---------------|----------------------|
|     | 2"     | 30"            | 300      | 4"         | 3/4"      | 6 5/8"           | 16                    | 65            | 557                  |
|     | 2 1/2" | 30"            | 300      | 4"         | 3/4"      | 6 5/8"           | 16                    | 72            | 557                  |
|     | 3"     | 30"            | 300      | 4"         | 3/4"      | 6 5/8"           | 16                    | 80            | 557                  |
|     | 4"     | 30"            | 300      | 4"         | 3/4"      | 8 5/8"           | 35                    | 134           | 848                  |
|     | 5"     | 30"            | 300      | 4"         | 3/4"      | 10 3/4"          | 35                    | 143           | 801                  |
|     | 6"     | 30"            | 300      | 4"         | 3/4"      | 10 3/4"          | 54                    | 154           | 901                  |
|     | 8"     | 32"            | 300      | 4"         | 3/4"      | 12 3/4"          | 88                    | 285           | 1126                 |
|     | 10"    | 32"            | 300      | 4"         | 3/4"      | 14"              | 118                   | 307           | 1781                 |
|     | 12"    | 32"            | 300      | 4"         | 3/4"      | 16"              | 163                   | 380           | 2034                 |

NOTE: PRESSURE THRUST= EFFECTIVE AREA X THE MAXIMUM WORKING PRESSURE.

DRAWN BY:

DRAWING NUMBER:

REV:

SIGNATURE:

DATE:

PO NUMBER:

PROJECT:

CUSTOMER:

NOTES: