

# 8A.6

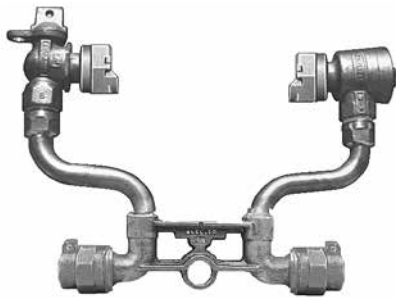


## COPPER METER YOKES

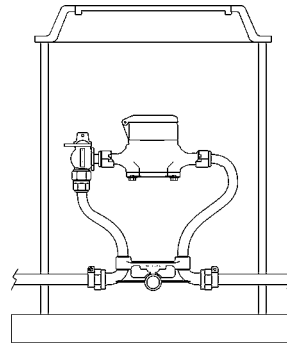
### WITH HORIZONTAL INLET AND OUTLET

Rev. 4-15 Shaded area indicates changes

8A - COPPER YOKES



**Mueller Pack Joint Connection ends (P-2542-2AN)**



**Typical installation of a horizontal inlet and outlet copper meter yoke**

**Copper meter yokes with horizontal inlet and outlet, and Mueller Pack Joint Connection ends for IPS PE**

| Catalog Number | P -1540N   | P-1541N         | P-1542N                                    | P-1543N   | P-2542N   | P-2543N   |
|----------------|------------|-----------------|--|---|---|---|
| Description    | Plain yoke | With test valve | With lock wing ground key angle meter stop | With lock wing ground key angle meter stop and test valve | With lock wing MUELLER 300™ Angle Meter Ball Valve* | With lock wing MUELLER 300 Angle Ball Valve* and test valve |



**M-98™ ASSE approved top entry vertical check valve**

**Check valve options**

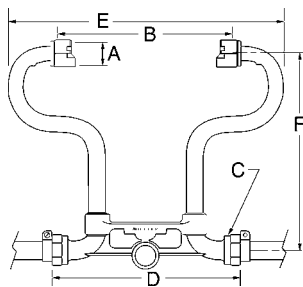
MUELLER Copper Meter Yokes can be ordered with one of the following: an ASSE approved top entry vertical check valve; an ASSE approved dual check valve; a dual check valve (ASSE non-approved). To order the ASSE approved top entry check feature, add a suffix of **-6A** to the yoke catalog number; add **-6D** for the same check with a test drain. For the dual check feature, add a suffix of **-2A** to the yoke catalog number for the ASSE approved model or **-2** suffix for the nonapproved model. Examples:

**P-1540-6DN** for the ASSE approved top entry vertical check with a test drain;

**P-1540-2AN** for the ASSE approved model angle dual check valve.



**Angle dual check valve**



**Dimensions**

| Meter Sizes                               | 5/8"  | 5/8" x 3/4"   | 3/4"  | 1"  |
|---|---|---|---|---|
| Nominal size of I.P. thread in meter nut  | 3/4"  | 1"  | 1"  | 1-1/4"  |
| A   | 1-1/16"   | 1-5/16"   | 1-5/16"   | 1-5/8"  |
| B   | 7-7/8"  | 7-7/8"  | 9-5/16"   | 11-1/16"  |
| C - nominal pipe size of inlet and outlet | 3/4"  | 3/4"  | 3/4"  | 1"  |
| D   | 7-15/16"  | 7-15/16"  | 9-3/8"  | 11-1/8"   |
| E   | 12-5/8"   | 12-5/8"   | 14-1/4"   | 17-1/4"   |
| F - minimum riser height                  | 7" (9**)  | 7" (9**)  | 8" (10**)                                       | 10" (12**)                                      |
| Other riser heights available             | 9", 12", 15", 18", 21", 24", 27", 30", 33", and 36" | 9", 12", 15", 18", 21", 24", 27", 30", 33", and 36" | 12", 15", 18", 21", 24", 27", 30", 33", and 36" | 12", 15", 18", 21", 24", 27", 30", 33", and 36" |

\* Add "R" to the end of the yoke catalog number to order a reduced port Angle Ball Valve; EXAMPLE: 5/8x3/4x7 P-2470R.  
 \*\* Minimum with 6A or 6D options.

Note: the 5/8", 5/8" x 3/4" and 3/4" sizes are furnished with a tie bar on heights greater than 15". The 1" size is furnished with a tie bar on heights greater than 18"

**SPECIFY METER SIZE, RISER HEIGHT AND CATALOG NUMBER.**

MUELLER Copper Meter Yokes are manufactured and tested in accordance with ANSI/AWWA C800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.