

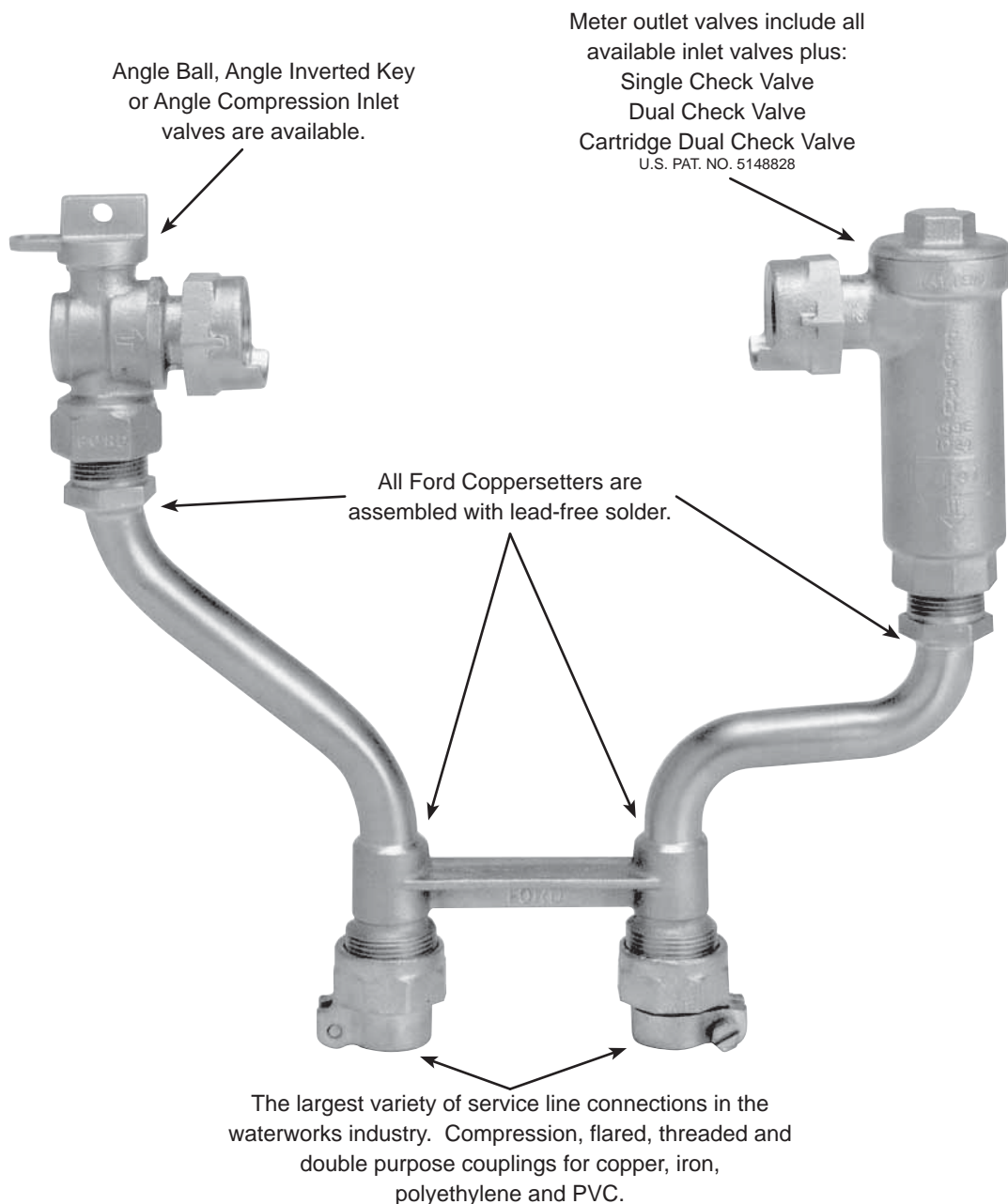
# The Ford 80 Series Coppersetter

For 5/8", 5/8"x3/4", 3/4" or 1" Meter Size  
Vertical inlet and outlet

The Ford 80 Series Coppersetter offers economy and flexibility by allowing the utility to construct meter pit risers from various service line materials, cut to any height. The 80 Series setters connect directly to these risers, without elbows or pressure reducing bends, by means of a wide variety of service line connections. All standard Coppersetter valve options, including Dual or Single Check Valves, are available on the 80 Series.

**To order:** Select one catalog number component from each of two charts on pages 16 and 17 to arrive at the complete Coppersetter catalog number. Selection order of components:

1. Meter size and valve type . . . . . page 16
2. Service line connections . . . . . page 17



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## Example of Catalog Number for an 80 Series Coppersetter

FIRST PART OF NUMBER  
(METER SIZE AND VALVE TYPE)

SECOND PART OF NUMBER  
(SERVICE LINE CONNECTION TYPE AND SIZE)

**VBHC82W-44-33**

Angle Ball Meter Valve  
on inlet

Cartridge Angle Dual Check  
on outlet

80 Series Coppersetter

For 5/8" x 3/4" Meter Only

(Angle Meter Ball and Key Valves are with Padlock Wing  
Compression valve without Padlock Wing)

3/4" Outlet Service Line Connection

3/4" Inlet Service Line Connection

Pack Joint for CTS  
Outlet Service Line Connection

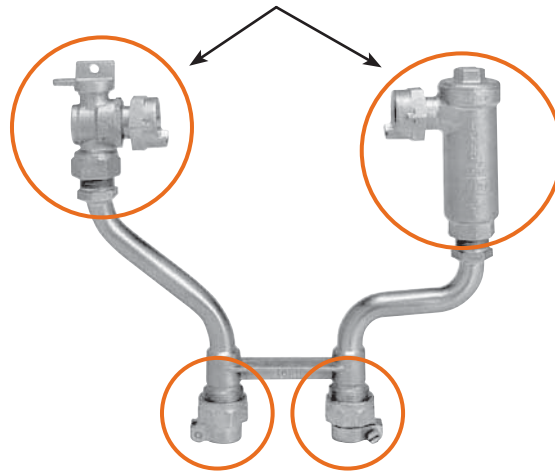
Pack Joint for CTS  
Inlet Service Line Connection

Approximate height for 5/8" & 5/8" x 3/4" meter is 7", for 3/4" meter 9", and for 1" meter 10"

The description for the above catalog number reads: 80 Series Coppersetter for 5/8" x 3/4" meter with an Angle Ball Meter Valve on the inlet, Cartridge Angle Dual Check on the outlet, with 3/4" Pack Joint for CTS inlet by 3/4" Pack Joint for CTS outlet service line connections.

## Catalog Numbering

METER SIZE & VALVE TYPE  
1ST PART OF CATALOG NUMBER



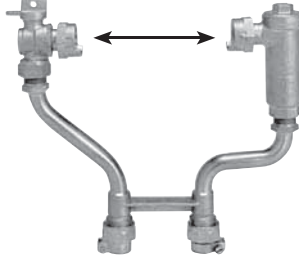
SERVICE LINE CONNECTIONS  
2ND PART OF CATALOG NUMBER

Height - 80 Series  
Coppersetters are made  
to the "standard" heights  
indicated above

# The Ford 80 Series Coppersetter

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Vertical inlet and outlet

## METER SIZE & VALVE TYPE - (FIRST PART OF CATALOG NUMBER)



CATALOG NUMBER (METER SIZE AND VALVE TYPE)				DESCRIPTION	
FOR 5/8"	FOR 5/8"x 3/4"	FOR 3/4"	FOR 1"	INLET VALVE	OUTLET VALVE
V81	V82	V83	V84	Key	none
VB81	VB82	VB83	VB84	Ball	none
VVG81*	VVG82*	VVG83*	VVG84*	Key	Compression
VV81	VV82	VV83	VV84	Key	Key
VH81	VH82	VH83	VH84	Key	Single check
VHH81	VHH82	VHH83	VHH84△	Key	Dual check
VHC81	VHC82	VHC83	VHC84	Key	Cartridge dual check
VBH81	VBH82	VBH83	VBH84	Ball	Single check
VBHH81	VBHH82	VBHH83	VBHH84△	Ball	Dual check
VBHC81	VBHC82	VBHC83	VBHC84	Ball	Cartridge dual check

\* Compression valve does not have padlock wing.

△ 1" Angle Cascading Dual Check Valves contain 3/4" internal components.

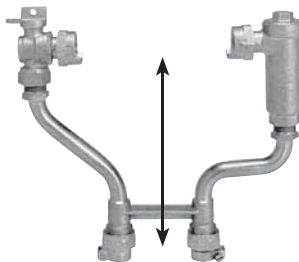
**Note:** Setters with angle ball valve will be reduced port unless otherwise requested. Reduced port valves usually provide suitable water flow. (Add "-FP" to end of catalog number for full port.)

## METER VALVE OPTIONS FOR 80 SERIES COPPERSETTERS

Seal Wire Hole in Inlet Valve  
Seal Wire Hole in Check Valve

## HEIGHT - 80 SERIES COPPERSETTERS ARE MADE TO "STANDARD" HEIGHTS

NOTE: Height dimensions are approximate.



81 Series Coppersetter  
for 5/8" Meter  
and  
82 Series Coppersetter  
for 5/8"x3/4" Meter  
  
HEIGHT IS 7"  
13/16" O.D. TUBING

83 Series Coppersetter  
for 3/4" Meter  
  
HEIGHT IS 9"  
15/16" O.D. Tubing

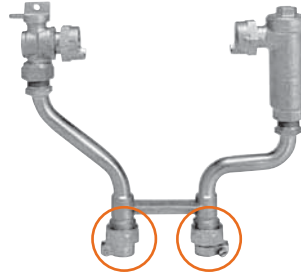
84 Series Coppersetter  
for 1" Meter  
  
HEIGHT IS 10"  
1-1/8" O.D. Tubing

Note: 80 Series Coppersetters with cartridge dual check valve have a 9" minimum height for 5/8" and 5/8" x 3/4" meters, 12" minimum height for 3/4" meters and 15" minimum height for 1" meters.

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For 5/8", 5/8"x3/4", 3/4" or 1" Meter Size  
Vertical inlet and outlet

## INLET & OUTLET SERVICE LINE CONNECTIONS - (SECOND PART OF CATALOG NUMBER)



CATALOG NUMBER	DESCRIPTION	
	INLET CONNECTION	OUTLET CONNECTION
11-33	3/4" Double Purpose Union Swivel	3/4" Double Purpose Union Swivel
11-44	1" Double Purpose Union Swivel	1" Double Purpose Union Swivel
*** 11-55	1-1/4" Female Iron Pipe Union Swivel	1-1/4" Female Iron Pipe Union Swivel
12-33	3/4" Double Purpose Union Swivel	3/4" Flare Copper
12-44	1" Double Purpose Union Swivel	1" Flare Copper
18-33	3/4" Double Purpose Union Swivel	3/4" Male Iron Pipe Union Swivel
18-44	1" Double Purpose Union Swivel	1" Male Iron Pipe Union Swivel
21-33	3/4" Flare Copper	3/4" Double Purpose Union Swivel
*** 21-44	1" Flare Copper	1" Double Purpose Union Swivel
‡ 22-33	3/4" Flare Copper	3/4" Flare Copper
22-44	1" Flare Copper	1" Flare Copper
*** 22-55	1-1/4" Flare Copper	1-1/4" Flare Copper
*** 28-44	1" Flare Copper	1" Male Iron Pipe Union Swivel
‡ 44-33	3/4" P.J. for Copper or Plastic Tubing (CTS)*	3/4" P.J. for Copper or Plastic Tubing (CTS)*
** 44-33-Q	3/4" Q.J. for Copper or Plastic Tubing (CTS)	3/4" Q.J. for Copper or Plastic Tubing (CTS)
◆*** 44-44	1" P.J. for Copper or Plastic Tubing (CTS)*	1" P.J. for Copper or Plastic Tubing (CTS)*
*** 44-55	1-1/4" P.J. for Copper or Plastic Tubing (CTS)*	1-1/4" P.J. for Copper or Plastic Tubing (CTS)*
** 46-33	3/4" P.J. for Copper or Plastic Tubing (CTS)*	3/4" P.J. for PE Pipe*
** 64-33	3/4" P.J. for PE Pipe*	3/4" P.J. for Copper or Plastic Tubing (CTS)*
66-33	3/4" P.J. for PE Pipe*	3/4" P.J. for PE Pipe*
*** 66-44	1" P.J. or PE Pipe*	1" P.J. for PE Pipe*
** 77-33	3/4" P.J. for PVC Pipe	3/4" P.J. for PVC Pipe
81-33	3/4" Male Iron Pipe Union Swivel	3/4" Double Purpose Union Swivel
81-44	1" Male Iron Pipe Union Swivel	1" Double Purpose Union Swivel
88-33	3/4" Male Iron Pipe Union Swivel	3/4" Male Iron Pipe Union Swivel
** 88-44	1" Male Iron Pipe Union Swivel	1" Male Iron Pipe Union Swivel
‡*** FF-33	3/4" Female Iron Pipe	3/4" Female Iron Pipe

\* Grip Joint for CTS (all sizes) and P.E. pipe (3/4" & 1") is available. Add "-G" to the catalog number. Example: V82W-41-33-G

\*\* Not Available on V83 Series Coppersetters (with 15/16" O.D. copper tubing). These service line connections are available on V82 Series Coppersetters (13/16" O.D. copper) with 3/4" meter spacing.

\*\*\* These connections available on 1", V84 Series Coppersetters only.

‡ 81 and 82 Series Coppersetters with the indicated service line connections have a vertical brace eye.

◆ Quick Joint is available. Add "-Q" to the end of this catalog number.

### ADDITIONAL OPTIONS FOR 80 SERIES COPPERSETTERS

Support Assembly Clamp (5/8", 5/8"x3/4" and 3/4" sizes only) Catalog Number: SAC-3