

The Ford Resetter

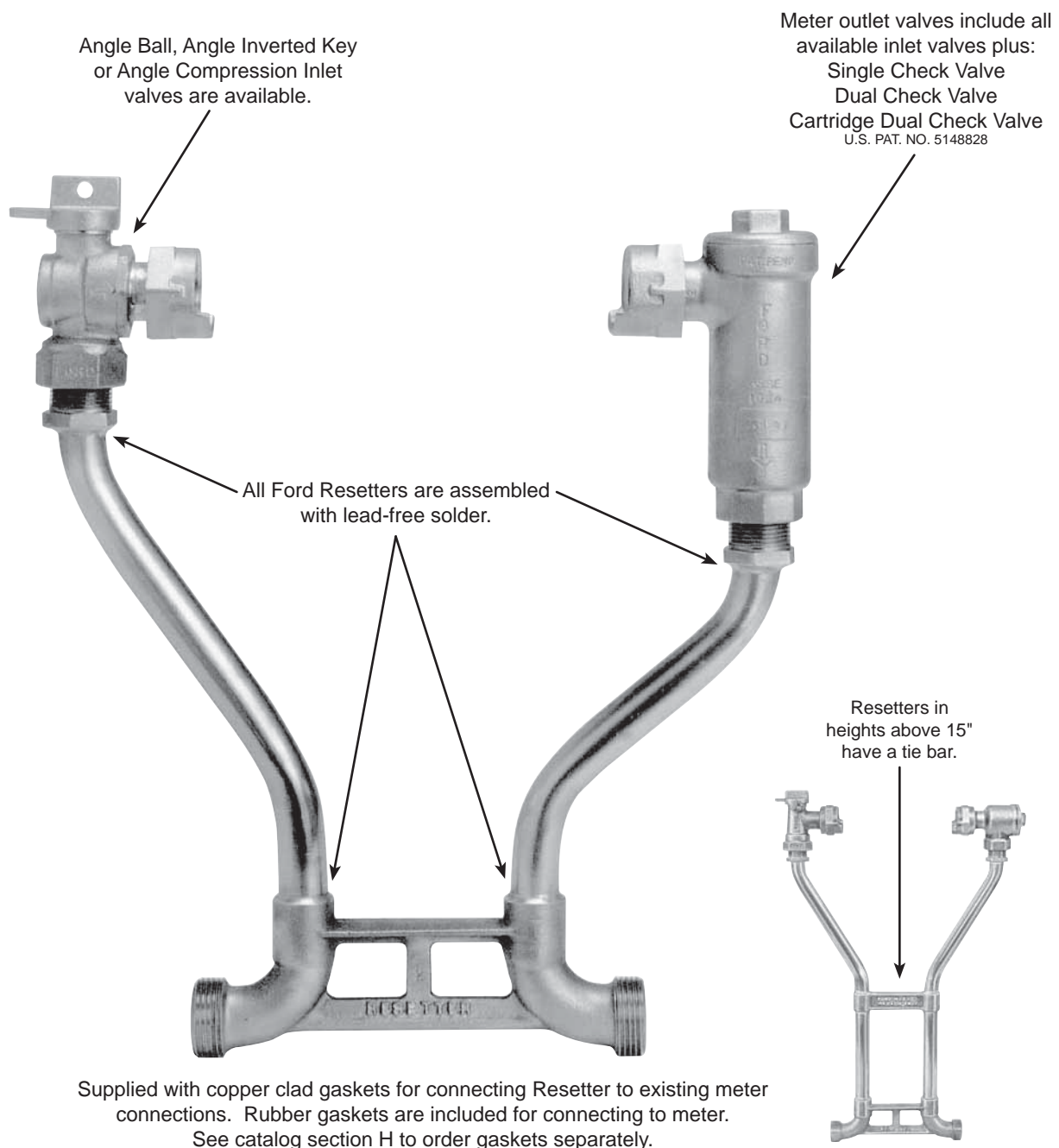
Correcting low settings with the Ford Resetter is quick and easy. The meter is removed, the Resetter bar connected in the position formerly occupied by the meter, and the meter reset in the raised position. No new pipe joints are necessary. The reset meter is cleaner, easier to read, and much simpler to change.

When the old service valve is in poor condition or poor location, the Resetter with one or two valves provides convenient control, putting the valve or valves at the most accessible location. An outlet valve prevents draining customer service when the meter is removed. Resetters, either plain or valve type, are inexpensive when compared to any other means of obtaining these results.

The brass bar of the Resetter is the same length and has the same threads as the meter to reset. Copper clad gaskets are furnished for connecting the bar between the old meter couplings. In heights above 15", all Resettlers have the tie bars as shown below.

To order: Select one catalog number component from each of two charts on page 47 to arrive at the complete Resetter catalog number. Selection order of components:

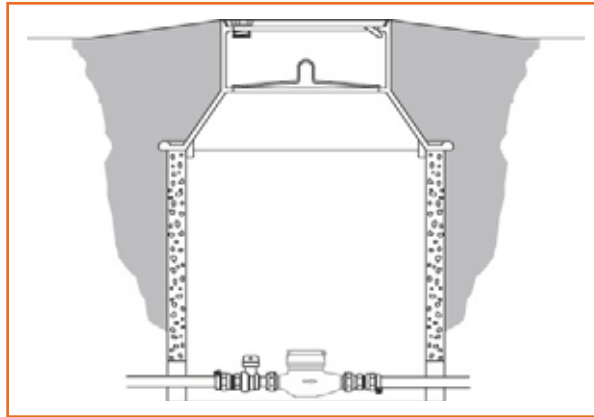
1. Meter size and valve type
2. Resetter height



The Ford 40 Series Resetter

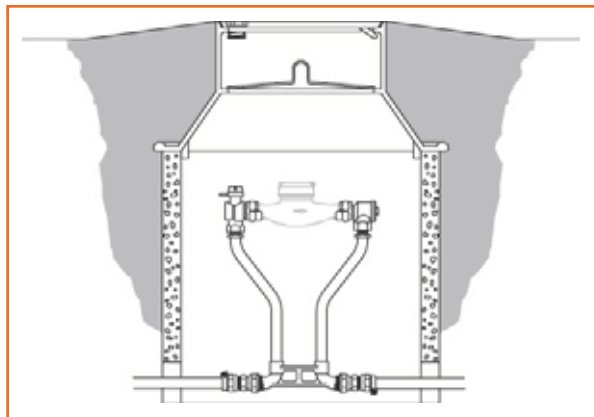
Before

This drawing is typical of the position (but not the condition) of meters set too low. Such meters are frequently covered by mud or water, are difficult to read quickly and accurately and, being troublesome to change, tend to be left in place when needing repair.



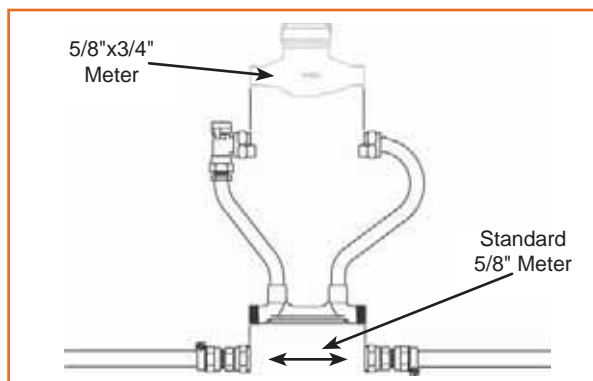
After

The benefit of the Resetter is shown below. The meter stays cleaner, is easier to read and much easier to change. The valve, included on the Resetter in this case, is easily accessible. The economic return of resetting meters can be surprisingly substantial.



Change-over Resetters

Many water utilities are changing domestic meter sizes from 5/8" to 5/8"x3/4". For raising a too-low meter and converting to the larger meter, the Resetter has a 5/8" bottom bar and 5/8"x3/4" coupling nuts. To order a Changeover Resetter place a "B" at the end of the catalog number. Example: V42-7W-B1 is a Change-over Resetter to replace a 5/8" meter with a 5/8"x3/4" meter. Special Resetters are also available for reducing from 3/4" to 5/8"x3/4" or from 1" to 3/4". Solutions to many meter resetting problems are considered upon request.



The Ford 40 Series Resetter

Example of Catalog Number for a Resetter

FIRST PART OF NUMBER
(METER SIZE AND VALVE TYPE)

SECOND PART OF NUMBER
(RESETTER HEIGHT)

VBHC41-12W

Angle Ball Meter Valve
on inlet

Angle Cartridge Dual Check
on outlet

Resetter

For 5/8" Meter

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

12" Riser Height from center line
of initial meter setting to
center line of reset meter spud

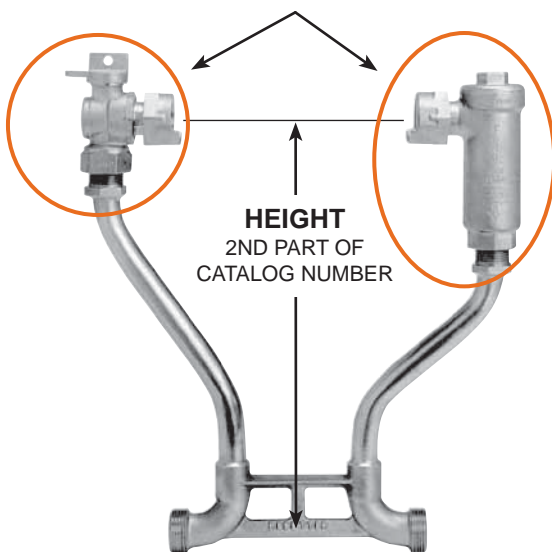
The description for the above catalog number reads: Resetter for 5/8" meter with an Angle Ball Meter Valve on the inlet, and an Angle Cartridge Dual Check on the outlet, 12 inches high.

NOTES:

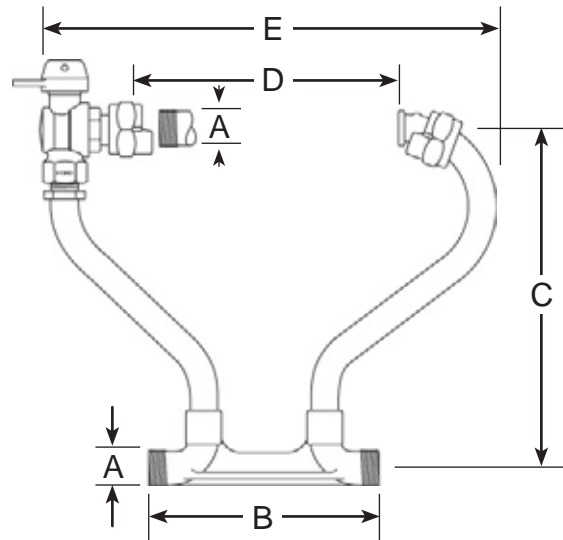
1. All valve type setters are standard with padlock wings.
2. All solder joints for Ford meter setters are made with lead-free solder.
3. All 40 series resetters are supplied with rubber meter gaskets and copper clad resetter gaskets.
4. Gaskets for Ford meter setters are listed on page 5.

Catalog Numbering

METER SIZE & VALVE TYPE
1ST PART OF CATALOG NUMBER



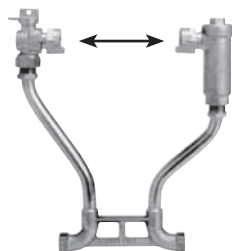
Dimensions



DIMENSION	METER SIZE			
	5/8"	5/8"x3/4"	3/4"	1"
A	1-1/16"	1-5/16"	1-5/16"	1-5/8"
B	7-1/2"	7-1/2"	9"	10-3/4"
C	Heights are as ordered			
D	7-1/2"+3/8"	7-1/2"+3/8"	9"+3/8"	10-3/4"+3/8"
E	12"	12"	14-1/4"	17-1/4"

The Ford 40 Series Resetter

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
41	42	43	44	none	none
V41	V42	V43	V44	Key	none
VB41	VB42	VB43	VB44	Ball	none
VV41	VV42	VV43	VV44	Key	Key
VVG41*	VVG42*	VVG43*	VVG44*	Key	Compression
VH41	VH42	VH43	VH44	Key	Single check
VHH41	VHH42	VHH43	VHH44△	Key	Dual check
VHC41**	VHC42**	VHC43**	VHC44**	Key	Cartridge dual check
VBH41	VBH42	VBH43	VBH44	Ball	Single check
VBHH41	VBHH42	VBHH43	VBHH44△	Ball	Dual check
VBHC41**	VBHC42**	VBHC43**	VBHC44**	Ball	Cartridge dual check

* Compression valve does not have padlock wing.

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

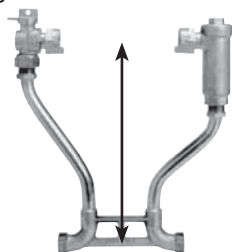
Note: Setters with angle ball valve will be reduced port unless otherwise requested. Reduced port valves usually provide suitable water flow. (Add "-FP" to end of catalog number for full port.)

METER VALVE OPTIONS FOR RESETTERS

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

HEIGHT - (SECOND PART OF CATALOG NUMBER)

NOTE: Height dimensions are approximate.



For 5/8" and 5/8"x3/4" Meter

CATALOG NUMBER	HEIGHT IN INCHES
7W	7
9W	9
12W	12
15W	15
18W	18
21W	21
24W	24

For 3/4" Meter

CATALOG NUMBER	HEIGHT IN INCHES
8W	8
12W	12
15W	15
18W	18
21W	21
24W	24

For 1" Meter

CATALOG NUMBER	HEIGHT IN INCHES
10W	10
12W	12
15W	15
18W	18
21W	21
24W	24

Note: ** Resetter with Dual Cartridge Check Valve has a 9" minimum height for 5/8" & 5/8" x 3/4" meter, 12" minimum height for 3/4" meter Resetters and 15" minimum height for 1" meter.

HEIGHT OPTION FOR RESETTERS

Coppersettors are available in heights over 24" in 3" increments; 27", 30", 33" etc. To order put desired height in catalog number.

EXAMPLE: V42-30W is a 30" high Resetter.

Ford 30 Series Flexible Resetter

Under some conditions the resetting and raising of a too-low meter can be accomplished most easily if the Resetter provides for flexibility in the spacing of the threaded ends which connect to the existing meter couplings. The Flexible Resetter is designed for easy installation in such settings and still maintains proper spacing and alignment for the meter in the raised position. Flexible Resetters are available with a variety of valve options.

To order: Select one Catalog Number component from each of two charts on page 49 to arrive at the complete Resetter Catalog Number. Selection order of components:

1. Meter size and valve type
2. Resetter height

Example of Catalog Number for a 30 Series Flexible Resetter

**FIRST PART OF NUMBER
(METER SIZE AND VALVE TYPE)**

VBHH31-12W

Angle Ball Meter Valve on inlet

Angle Dual Check Valve on outlet

30 Series Flexible Resetter

For 5/8" Meter

**SECOND PART OF NUMBER
(RESETTER HEIGHT)**

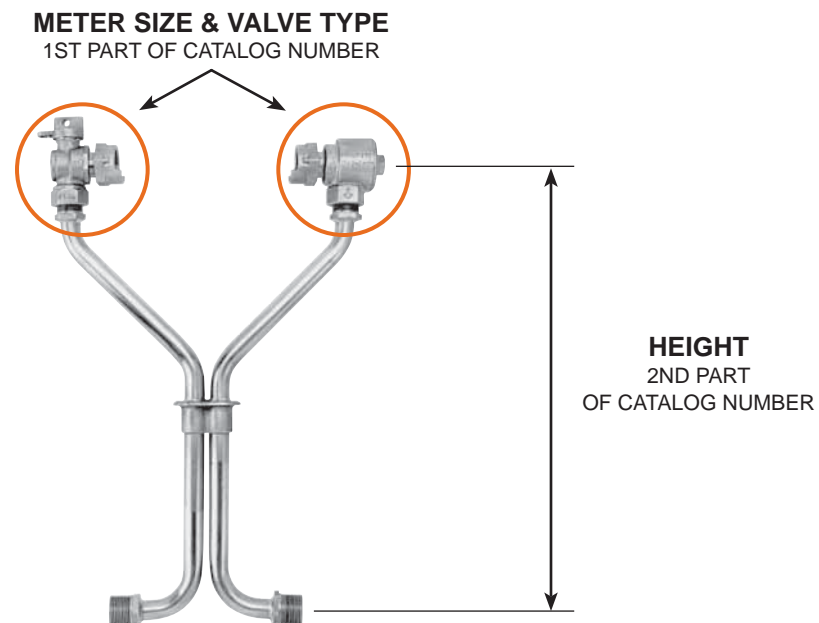
(Angle Meter Ball and Key Valves are with Padlock Wing - Compression valve without Padlock Wing)

12" Riser Height from Center Line of Service Line to Center Line of Meter Spud

The description for the above catalog number reads: 30 Series Flexible Resetter for 5/8" meter with an Angle Ball Meter Valve on the inlet, and an Angle Dual Check Valve on the outlet, 12 inches high.

NOTES:

1. All valve type setters are standard with padlock wings.
2. All solder joints for Ford meter setters are made with lead-free solder.
3. All 30 Series Flexible Resetters are supplied with rubber meter gaskets and copper clad resetter gaskets.
4. Gaskets for Ford meter setters are listed on page 5.



The Ford 30 Series Flexible Resetter

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
31	32	33	34	none	none
V31	V32	V33	V34	Key	none
VB31	VB32	VB33	VB34	Ball	none
VVG31*	VVG32*	VVG33*	VVG34*	Key	Compression
VV31	VV32	VV33	VV34	Key	Key
VH31	VH32	VH33	VH34	Key	Single check
VHH31	VHH32	VHH33	VHH34 Δ	Key	Dual check
VHC31**	VHC32**	VHC33**	VHC34**	Key	Cartridge dual check
VBH31	VBH32	VBH33	VBH34	Ball	Single check
VBHH31	VBHH32	VBHH33	VBHH34 Δ	Ball	Dual check
VBHC31**	VBHC32**	VBHC33**	VBHC34**	Ball	Cartridge dual check

* Compression valve does not have padlock wing.

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

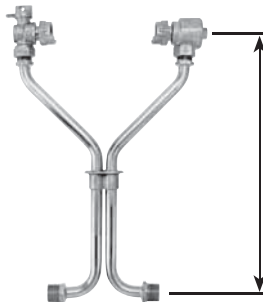
Note: Setters with angle ball valve will be reduced port unless otherwise requested. Reduced port valves usually provide suitable water flow. (Add "-FP" to end of catalog number for full port.)

METER VALVE OPTIONS FOR 30 SERIES FLEXIBLE RESETTERS

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

HEIGHT - (SECOND PART OF CATALOG NUMBER)

NOTE: Height dimensions are approximate.



For 5/8", 5/8"x3/4" and 3/4" Meter

CATALOG NUMBER	HEIGHT IN INCHES
12W	12
15W	15
18W	18
21W	21
24W	24

For 1" Meter

CATALOG NUMBER	HEIGHT IN INCHES
15W	15
18W	18
21W	21
24W	24

Note: **30 Series Flexible Resetters with Cartridge Dual Check Valve have a 15" minimum height for 5/8", 5/8" x 3/4" and 3/4" meters and 18" minimum height for 1" meters.

HEIGHT OPTION FOR 30 SERIES COPPERSETTERS

Coppersettors are available in heights over 24" in 3" increments; 27", 30", 33" etc.

To order put desired height in catalog number.

EXAMPLE: V32-33W is a 33" high setter.

The Ford Types A, B and C Tandem Resetters

Tandem Resetters can be used to install in series:

1. Two meters for comparing registration;
2. A meter and a recording meter;
3. A meter and a pressure or recording gauge;
4. A meter and a pressure regulator.

Each of the three types of Tandem Resetters has a bottom bar equal in length and thread size to a given size of water meter. This permits easy connection with existing meter couplings or meter holding devices.

When a meter is to be installed in series with some device other than a second meter, it may be necessary to use extensions or adapters on the device to achieve the correct length and thread size to fit the Tandem Resetter. If necessary, special Tandem Resetters can be produced to special dimensions.

Type A Tandem Resetter

(Double End Connection is Included)



CATALOG NUMBER	METER SIZE
Resetter-1A	5/8"
Resetter-2A	5/8"x3/4"
Resetter-3A	3/4"
Resetter-4A	1"

The Type A Tandem Resetter places meters (or meter and second device) in a straight line. Special spacing of end connections can be manufactured upon request. The double end connection used between the meters is included with the Resetter.

Double End Connection Only

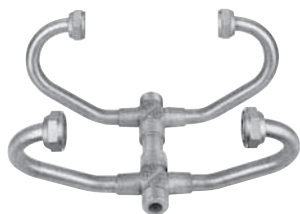
(for connecting meters)



CATALOG NUMBER	METER SIZE
DEC-1	5/8"
DEC-2	5/8"x3/4" & 3/4"
DEC-4	1"

Type B Tandem Resetter

The Type B Tandem Resetter places meters (or meter and second device) in a parallel position. It is satisfactory for shallow pit installations or for basement installations.



CATALOG NUMBER	METER SIZE
Resetter-1B	5/8"
Resetter-2B	5/8"x3/4"
Resetter-3B	3/4"

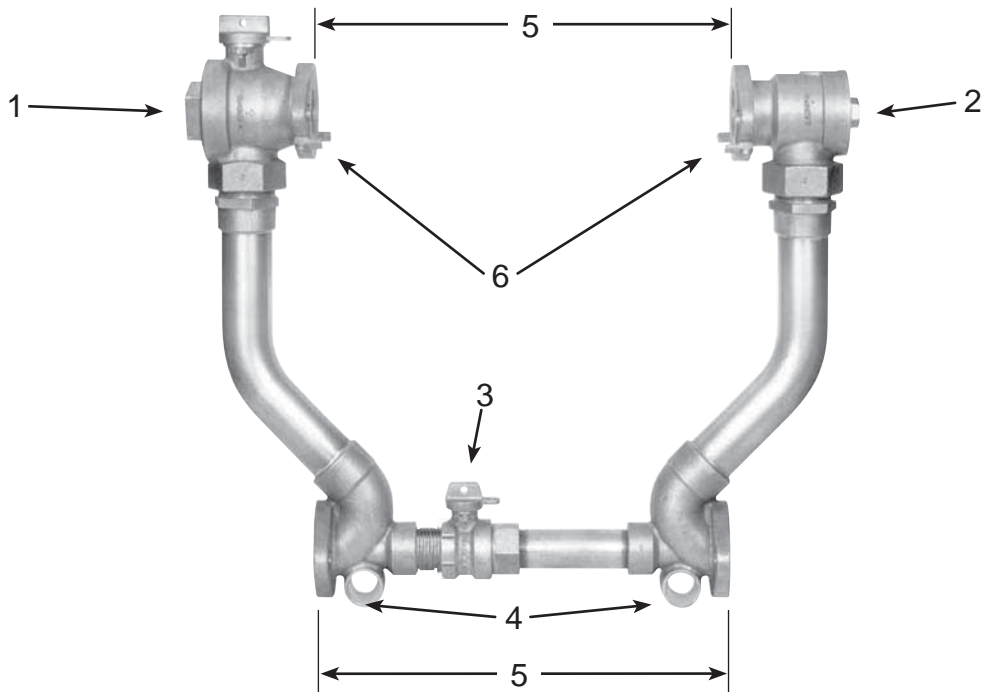
For Type C Use T42-18



The Type C Tandem Resetter raises meters (or meter and second device) above the old position. **HOW TO ORDER:** Select the size of 40 Series Resetter desired. Add the letter "T" before the catalog number selected. Example: T42-18 = Tandem Resetter for 5/8"x3/4" meter, 18" high. Tandem Resetters include "S" tube and male iron pipe adapters for holding a pressure regulator. When ordering a 5/8", 5/8"x3/4" or 3/4" Resetter, adapters and "S" tube will be sized to hold a 3/4" regulator with an overall length between 4" and 5". When ordering a 1" Resetter, adapters and "S" tube will be sized to hold a 1" regulator with an overall length between 5" and 6". Unless specified otherwise, Tandem Resetters are designed to hold a water meter in series with a pressure regulator. **An "S" tube and male iron meter thread adapters for the regulator are included.** (Also see information on Tandem Coppersets on page 26.)

Reseters for 1-1/2" & 2" Flanged Meters

Information for Ford All Brass and Copper Reseters



Specifications:

Ford Reseters are constructed from 85-5-5-5 Brass (AWWA specification C-800) and copper tubing.

All 1-1/2" and 2" Ford Reseters are individually factory tested for water-tightness before shipment.

Individualized resetting requirements can be satisfied using special Ford Reseters. We welcome the opportunity to solve your 1-1/2" and 2" resetting problems.

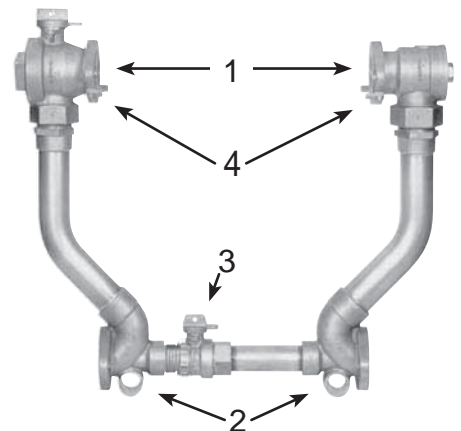
1. Inlet valve options are a Flanged Angle Inverted Key or Flanged Angle Ball Valve.
2. All inlet valve options available on outlet* - Flanged Angle Check Valve or Flanged Angle Dual Check Valve may be ordered.
3. Optional by-pass includes a Ford Ball Valve with padlock wings.
4. Brace pipe eyelets are standard - brace pipe not included.
5. Different bottom and top flange spacing may be specified.
6. All 1-1/2" and 2" Flange Valves on Copperseters have Meter Support Brackets.

* **NOTE:** 1-1/2" and 2" outlet Ball Valves may be used as customer shut-offs (on the customer side of the meter) up to 150 psi.

The Flange Inverted Key Angle Valves should not be used as customer shut-off on the customer side of the meter.

Installation Instructions

1. **COMPARE LAYING LENGTH OF METER WITH SETTER DIMENSION BETWEEN INLET AND OUTLET (#1).**
2. Cut two pieces of 1" pipe 18" long and install through the brace eye supports (#2).
3. Be sure that the Reseter is installed in the correct position in relation to the water flow and make sure the bypass valve (#3) is in the **OFF** position.
4. Special Ford drop-in gaskets are included with each setter for use when installing the water meter. Meter support brackets (#4) may need to be loosened or removed to accommodate variations in the shape of water meter flanges.



Resetters for 1-1/2" & 2" Flanged Meters

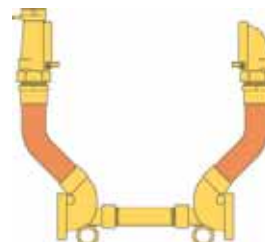
Without By-Pass

STANDARD METER SPACING FOR 1-1/2" AND 2" RESETTERS WILL BE 13" AND 17" RESPECTIVELY UNLESS OTHERWISE SPECIFIED.

RESETTER WITHOUT BY-PASS

FLANGED VALVE ON INLET AND FLANGED METER ELL ON OUTLET

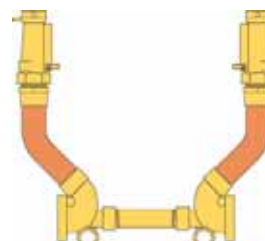
HEIGHT	FOR 1-1/2" METER CATALOG NUMBER	APPROX. WT. LBS.	HEIGHT	FOR 2" METER CATALOG NUMBER	APPROX. WT. LBS.
13"	V46-13	29	12"	V47-12	36
15"	V46-15	30	14"	V47-14	37
18"	V46-18	31	18"	V47-18	38
24"	V46-24	33	24"	V47-24	41
27"	V46-27	34	27"	V47-27	42



RESETTER WITHOUT BY-PASS

FLANGED VALVE ON INLET AND OUTLET

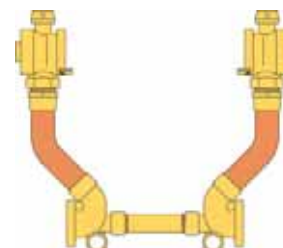
HEIGHT	FOR 1-1/2" METER CATALOG NUMBER	APPROX. WT. LBS.	HEIGHT	FOR 2" METER CATALOG NUMBER	APPROX. WT. LBS.
13"	VV46-13	31	12"	VV47-12	38
15"	VV46-15	32	14"	VV47-14	40
18"	VV46-18	33	18"	VV47-18	41
24"	VV46-24	35	24"	VV47-24	44
27"	VV46-27	36	27"	VV47-27	45



RESETTER WITHOUT BY-PASS

FLANGED BALL VALVE ON INLET AND OUTLET

HEIGHT	FOR 1-1/2" METER CATALOG NUMBER	APPROX. WT. LBS.	HEIGHT	FOR 2" METER CATALOG NUMBER	APPROX. WT. LBS.
14"	VBB46-14	33	14"	VBB47-14	47
16"	VBB46-16	34	16"	VBB47-16	48
18"	VBB46-18	35	18"	VBB47-18	49
24"	VBB46-24	39	24"	VBB47-24	52
27"	VBB46-27	40	27"	VBB47-27	53



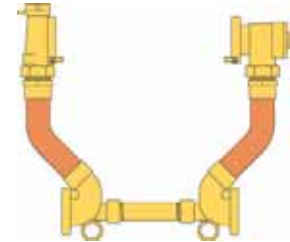
Resetters for 1-1/2" & 2" Flanged Meters

Without By-Pass

STANDARD METER SPACING FOR 1-1/2" AND 2" RESETTERS WILL BE 13" AND 17" RESPECTIVELY UNLESS OTHERWISE SPECIFIED.

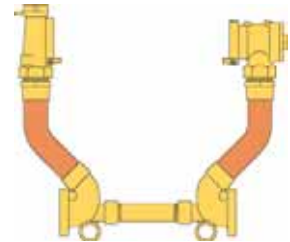
RESETTER WITHOUT BY-PASS FLANGED VALVE ON INLET AND ANGLE CHECK VALVE ON OUTLET

HEIGHT	FOR 1-1/2" METER CATALOG NUMBER	APPROX. WT. LBS.	HEIGHT	FOR 2" METER CATALOG NUMBER	APPROX. WT. LBS.
13"	VH46-13	31	13"	VH47-13	39
15"	VH46-15	32	16"	VH47-16	41
18"	VH46-18	33	18"	VH47-18	42
24"	VH46-24	34	24"	VH47-24	45
27"	VH46-27	35	27"	VH47-27	46



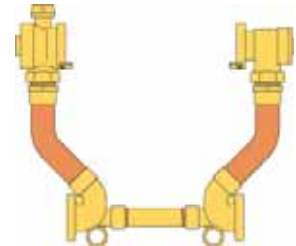
RESETTER WITHOUT BY-PASS FLANGED VALVE ON INLET AND ASSE APPROVED ANGLE DUAL CHECK VALVE ON OUTLET

HEIGHT	FOR 1-1/2" METER CATALOG NUMBER	APPROX. WT. LBS.	HEIGHT	FOR 2" METER CATALOG NUMBER	APPROX. WT. LBS.
13"	VHH46-13	31	13"	VHH47-13	39
15"	VHH46-15	32	16"	VHH47-16	41
18"	VHH46-18	33	18"	VHH47-18	42
24"	VHH46-24	34	24"	VHH47-24	45
27"	VHH46-27	35	27"	VHH47-27	46



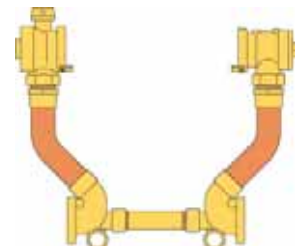
RESETTER WITHOUT BY-PASS FLANGED BALL VALVE ON INLET AND ANGLE CHECK VALVE OUTLET

HEIGHT	FOR 1-1/2" METER CATALOG NUMBER	APPROX. WT. LBS.	HEIGHT	FOR 2" METER CATALOG NUMBER	APPROX. WT. LBS.
14"	VBH46-14	34	14"	VBH47-14	44
16"	VBH46-16	35	16"	VBH47-16	45
18"	VBH46-18	36	18"	VBH47-18	46
24"	VBH46-24	37	24"	VBH47-24	48
27"	VBH46-27	38	27"	VBH47-27	49



RESETTER WITHOUT BY-PASS FLANGED BALL VALVE ON INLET AND ASSE APPROVED ANGLE DUAL CHECK VALVE OUTLET

HEIGHT	FOR 1-1/2" METER CATALOG NUMBER	APPROX. WT. LBS.	HEIGHT	FOR 2" METER CATALOG NUMBER	APPROX. WT. LBS.
14"	VBHH46-14	34	14"	VBHH47-14	44
16"	VBHH46-16	35	16"	VBHH47-16	45
18"	VBHH46-18	36	18"	VBHH47-18	46
24"	VBHH46-24	37	24"	VBHH47-24	48
27"	VBHH46-27	38	27"	VBHH47-27	49



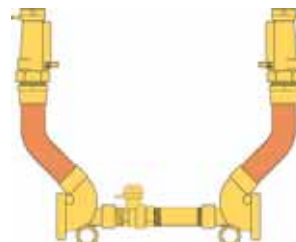
Reseters for 1-1/2" & 2" Flanged Meters

With By-Pass

STANDARD METER SPACING FOR 1-1/2" AND 2" RESETTERS WILL BE 13" AND 17" RESPECTIVELY UNLESS OTHERWISE SPECIFIED.

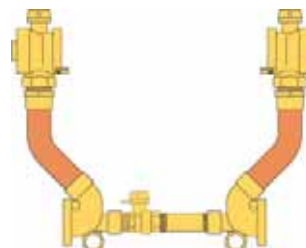
RESETTER WITH BY-PASS FLANGED VALVE ON INLET AND OUTLET

HEIGHT	FOR 1-1/2" METER CATALOG NUMBER	APPROX. WT. LBS.	HEIGHT	FOR 2" METER CATALOG NUMBER	APPROX. WT. LBS.
13"	VV46-13B	34	12"	VV47-12B	40
15"	VV46-15B	34	14"	VV47-14B	42
18"	VV46-18B	35	18"	VV47-18B	43
24"	VV46-24B	37	24"	VV47-24B	46
27"	VV46-27B	38	27"	VV47-27B	47



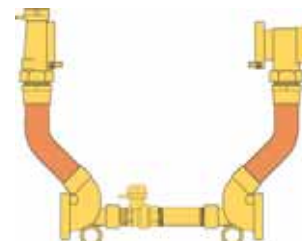
RESETTER WITH BY-PASS FLANGED BALL VALVE ON INLET AND OUTLET

HEIGHT	FOR 1-1/2" METER CATALOG NUMBER	APPROX. WT. LBS.	HEIGHT	FOR 2" METER CATALOG NUMBER	APPROX. WT. LBS.
14"	VBB46-14B	35	14"	VBB47-14B	49
16"	VBB46-16B	36	16"	VBB47-16B	51
18"	VBB46-18B	38	18"	VBB47-18B	52
24"	VBB46-24B	39	24"	VBB47-24B	55
27"	VBB46-27B	40	27"	VBB47-27B	56



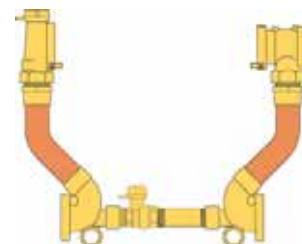
RESETTER WITH BY-PASS FLANGED VALVE ON INLET AND ANGLE CHECK VALVE ON OUTLET

HEIGHT	FOR 1-1/2" METER CATALOG NUMBER	APPROX. WT. LBS.	HEIGHT	FOR 2" METER CATALOG NUMBER	APPROX. WT. LBS.
13"	VH46-13B	34	13"	VH47-13B	42
15"	VH46-15B	34	16"	VH47-16B	43
18"	VH46-18B	35	18"	VH47-18B	44
24"	VH46-24B	37	24"	VH47-24B	46
27"	VH46-27B	38	27"	VH47-27B	48



RESETTER WITH BY-PASS FLANGED VALVE ON INLET AND ASSE APPROVED ANGLE DUAL CHECK VALVE ON OUTLET

HEIGHT	FOR 1-1/2" METER CATALOG NUMBER	APPROX. WT. LBS.	HEIGHT	FOR 2" METER CATALOG NUMBER	APPROX. WT. LBS.
13"	VHH46-13B	34	13"	VHH47-13B	42
15"	VHH46-15B	34	16"	VHH47-16B	43
18"	VHH46-18B	35	18"	VHH47-18B	44
24"	VHH46-24B	37	24"	VHH47-24B	46
27"	VHH46-27B	38	27"	VHH47-27B	48



For By-Pass with 1" Cartridge Style Dual Check Valve, insert "HC" after the "B."
Example: VHH46-13BHC.

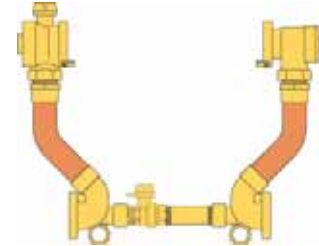
Reseters for 1-1/2" & 2" Flanged Meters

With By-Pass

STANDARD METER SPACING FOR 1-1/2" AND 2" RESETTERS WILL BE 13" AND 17" RESPECTIVELY UNLESS OTHERWISE SPECIFIED.

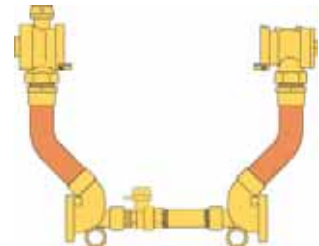
RESETTER WITH BY-PASS FLANGED BALL VALVE ON INLET AND ANGLE CHECK VALVE OUTLET

HEIGHT	FOR 1-1/2" METER CATALOG NUMBER	APPROX. WT. LBS.	HEIGHT	FOR 2" METER CATALOG NUMBER	APPROX. WT. LBS.
14"	VBH46-14B	34	14"	VBH47-14B	46
16"	VBH46-16B	35	16"	VBH47-16B	47
18"	VBH46-18B	37	18"	VBH47-18B	48
24"	VBH46-24B	39	24"	VBH47-24B	51
27"	VBH46-27B	40	27"	VBH47-27B	52



RESETTER WITH BY-PASS FLANGED BALL VALVE ON INLET AND ASSE APPROVED ANGLE DUAL CHECK VALVE OUTLET

HEIGHT	FOR 1-1/2" METER CATALOG NUMBER	APPROX. WT. LBS.	HEIGHT	FOR 2" METER CATALOG NUMBER	APPROX. WT. LBS.
14"	VBHH46-14B	34	14"	VBHH47-14B	46
16"	VBHH46-16B	35	16"	VBHH47-16B	47
18"	VBHH46-18B	37	18"	VBHH47-18B	48
24"	VBHH46-24B	39	24"	VBHH47-24B	51
27"	VBHH46-27B	40	27"	VBHH47-27B	52



For By-Pass with 1" Cartridge Style Dual Check Valve, insert "HC" after the "B."
Example: VBHH46-14BHC.