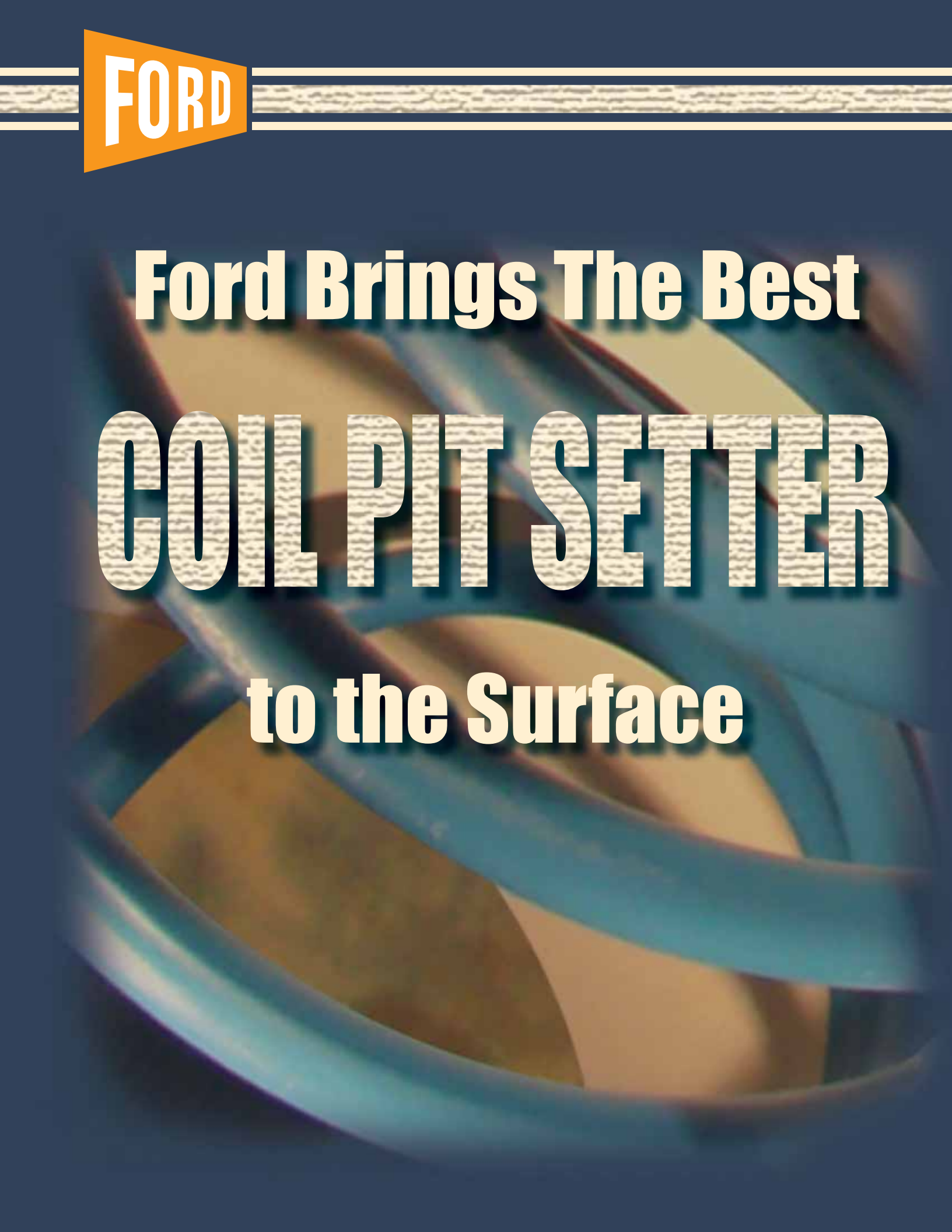
FORD

Ford Brings The Best

COIL PIT SETTER

to the Surface



Features

HOUSING:

- SDR 51 PVC PIP tile, per ASTM D2241
- Lightweight to provide easy installation
- Heights range from 36" to 96"
- Bottom is open to allow ground heat from below the frost line to circulate in the pit, preventing freeze-ups
- 15" diameter PVC tile (.300" thick)
  - 5/8" and 5/8"x3/4" single meter settings
  - 5/8" and 5/8"x3/4" tandem meter settings
- 18" diameter PVC tile (.360" thick)
  - 5/8", 5/8"x3/4" and 3/4" single, dual and tandem meter settings
  - 1" single and tandem meter settings

COIL:

- Coiled high-density polyethylene (HDPE) tubing, per ASTM D2737, SDR 9 CTS sized
- Complies with AWWA C901 (Note: Other comparable products in the market place may use polybutylene coil tubing and claim it meets AWWA C902 Standards. **Caution:** AWWA has *withdrawn* Standard C902 and is no longer a valid standard.)
- Coil is NSF/ANSI Standard 61 approved
- Working pressure 200 PSIG. (This pressure rating should be adequate for any Ford Coil Pit Setter or comparable competitor's product, as some of the connecting valves have a lesser pressure rating.)
- Coils are formed by a proprietary process specific to each tile diameter and pit depth, thus allowing consistent mobility while retaining its original form and providing minimal stress to the coil
- Ford offers 12" coil extension length standard with each pit to accommodate risers for future grade changes

CONNECTIONS:

- All brass conforms to AWWA Standard C800 (ASTM B-62 and ASTM B-584)
  UNS C83600 85-5-5-5 (No-lead brass, per AWWA Standard C800, is available; contact factory for details)
- Inlet and outlet service line connections are MIP and are clearly labeled
- Angled 60° elbows provide minimal stress on the tubing and maintain proper coil orientation
- Quick Joint Nuts (QJN) with thin stainless steel inserts are used for connecting to the HDPE tubing allowing full water flow, unlike crimping techniques requiring a thick brass insert that reduces the tubing ID at *every* connection
- Special lubricants within the QJN allow it to rotate on the tubing without becoming loose or compromising the connection
- If ever necessary, removal of coil or replacement of connections is easy and inexpensive as it only requires replacing the QJN gasket, unlike crimping techniques that require special tools, complete replacement of tubing and the entire crimped connection

METER MOUNTING PLATFORMS:

- Standard platforms are molded polypropylene
- Structural ribs for rigidity
- Various product heights may require spacers for alignment purposes

BRASS VALVES:

- All brass conforms to AWWA Standard C800 (ASTM B-62 and ASTM B-584) UNS C83600 85-5-5-5
  (No-lead brass, per AWWA Standard C800, is available, contact factory for details)
- All dual check valves are ASSE 1024 approved
- 1" full port ball valve settings shall have the ball valve rotated and a 120° elbow will be assembled to maintain meter alignment within the tile ID
- Brass valves and fittings will maintain their individual NSF/ANSI Standard 61 Approval where applicable

IRON LIDS (Order separately)

- Locking and lockless lids are cast iron, per ASTM A48, Class 25
- Available with single or double 2" AMR holes
- Optional under-the-lid AMR plastic mounting plate

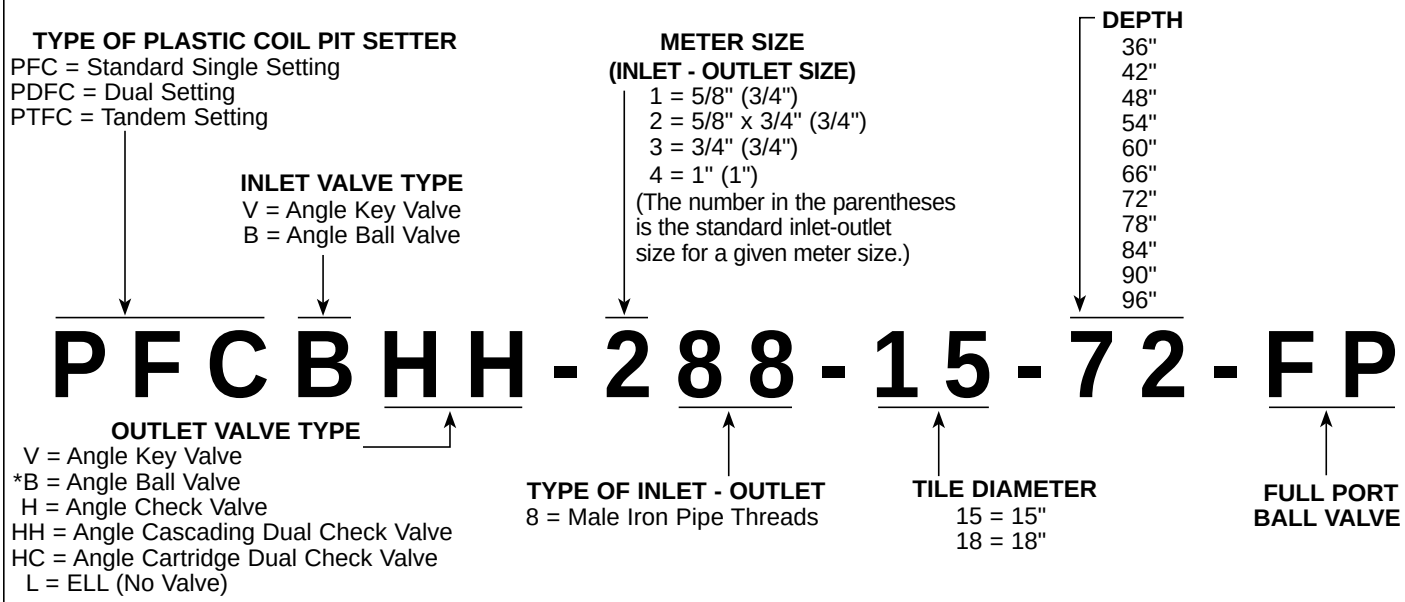
INSULATING DISC (Order separately)

- 1-1/2" thick, value of R4/in
- Closed-cell polyethylene foam resists moisture absorption
- Provides extra protection against meter freeze-ups
- Plastic tie strap handle to assist in disc removal

STANDARD SPECIFICATIONS	15" DIAMETER PVC TILE (.300" THICK)	18" DIAMETER PVC TILE (.360" THICK)
SETTING TYPE		
5/8" Single Setting	X	X
5/8" Tandem Setting	X	X
5/8" Dual Setting		X
5/8" x 3/4" Single Setting	X	X
5/8" x 3/4" Tandem Setting	X	X
5/8" x 3/4" Dual Setting		X
3/4" Single Setting		X
3/4" Tandem Setting		X
3/4" Dual Setting		X
*1" Single Setting		X
*1" Tandem Setting		X
INLET AND OUTLET SERVICE LINE CONNECTIONS		
3/4" Coil Tubing with 3/4" MIP	X	X
1" Coil Tubing with 3/4" MIP (Custom Coil Pit Setter - Contact Factory)		X
1" Coil Tubing with 1" MIP		X
COIL TUBING (HDPE 3408) ASTM D2737 200 PSI		
3/4" Tubing	X	X
1" Tubing	X	X
ADJUSTABLE METER PLATFORM PLATE		
All settings	X	X
SUPPORT BRACKETS		
All settings	X	X
INSULATION DISC		
Value of R4/in	X	X
CAST IRON LID		
Locking	X	X
Lockless	X	X
COIL PIT SETTER HEIGHT		
36" up to 96"	X	X

***** 1" Angle Cascading Dual Check Valve contains 3/4" components.

Ford Coil Pit Setter Numbering System



* Angle Ball Valve is a one-way directional valve designed for the inlet side of the meter and should not be used as a customer shut-off on the customer side of the meter.

HOW TO ORDER

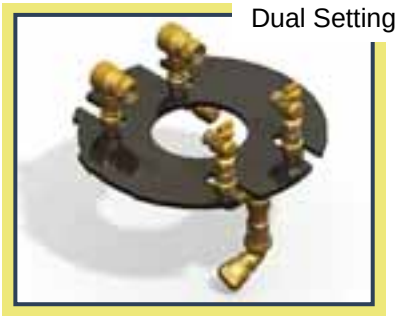
15" Diameter Coil Pit Setter with Single or Tandem Settings for 5/8", or 5/8" x 3/4" Meters	
Setting Type	**Code**
Standard Coil Pit Setter (Flat Lid ordered separately)	PFC
Tandem Coil Pit Setter (Flat Lid ordered separately)	PTFC
Inlet Valve Type	
Angle Key Valve	V
Angle Ball Valve (Reduced port)	B
Full Port Angle Ball Valve (see page 5)	◆ B (-FP)
Outlet Valve Type	
Angle Key Valve	V
Angle Ball Valve (see page 5)	■ ◆ B
Full Port Angle Ball Valve (see page 5)	■ ◆ B
Angle Check Valve	H
Cascading Angle Dual Check Valve (ASSE)	HH
Ell (no valve)	L
Meter Size	
5/8"	1
5/8" x 3/4"	2
Type of Inlet/Outlet Connection	
3/4" MIP x 3/4" MIP	88
Pit Diameter and Depth	
15" x 36"	15-36
15" x 42"	15-42
15" x 48"	15-48
15" x 54"	15-54
15" x 60"	15-60
15" x 66"	15-66
15" x 72"	15-72
15" x 78"	15-78
15" x 84"	15-84
15" x 90"	15-90
15" x 96"	15-96

Example: PFCBHH-288-15-54
Tandem Coil Pit Setters are furnished with regulator adapters

Single Setting

Tandem Setting

Dual Setting



18" Diameter Coil Pit Setter with Dual Settings for 5/8", 5/8" x 3/4" or 3/4" Meters	
Setting Type	**Code**
Dual Setting (Flat Lid ordered separately)	PDFC
Inlet Valve Type	
Angle Key Valve	V
Angle Ball Valve (Reduced port)	B
Full Port Angle Ball Valve (see page 5)	◆ B (-FP)
Outlet Valve Type	
Angle Key Valve	V
Angle Ball Valve (see page 5)	■ ◆ B
Full Port Angle Ball Valve (see page 5)	■ ◆ B
Angle Check Valve	H
Cascading Angle Dual Check Valve (ASSE)	HH
Ell (no valve)	L
Meter Size	
5/8"	1
5/8" x 3/4"	2
3/4"	3
Type of Inlet/Outlet Connection	
1" MIP Inlet x (2) 3/4" MIP Outlet	88
Pit Diameter and Depth	
18" x 36"	18-36
18" x 42"	18-42
18" x 48"	18-48
18" x 54"	18-54
18" x 60"	18-60
18" x 66"	18-66
18" x 72"	18-72
18" x 78"	18-78
18" x 84"	18-84
18" x 90"	18-90
18" x 96"	18-96

Example: PDFCBHH-288-18-48

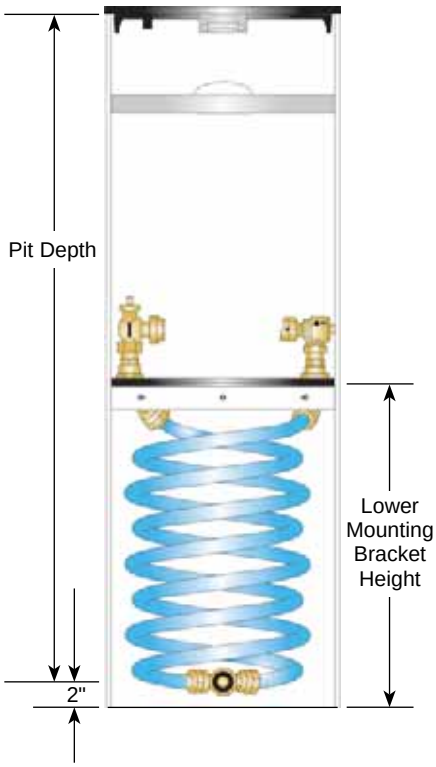
Custom Coil Pit Setters are available, contact factory.

18" Diameter Coil Pit Setter with Single or Tandem Settings for 5/8", 5/8" x 3/4", 3/4" or 1" Meters	
Setting Type	**Code**
Standard Coil Pit Setter (Flat Lid ordered separately)	PFC
Tandem Coil Pit Setter (Flat Lid ordered separately)	PTFC
Inlet Valve Type	
Angle Key Valve	V
Angle Ball Valve (Reduced port)	B
Full Port Angle Ball Valve (see below)	◆ B (-FP)
Outlet Valve Type	
Angle Key Valve	V
Angle Ball Valve	■ B
Full Port Angle Ball Valve (see below)	■ ◆ B
Angle Check Valve	H
Cascading Angle Dual Check Valve (ASSE)	*HH (see below)
1" Cartridge Angle Dual Check Valve (ASSE) (For 1" full port meter settings only)	HC
Ell (no valve)	L
Meter Size	
5/8"	1
5/8" x 3/4"	2
3/4"	3
1"	4
Type of Inlet/Outlet Connection	
3/4" MIP x 3/4" MIP (for 5/8", 5/8"x3/4",and 3/4" meter settings)	88
1" MIP x 1" MIP (for 1" meter settings)	88
Pit Diameter and Depth	
18" x 36"	18-36
18" x 42"	18-42
18" x 48"	18-48
18" x 54"	18-54
18" x 60"	18-60
18" x 66"	18-66
18" x 72"	18-72
18" x 78"	18-78
18" x 84"	18-84
18" x 90"	18-90
18" x 96"	18-96

Example: PTFCVHH-488-18-60
Note: Maximum PRV laying length on a 1" Tandem Coil Pit Setter is 4-1/4".
Tandem Coil Pit Setters are furnished with regulator adapters.
Custom Coil Pit Setters are available, contact factory.

1" Full Port Single Setting

Tandem Setting



Pit Depth	Lower Mounting Bracket Height
36"	14"
42"	20"
48"	26"
54"	26"
60"	26"
66"	26"
72"	26"
78"	26"
84"	26"
90"	26"
96"	26"

Optional if required	**Code**
Optional Full Port Ball Valve ◆ Setters with Angle Ball Valves will be reduced port unless otherwise requested. Reduced port valves usually provide suitable water flow. (Add "FP" to the end of the catalog number for full port.) Example: PFCBHH-288-15-48-FP	-FP
■ The Angle Ball Valve is a one-way directional valve designed for the inlet side of the meter and should not be used as a customer shut-off on the customer side of the meter.	
* 1" Angle Cascading Dual Check Valve contains 3/4" components and is ASSE 1024 approved. This check valve is furnished when a reduced port ball valve (standard) is ordered on the inlet.	
Optional Insulating Disc and Lids: (Order separately) see page 7	

FORD COIL PIT SETTER

Ford Coil Pit Setters and components are 100% made in the USA

The Ford Meter Box Coil Pit Setter design positions the meter below the frost line and allows the meter to be raised to the top of the pit setter for easy meter access.

Insulating Foam Disc

Cast Iron Flat Lockless lid

Cast Iron Flat Locking lid

Insulating Disc and Lids
Order Separately
see page 7 for details

Order Separately

Optional Items:	Catalog Number
Stainless Steel Bottom Plate for 15" coil pit setter	PPSBP-15
Stainless Steel Bottom Plate for 18" coil pit setter	PPSBP-18H
Insulating foam disc for 15" (1-1/2" thick, value of R4/in)	CCID-15
Insulating foam disc for 18" (1-1/2" thick, value of R4/in)	CCID-18
Cast Iron Flat Locking lid for 15" tile ID	PPSC-15-L
Cast Iron Flat Locking lid for 18" tile ID	PPSC-18-L
Cast Iron Flat Lockless lid for 15" tile ID	PPSC-15
Cast Iron Flat Lockless lid for 18" tile ID	PPSC-18
Electronic Meter Reading Lid (2" hole) is available, add **"-T"** to end of the lid catalog number. Example: PPSC-15-L-T Double Electronic Meter Reading Lid (two, 2" holes) is available, add **"-TT"** to end of the lid catalog number.	

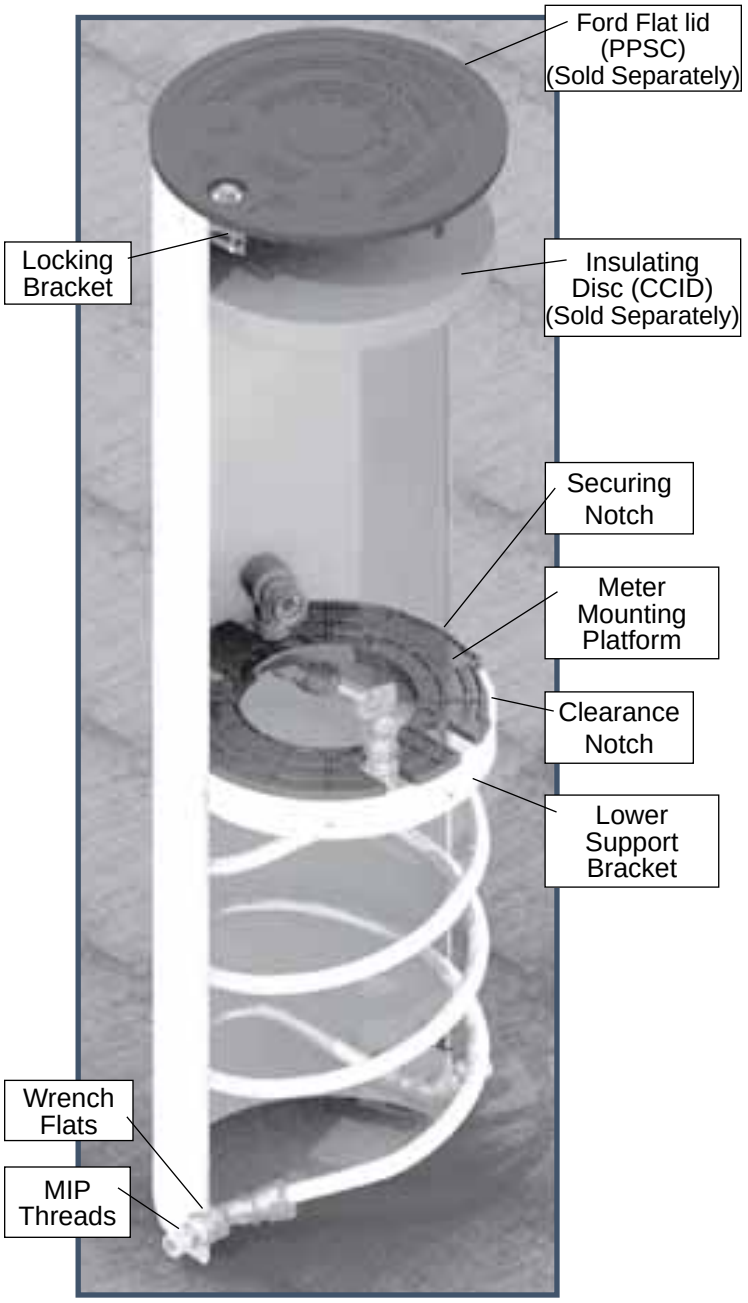
INSTALLATION INSTRUCTIONS

INSTALLATION INSTRUCTIONS FOR THE FORD COIL PIT SETTER

1. Dig trench to proper depth for Coil Pit Setter and lid, also allow for bottom support/drainage.
2. Place crushed gravel or an even layer of concrete blocks in the bottom of hole; if using a bottom plate, place in hole before installing the Coil Pit Setter.
3. Lower the pit setter in the hole so that the top edge is flush with grade level.
4. Connect the inlet and outlet service lines to the appropriate connection as marked on the tile by placing an additional wrench on the wrench flats of the MIP fitting to avoid unintentional twisting of the coil tubing.
5. Pressure test the Coil Pit Setter prior to backfilling to ensure all valves and joints are secured tightly and no leaks are detected.
6. **IMPORTANT:** Carefully backfill around the tile, 12" at a time, tamping each layer. Improper backfill may distort tile, resulting in immobility of the meter mounting platform.

PRECAUTIONS

1. Do not kink, fold, or over-stress the coil tube or damage may result. Avoid cuts, nicks and abrasions to the coil tube as they may affect service life and pressure integrity. Damaged coils should be replaced.
2. Be sure to lift the meter mounting platform just past both locking brackets. Rest the platform on the locking brackets and engage securing the notch of the platform onto one of the locking brackets. This secures the assembly while servicing the meter.
3. Ford's flat lid should be placed properly on the tile after each entry. Locking lid should have the lug and locking mechanism aligned within the tile's locking brackets to secure lock.
4. Meter mounting platform should be completely lowered to the lower support bracket when meter is not being serviced.
5. Store Coil Pit Setter in upright position, do not stack on its side.



WARRANTY – READ

All merchandise is warranted to be free from defects in materials and factory workmanship. We will provide, free of charge, new products in equal quantities for any that prove defective within one year from date of shipment from our factory. Manufacturer shall not be liable for any loss, damage, or injury, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use and user assumes all risk and liability whatever in connection therewith. No claims for labor or consequential damage will be allowed. The foregoing may not be changed except by agreement signed by an officer of the manufacturer.

DAMAGE CAUSED BY IMPROPER TOOLS OR HANDLING WILL VOID OUR WARRANTY

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