



FOR MORE INFORMATION CALL  
610-694-8690

5/8" or 3/4" - 1" WATER METER ASSEMBLY

NO SCALE

CAUTION:

WHEN PIPING SYSTEMS ARE PRESSURE TESTED, IT IS EXTREMELY IMPORTANT AND ESSENTIAL THAT ALL PLUGS INCLUDING TEST PLUGS AND ALL PIPE JOINTS ARE INSTALLED AND RESTRAINED IN SUCH A WAY THAT BLOWOUTS ARE PREVENTED. PLUGS MUST BE REALIZED THAT SUDDEN EXPULSION OF A POORLY INSTALLED PLUG OR SECTION OF PIPE OR OF A TEST PLUG WHICH IS PARTIALLY DERATED BEFORE THE PIPE PRESSURE IS RELEASED CAN BE VERY DANGEROUS. FOR THIS REASON IT IS RECOMMENDED THAT EVERY PLUG AND PIPE JOINT BE POSITIVELY BRACED OR OTHERWISE RESTRAINED DURING PRESSURE TESTING AND THAT NO ONE BE ALLOWED IN A MANDIBLE ADJOINING A LINE BEING TESTED OR IN THE VICINITY OF AN EXPOSED PLUG OR PIPE SO LONG AS PRESSURE IS MAINTAINED IN THE LINE.

NOTES:

1. ALL MATERIALS SHALL BE NSF CERTIFIED.
2. INSTALLATION SHALL CONFORM TO THE INTERNATIONAL PLUMBING CODE (LATEST EDITION).
3. METER CONNECTION MUST BE INSTALLED HORIZONTALLY.
4. CARE SHALL BE TAKEN DURING INSTALLATION TO PREVENT DEBRIS FROM ENTERING THE PIPING. BEFORE THE METER IS PLACED IN SERVICE, THE PIPING ADJACENT TO THE METER SHALL BE FLUSHED.
5. FOR METALLIC SERVICE PIPES, AN ELECTRICAL GROUNDING STRAP SHALL BE CONNECTED TO PIPES ON BOTH SIDES OF THE METER ASSEMBLY.
6. THE PIPES ON BOTH SIDES OF THE METER SHALL BE ALIGNED SUCH THAT THE COUPLING AND METER THREADS WILL ENGAGE WITHOUT BINDING OR CROSS-THREADING.
7. BEFORE INSTALLING THE METER, THE THREAD PROTECTORS AND SPRID CAPS SHALL BE REMOVED, TAKING PRECAUTION AGAINST DEBRIS ENTERING THE METER.
8. THE METER SHALL BE THE FIRST ITEM AFTER THE PRESSURE REDUCING VALVE. THE METER SHALL BE READILY ACCESSIBLE AT ALL TIMES.
9. WHEN THE METER ASSEMBLY IS COMPLETE, ALL COMPONENTS ARE TO BE REMOVED AND VALVES CLOSED. THE INLET VALVE SHALL BE OPENED SLOWLY TO FILL THE METER. NEXT, THE OUTLET VALVE SHALL BE OPENED SLOWLY, AND AIR SHALL BE DISSIPATED WHILE FLUSHING THE PIPING THROUGH A DOWNSTREAM FAUCET. THE METER SHALL THEN BE INSPECTED FOR PROPER OPERATION.
10. THE FAUCET SHALL BE CLOSED AND THE METER ASSEMBLY SHALL BE CHECKED AT LINE PRESSURE FOR LEAKS.
11. THE METER AND READER SHALL BE PURCHASED FROM THE TOWNSHIP AND INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE READOUT SHALL BE MOUNTED ON THE STREET SIDE OF THE BUILDING AND CLEAR OF ANY OBSTRUCTIONS.

REVISED	UPPER SAUCON TOWNSHIP STANDARD CONSTRUCTION DETAILS LEHIGH COUNTY, PENNSYLVANIA
DATE	WATER DISTRIBUTION SYSTEM
NO.	5/8" or 3/4" - 1" WATER METER ASSEMBLY
THE PIDCOCK COMPANY CONSTRUCTION DOCUMENTS DIVISION LEHIGH COUNTY, PENNSYLVANIA	
UST-W-13	