



METER AND SERVICE INFORMATION

METER SIZE	GPM FLOW
5/8"	.25 TO 20
3/4"	.50 TO 30
1"	.75 TO 50
1.5"	1.5 TO 100
2"	2.0 TO 160
3"	5.0 TO 450
4"	10.0 TO 1000

METER SIZE	METER LENGTH
5/8"	12 1/2"
3/4"	14 1/4"
1"	16 1/4"
1.5" Flanged	13"
2" Flanged	17"

METER SIZE	WALL DISTANCE
5/8"	12"
3/4"	12"
1"	12"
1.5"	18"
2"	18"

METER SIZE	FLOOR DISTANCE
5/8"	12" TO 24"
3/4"	12" TO 24"
1"	12" TO 24"
1.5"	12" TO 24"
2"	12" TO 24"

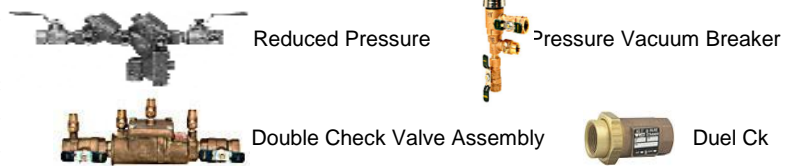
ALL NEW WATER SERVICES BOTH DOMESTIC AND FIRE MUST COMPLETE AN APPLICATION WITH THE P.W.S.B.

- 1) 1" MINIMUM SERVICE; ALL SERVICES 2" OR SMALLER WILL BE TYPE K COPPER TUBING; LARGER SERVICES WILL BE 52 CEMENT LINE DUCTILE
- 2) ALL DOMESTIC AND FIRE SERVICE SHALL BE OF SEPARATE SERVICES
- 3) FLARED CONNECTIONS ARE REQUIRED NO COMPRESSION OR SOLDERED TYPE FITTINGS BEFORE METER
- 4) BALL OR GATE VALVE TO BE INSTALLED BEFORE AND AFTER METER
- 5) THE METER SHALL BE LOCATED AS NEAR AS POSSIBLE TO THE POINT AT WHICH THE SERVICES ENTERS THE BUILDING
- 6) THE METER SHALL BE INSTALLED HORIZONTALLY
- 7) ALL METERS SHALL READ IN CUBIC FT.
- 8) METERS SHALL NOT BE INSTALLED IN PITS UNLESS APPROVED BY THE P.W.S.B.
- 9) SERVICE PIPE WILL HAVE A MINIMUM OF 5' OF COVER TO PREVENT FREEZING
- 10) SERVICE PIPE WILL BE LAID WITH A MIN. OF 10' SEPARATION FROM SEWER LATERAL AND 5' SEPARATION FROM GAS

BACKFLOW PREVENTION ASSEMBLY INFORMATION (BFPA)

BACKFLOW ASSEMBLY	WALL DISTANCE
RP	12"
DC	12"
PVB	SEE NOTE

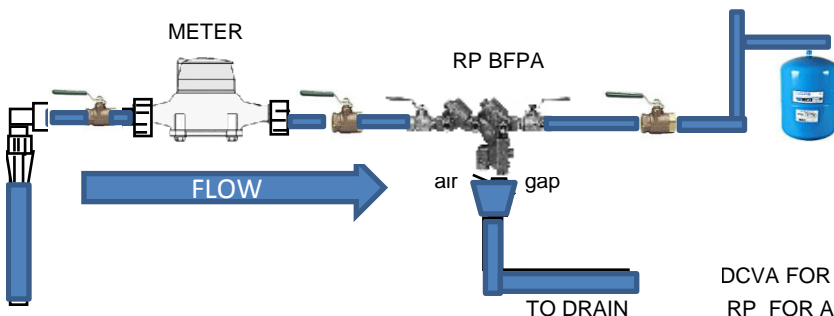
BACKFLOW ASSEMBLY	FLOOR DISTANCE
RP	12" TO 46"
DC	30" TO 54"
PVB	SEE NOTE



NOTE : PVB'S ARE TO BE INSTALLED 12" ABOVE THE HIGHEST POINT OF USE. BFPD MAKES - AMES; CONBRACO; FEBCO; WILKINS; WATTS

- 1) ALL BACKFLOW PREVENTION ASSEMBLIES SHALL MEET THE APPROVAL OF THE USC, UL, AWWA AND OR P.W.S.B. STANDARDS
- 2) ALL VERTICAL INSTALLATIONS MUST BE APPROVED BY THE P.W.S.B.
- 3) BFPA'S MAY RESULT IN A CLOSE LOOP SYSTEM - EXPANSION TANK MAY BE REQUIRED
- 4) ALL NON-RESIDENTIAL SERVICES REQUIRE A PWSB APPROVED TESTABLE BACKFLOW ASSEMBLY
- 5) ALL BACKFLOW PREVENTION ASSEMBLIES MUST BE INSTALLED DIRECTLY AFTER THE METER AND BEFORE ANY DOWNSTREAM BRANCHES
- 6) BACKFLOW ASSEMBLIES WILL RESULT IN PSI LOSSES
- 7) ALL BACKFLOW ASSEMBLIES SHALL BE TESTED UPON INSTALLATION AND ANNUALLY THEREAFTER
- 8) ALL BACKFLOW ASSEMBLIES SHALL BE EQUIPPED WITH REPAIR KITS
- 9) AIR GAP SEPERATION FOR RP'S SHALL BE A MIN OF TWICE THE DIAMETER OF THE RELIEF PORT
- 10) DOMESTIC SERVICE ONLY - STRAINERS MAY AID IN THE PROTECTION OF THE BACKFLOW ASSEMBLY

EXAMPLE OF AN RP BFPA ON A DOMESTIC SERVICE



EXAMPLE OF FIRE SERVICE BFPA'S



DCVA FOR RETRO FITTING EXISTING FIRE SERVICES USING NO CHEMICALS
RP FOR ALL NEW FIRE SERVICES AND SERVICES THAT USES CHEMICALS

