## A.Y. M<sup>e</sup>Donald Mfg. Co. Hinged Saddle Instructions

- 1. Saddles should be installed after pipe pressure testing is completed.
- 2. Use only on PVC pipe.
- Make sure you have proper type and size of saddle for pipe. Reference pipe diameter range, tap size and identification located on each hinged saddle.
- 4. Clean pipe surface thoroughly.
- DO NOT use Vaseline ®, plumber's grease, or any other petroleum based product on seals or o-rings.
- 6. Mount saddle on pipe with outlet facing desired direction.
- McDonald hinged saddles are <u>NOT</u> designed to bottom out. Tighten bolts to the following torques: 3/4" and 1" thread size outlets:

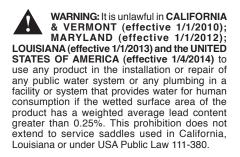
•2", 2 1/2", 3" pipe - 4 - 5 <u>FOOT-POUNDS.</u> (approx. 4 to 5 lbs pull on a 12" wrench) •4", 6", 8" pipe - 5 - 6 <u>FOOT-POUNDS.</u> (approx. 5 to 6 lbs pull on a 12" wrench)

1 1/2" and 2" thread size outlets: •3", 4" pipe - 5 - 6 FOOT-POUNDS\*. (approx. 5 to 6 lbs pull on a 12" wrench) •6", 8" pipe - 7 - 9 FOOT-POUNDS\*. (approx. 7 to 9 lbs pull on a 12" wrench)

\*Be sure to alternate tightening of the 2 bolts to ensure even loading.

- 8. Overtightening can cause failure of saddle, bolt or hinge pin.
- **9.** After the corporation stop has been installed, recheck saddle torque and tighten if necessary.
- 10. McDonald hinged saddles are designed to withstand water working pressure up to but not exceeding the working pressure rating of the pipe up to 200 PSIG maximum. Use only on a cold water service.
- 11. Saddle testing should be accomplished while services are exposed and prior to backfilling.

## 3210-308





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