

## Components



Sensor or Sensor with Electronics, depending on options ordered. Note: material will vary depending on options.

Tee, Saddle, or Weldolet, including U-clips—will vary depending on model.

## Recommended Tools

### Recommended:

- Pipe drill or hole cutting saw
- 5/32" allen wrench
- Crescent Wrench

### Optional:

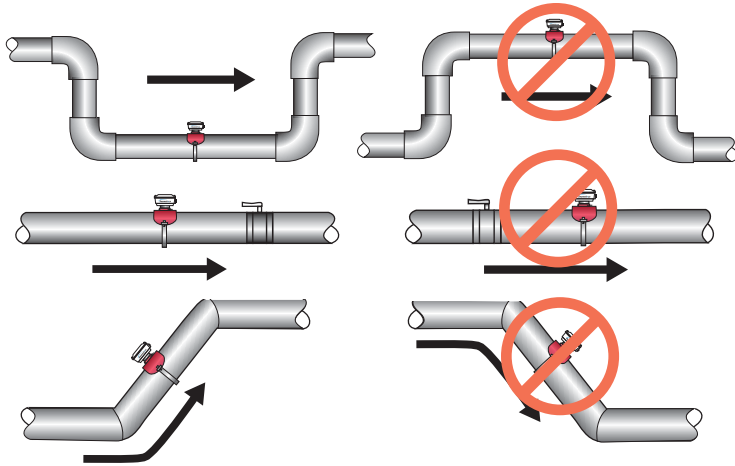
- Channel locks

## Warnings *Refer to instruction manual for further details.*

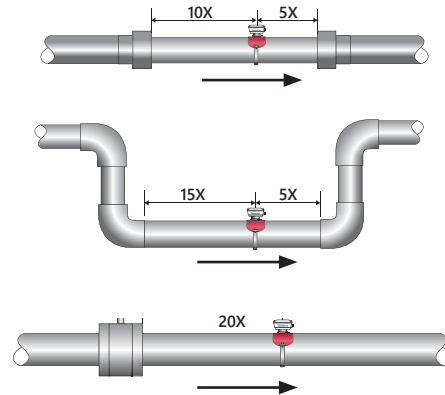
- This meter is sensitive to heat. Do not weld or flame cut within 10' of meter. Heat will damage electronics. (Heat will void warranty.)
- Never remove the U-clip retainer when the pipe is under pressure. Removal under pressure may result in damage or serious injury.
- Not recommended for installation downstream of a boiler feedwater pump where installation fault may expose the flow sensor to boiler pressure and temperature. Maximum recommended temperature is 130°F (Plastic), 200°F (Metal).
- Improper sealing of cables or cable glands will void warranty.

## Positioning

Choose a position that will ensure a full pipe.

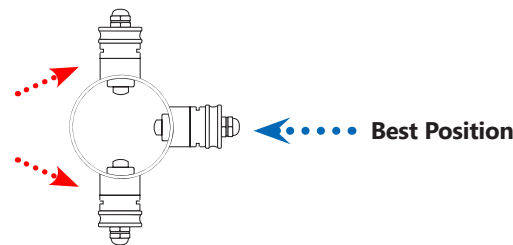


Choose a position that will minimize flow distortion.



**Fair** — Unacceptable if pipe contains air

**Fair** — Unacceptable if pipe contains sediment



## Installation

### Fitting Installation

- **Tee Fitting:** Install PVC fitting with solvent cement. Brass and stainless steel fittings have female pipe threads.
- **Saddle Fitting:** Cut hole in pipe at desired location—recommended size is 1 3/4". Strap saddle on pipe, aligning over hole, and tighten straps.
- **Weldolette Fitting:** Cut hole in pipe at desired location—recommended size is 1 3/4". Weld fitting over hole.

### Meter Installation

- Note direction of flow and press meter into fitting as far as it will go.
- Insert retaining clip (U-clip) into retaining slot, sliding it in securely.

