

# ScaleNet<sup>®</sup> Commercial Water Treatment Systems

## Installation – 1" Pipe

The flow thru the Commercial Anti-Scale System is upward. Therefore, the inlet and outlet connections are opposite of traditional water treatment equipment.

The flow rate must not exceed the maximum specified flow rate of the system. A flow control device will be required for applications where flow rates may exceed the maximum specified flow rate.

Part No.	Tank Size	Pipe Size	Max Service Flow
M8407-COM	7x44	1"	10 gpm
M8408-COM	8x44	1"	12 gpm
M8409-COM	9x48	1"	16 gpm
M8410-COM	10x54	1"	20 gpm
M8412-COM	12x52	1"	30 gpm



### Installation Instructions:

1. Place system on a smooth flat surface.
2. Install the fittings and / or the bypass (see separate instructions). Slide the nut on first then the split ring and o-ring.
3. Connect incoming cold water to the inlet of the system.
4. Connect system outlet to service water of the house.
5. Partially open a valve down stream of the system to allow the air to purge from the system.
6. Slowly open inlet valve and allow the system to fill with water.
7. Close the down stream valve five minutes after all the air has been purged from the system and plumbing. This flushes any fines out of the system.
8. Check for leaks and repair as required.
9. System is ready for use.

### Conditions for Operation:

- Minimum pressure 15 PSI
- Maximum pressure 125 PSI
- Minimum operating temperature 34 F
- Maximum operating temperature 120 F
- Water pH range 6.0 to 9.0
- Maximum feed water hardness is 75 grains per gallon.
- Hydrogen sulfide, iron, and manganese
- Pre-treatment required
- Maximum chlorine 3 ppm, de-chlorination recommended
- Oil and grease should not be present

*Warning - Do not exceed specified flow rates*



Top view with optional bypass

Note: Do not use where water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the unit. System must be maintained according to manufacturer's instructions. Pre-treatment for sediment, Iron, Hydrogen Sulfide, Manganese, hydrocarbons and copper may be required depending on conditions. Install systems in new facilities with copper pipe after six weeks of water use.