

Meter Installation Information Sheet

Meters must be installed with the correct amount of unobstructed flow upstream and downstream of the meter sensor. The regulations require a minimum of 5 pipe diameters upstream and 2 pipe diameters downstream of a non jetting flow obstruction (*pumps, elbows cooling coils, collection pots etc...*) Some meter installations may require 10 pipe diameters upstream and 2 pipe diameters downstream of a jetting flow obstruction (*check valves, flap valves etc...*) See the following table:

Type of Obstruction	Distance to the Flow Sensor from Obstruction					
	6" Meter(Diameter)		8" Meter		10" Meter	
	Upstream	Downstream	Upstream	Downstream	Upstream	Downstream
Jetting Flow Obstruction (10 and 2)	60 "	12"	80"	16"	100"	20"
Non Jetting Obstruction (5 and 2 - required)	30"	12"	40"	16"	50"	20"

Your particular meter installation may have special requirements.

Recommended: 10 pipe diameters upstream of the meter is best for increased accuracy and flowmeter life.

Important: All new meter installations must be installed in a ***manufacturer approved measuring chamber*** with ***straightening vanes***.

Note: Staff from the Kansas Department of Agriculture, Division of Water Resources will be out to check all the wells and surface water pump sites required to be metered as a result of this order. If the meter was not installed correctly you may be required to reinstall the meter so that it does meet regulations.

Meters put in prior to the date of this order will be handled on a case by case basis based on regulations that were in place at the time of installation.

Unacceptable Meter Installation



Acceptable Meter Installation

