



FS100 Flow Straightener

Series: **FS100-FLOW-STRAIGHTENER**
 USD Price: Contact McCrometer

Eliminate upstream and downstream pipe

Advanced Flow Straightening with Propeller Technology

Farmers, irrigation dealers and water district engineers will find the McCrometer Mc Propeller Meter and the FS100 Flow Straightener are the ideal solution for water metering programs in agriculture and turf irrigation. The Mc Propeller's advanced design delivers highly accurate liquid flow measurement in a rugged space-saving design that reduces installation costs, offers long-life and requires minimal maintenance.

The FS100 Flow Straightener provides breakthrough flow straightening technology that virtually eliminates the upstream / downstream straight pipe runs typically required in existing or new flow meter applications.

Requiring only 1.5 straight pipe diameters upstream and 0-0.5 downstream, the FS100 Flow Straightener when installed with the McPropeller slashes typical installation piping and labor costs by more than 50 percent, which makes it the right fit in both retrofit and brand new installations.

Optional electronic digital register available

Unique magnetic coupling system, isolates register from flow

Straightening vanes to generate optimum flow profiles

Specifications

Accuracy:	±2%
Body material:	Epoxy-coated carbon steel body; all stainless available
Calibration:	Pre-calibrated, corrosion-resistant polymer impeller
Head Loss:	Very low permanent headloss
Line size:	6 through 12 inches
Options:	Register: forward/reverse flow; test hand/index wheel; anti-reverse totalizer; custom scale; extended digit totalizer
Repeatability:	±0.25%
Requirements (Diameter):	Needs only 1.5 diameters upstream, 0 to 0.5 diameter downstream