STRAIGHT PIPE RECOMMENDATIONS
(X = diameter)

Reduced Pipe

Expanded Pipe

Swirling Flow - Propeller Meter

Swirling Flow - Partially Open Butterfly Valve

Note: These configurations are to be used as general guidelines and do not cover every possible installation. If there is any concern about the length of straight pipe required for a specific application, please contact your local dealer.
FULL PIPE RECOMMENDATIONS

Recommended:
Keep pipe full at meter for accuracy

Recommended:
Keeps pipe full at meter for accuracy

Recommended:
Allows air to bleed off

Recommended:
Improved accuracy results from unimpeded electrodes

Not Ideal:
Allows air pockets to form at meter

Not Ideal:
Post-valve cavitation can create air pocket

Not Ideal:
Air can be trapped

Not Ideal:
Air bubbles and sediment on the electrodes can affect accuracy