

Technical Bulletin PIPING CONFIGURATIONS FOR AG2000 MAGMETERS

STRAIGHT PIPE RECOMMENDATIONS

(X = diameter)





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:







Not Ideal: Allows air pockets to form at meter



Recommended: Keeps pipe full at meter for accuracy



Not Ideal: Post-valve cavitation can create air pocket



Recommended: Allows air to bleed off



Recommended: Improved accuracy results from unimpeded electrodes



Not Ideal: Air can be trapped



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

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