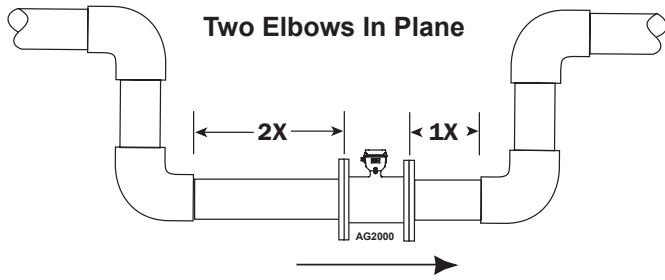
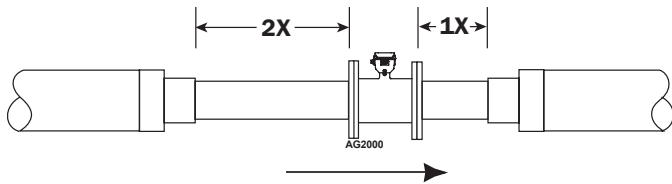


**STRAIGHT PIPE RECOMMENDATIONS**

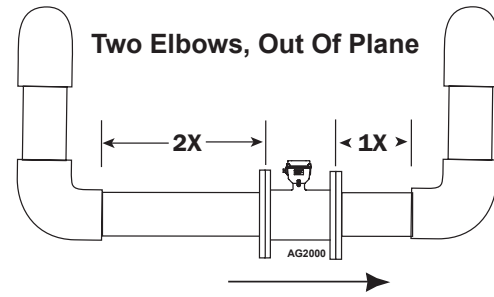
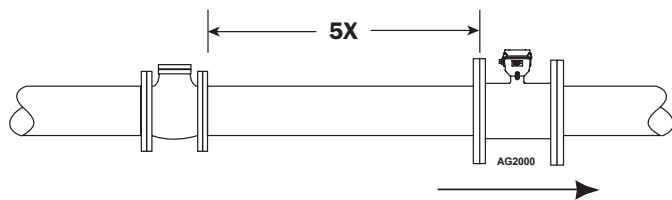
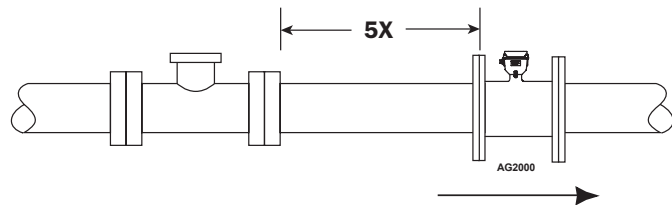
(X = diameter)



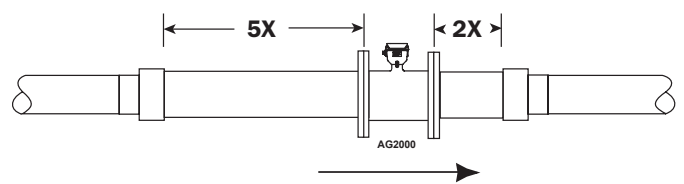
**Reduced Pipe**



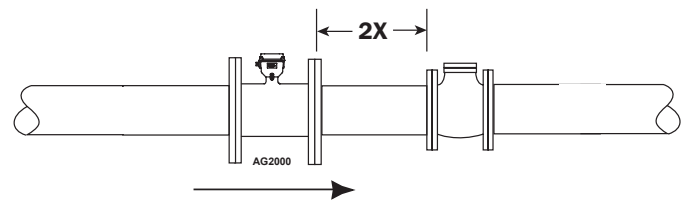
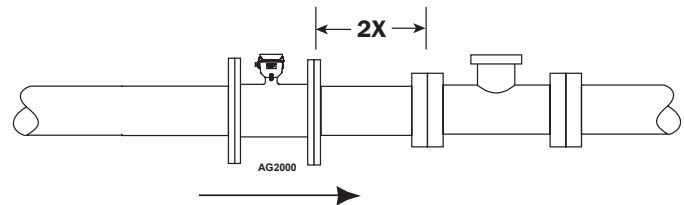
**Swirling Flow - Propeller Meter**



**Expanded Pipe**



**Swirling Flow - Partially Open Butterfly Valve**

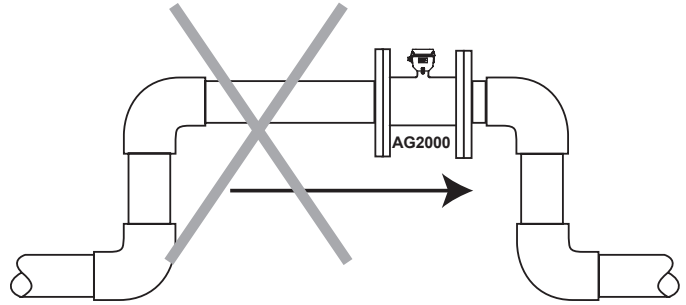
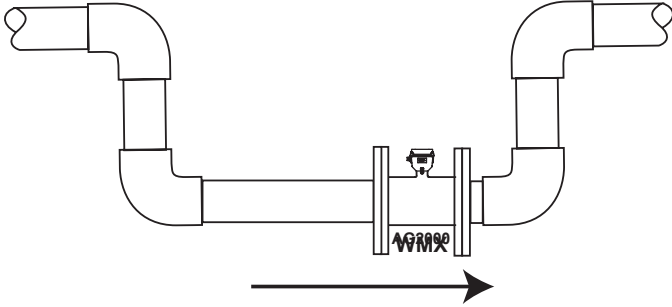


**Note:** These configurations are to be used as general guidelines and do not cover every possible installation. If there is any concern about the length of straight pipe required for a specific application, please contact your local dealer.

**FULL PIPE RECOMMENDATIONS**

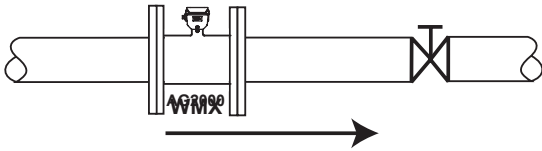
**Recommended:**

Keep pipe full at meter for accuracy



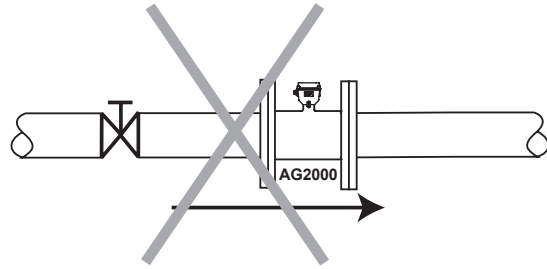
**Not Ideal:**

Allows air pockets to form at meter



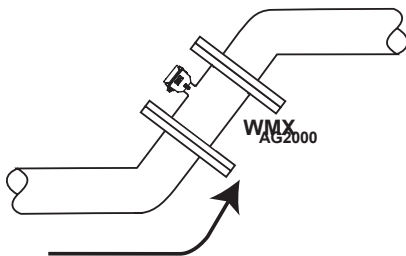
**Recommended:**

Keeps pipe full at meter for accuracy



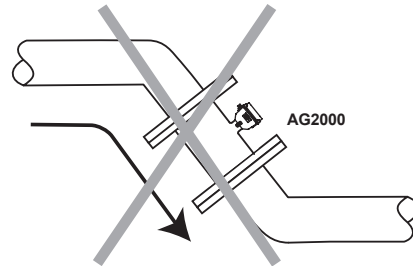
**Not Ideal:**

Post-valve cavitation can create air pocket



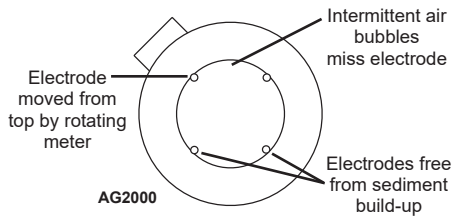
**Recommended:**

Allows air to bleed off



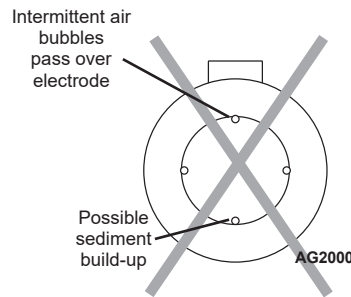
**Not Ideal:**

Air can be trapped



**Recommended:**

Improved accuracy results from unimpeded electrodes



**Not Ideal:**

Air bubbles and sediment on the electrodes can affect accuracy