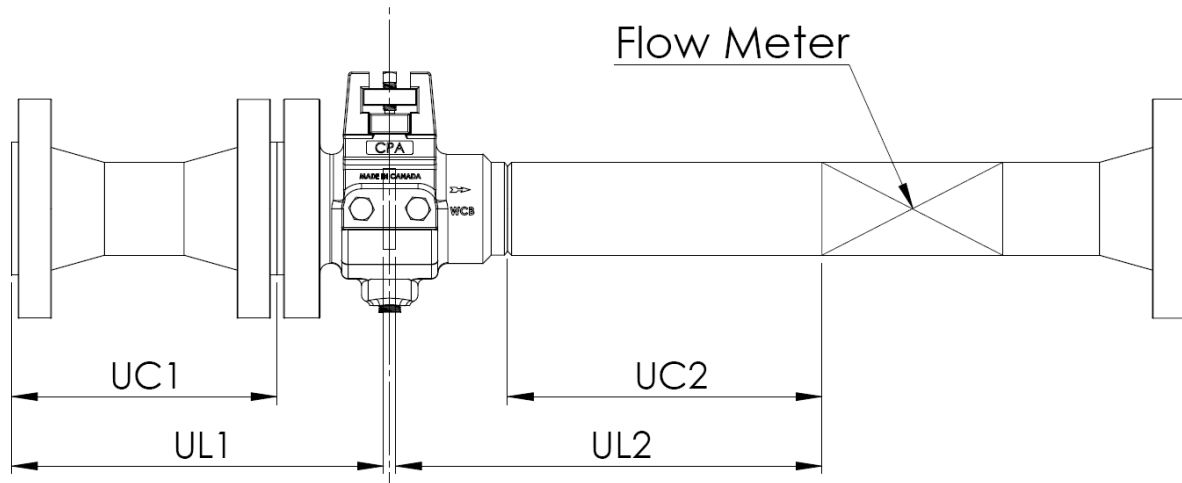


## CPA Changer Flange by Weld Installation Details

**DIMENSIONS LISTED ARE SUGGESTED MINIMUMS; ANY COMBINATION OF UL1 & UL2 LONGER THAN LISTED IS ACCEPTABLE**



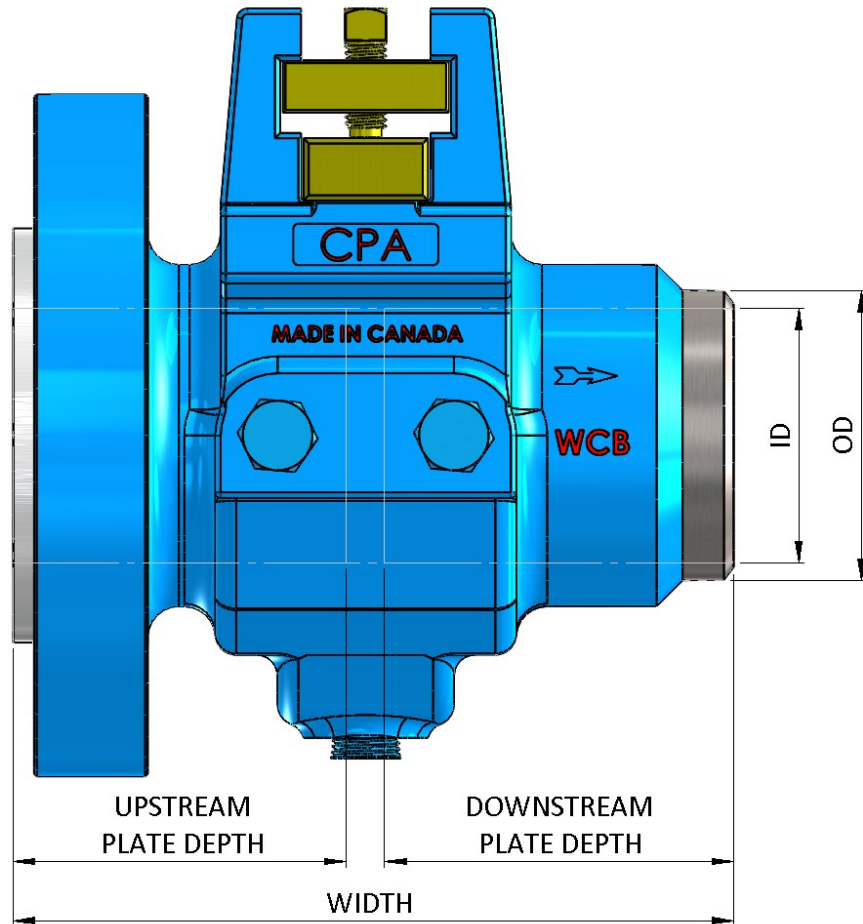
Meter Run Lengths (Inches)					
NPS	Schedule	UL1 (5 Dia.)	UL2 (8 Dia.)	UC1	UC2
3	40	15.49	25.19	11.32	20.27
3	80	14.65	23.81	10.47	18.92
4	40	20.33	33.06	15.62	27.51
4	80	19.32	31.42	14.60	25.89

**Note:** UL1 refers to the total distance from the upstream flange face to the upstream face of the flow conditioner. UC1 refers to the distance from the upstream flange face to the upstream changer flange face.

UL2 refers to the total distance from the upstream meter flange (for ultrasonic or turbine) or the orifice plate to the downstream face of the flow conditioner. UC2 refers to the distance from the upstream meter flange (for ultrasonic or turbine) or the orifice plate to the downstream changer weld.

**WARNING:** Suggested meter run lengths cannot replace flow measurement guidelines or standards. There are other requirements for a compliant meter run and the standards must be carefully considered. It is essential that your customers approve of your chosen meter run dimensions prior to construction. Canada Pipeline Accessories Co. LTD will not be held responsible for disapproval of meter run dimensions as recommended lengths are minimum distances.

## CPA Changer Flange x Weld Dimensions



CPA Changer Dimensions (Inches)							
NPS	Schedule	ID	OD	CPA50E Thickness	Upstream Plate Depth	Downstream Plate Depth	Changer Width
3	40	3.068	3.500	0.460	4.020	4.270	8.750
3	80	2.900	3.500	0.435	4.033	4.283	8.750
4	40	4.026	4.500	0.604	4.511	4.698	9.813
4	80	3.826	4.500	0.574	4.526	4.713	9.813

*Patent Pending*