

High Pressure (-HP) Option

HIGH-PRESSURE OPTION FOR CDI 5000-SERIES AND 6000-SERIES FLOWMETERS

- Upgraded gaskets



- Pressures up to 650 psig

- Includes calibration adjustment

The -HP option provides adjustments of the meter's calibration for the wall thickness of the pipe on which the meter will be used and properties of air at the elevated pressure. The high-pressure FKM gaskets provided with this option are suitable for use at the pressures indicated below.

INSTALLATION

Note the pressure limitations below. Follow the normal installation procedure for the meter. Be sure to smooth the pipe with a file in the area where the seals will make contact with it.

PRESSURE LIMITATIONS

Nominal Pipe Size	Maximum Working Pressure, psig						
	ERW Steel			Copper			Aluminum _A
	Sch. 10	Sch. 40	Sch. 80	Type M	Type L	Type K	
1/2"	650	650	650	-	-	-	-
3/4"	650	650	650	297	431	450	-
1"	650	650	650	250	367	450	-
1-1/4"	644	650	650	245	327	393	-
1-1/2"	552	650	650	241	300	366	-
2"	430	650	650	217	265	319	-
2-1/2"	388	650	650	157	195	234	-
3"	313	600	650	145	184	225	-
4"	240	501	650	145	169	209	-
5"	216	435	650	-	-	-	-
6"	180	393	639	125	144	201	-
8"	151	344	558	-	-	-	-
25mm x 22mm	-	-	-	-	-	-	430
40mm x 37mm	-	-	-	-	-	-	255
50mm x 46mm	-	-	-	-	-	-	274
63mm x 59mm	-	-	-	-	-	-	214
76mm x 72mm	-	-	-	-	-	-	175
101mm x 97mm	-	-	-	-	-	-	130

A: Based on 6063-T5 Aluminum. Use pipe manufacturer's pressure rating if it is *lower*.