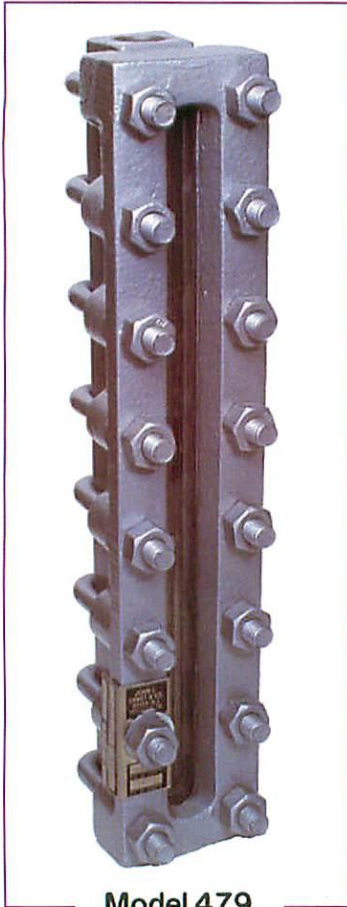


Flat Glass Gauges – Low Pressure

LIQUID LEVEL GAUGES



Model 479

These gauges are designed for less demanding process conditions that maximize the mechanical and economical advantages of ductile iron covers.

These gauges are not recommended for Steam/Water applications.

Model 479 Reflex - has a single vision slot on one side of the chamber in which light can enter to determine liquid level. Above the liquid level, glass prisms reflect the surrounding light giving typically a silvery appearance. Below the level, the liquid fills the prisms causing the glass to become relatively transparent giving a typically dark appearance.

Model 489 Transparent - has a vision slot on both sides of the chamber allowing light to enter the gauge opposite the observer so that the level or the liquid and its characteristics can be seen.

Features

- ◆ Armored Design
- ◆ Reflex & Transparent Design
- ◆ Maximum Protection
- ◆ Conforms to AISI/ASTM Specs
- ◆ Up to 12 Feet Long
- ◆ 10 Section Maximum
- ◆ 1/2"NPT Female Ends (std)

Ratings

- ◆ Pressures up to 2400 PSIG
- ◆ Temperatures up to 650°F

Materials

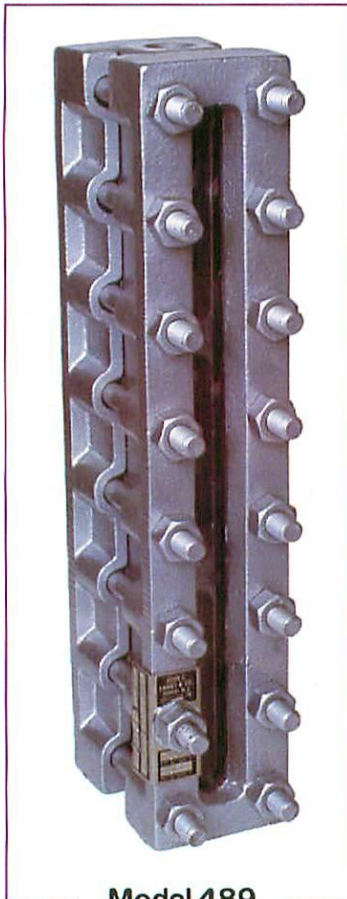
- ◆ Chamber: Carbon Steel
316LSS (Opt.)
- ◆ Covers: Ductile Iron
- ◆ Glass: Tempered Borosilicate
- ◆ Gaskets/Cushions: Grafoil GHP

Pressure/Temperature Ratings are for Non-Steam Service

Model	Temp	Pressure Range for Glass Sizes in PSIG with Std. Gaskets								
		1	2	3	4	5	6	7	8	9
479	100°F	2400	2325	2250	2175	2100	2025	1950	1875	1800
479	600°F	1780	1720	1670	1600	1550	1500	1440	1390	1340
489	100°F	2000	1815	1630	1440	1250	1065	875	690	500
489	600°F	1480	1340	1210	1060	920	790	645	510	370

Temperatures up to 650°F with Aluminosilicate Glass.

For Valve Selection, See "Flat Glass Gauge Valves - Carbon Steel"



Model 489

Models		Glass Size	Overall Length	Length Of Visible Glass	Minimum Centers if using the following Valve				# of Sectns
Reflex	Trans-parent				Rigid Gauge		Union Gauge		
					450 460	498	450 460	498	
479R11	489T11	1	5-1/4	3-3/4	8-1/8	9-7/8	11-1/8	11-7/8	1
479R12	489T12	2	6-1/4	4-3/4	9-1/8	10-7/8	12-1/8	12-7/8	
479R13	489T13	3	7-1/4	5-3/4	10-1/8	11-7/8	13-1/8	13-7/8	
479R14	489T14	4	8-1/4	6-3/4	11-1/8	12-7/8	14-1/8	14-7/8	
479R15	489T15	5	9-3/8	7-7/8	12-1/4	14	15-1/4	16	
479R16	489T16	6	10-5/8	9-1/8	13-1/2	15-1/4	16-1/2	17-1/4	
479R17	489T17	7	11-3/4	10-1/4	14-5/8	16-3/8	17-5/8	18-3/8	
479R18	489T18	8	13-3/8	11-7/8	16-1/4	18	19-1/4	20	
479R19	489T19	9	14-1/8	12-5/8	17	18-3/4	20	20-3/4	
479R24	489T24	4	16-1/2	15	19-3/8	21-1/8	22-3/8	23-1/8	2
479R25	489T25	5	18-3/4	17-1/4	21-5/8	23-3/8	24-5/8	25-3/8	
479R26	489T26	6	21-1/4	19-3/4	24-1/8	25-7/8	27-1/8	25-7/8	
479R27	489T27	7	23-1/2	22	26-3/8	28-1/8	29-3/8	30-1/8	
479R28	489T28	8	26-3/4	25-1/4	29-5/8	31-3/8	32-5/8	33-3/8	
479R29	489T29	9	28-1/4	26-3/4	31-1/8	32-7/8	34-1/8	34-7/8	
479R36	489T36	6	31-7/8	30-3/8	34-3/4	36-1/2	37-3/4	38-1/2	3
479R37	489T37	7	35-1/4	33-3/4	38-1/8	39-7/8	41-1/8	41-7/8	
479R38	489T38	8	40-1/8	38-5/8	43	44-3/4	46-1/8	46-3/4	
479R39	489T39	9	42-3/8	40-7/8	45-1/4	47	48-1/4	49	
479R47	489T47	7	47	45-1/2	49-7/8	51-5/8	52-7/8	53-5/8	4
479R48	489T48	8	53-1/2	52	56-3/8	58-1/8	59-3/8	60-1/8	
479R49	489T49	9	56-1/2	55	59-3/8	61-1/8	62-3/8	63-1/8	

For Gauges of 5 to 10 Sections consult Sales Office