

**1490 Low Pressure Diaphragm Gauges/1495 Receiver**

**FEATURES**

- Glass-filled polysulfone case material
- Re-zero screw allows for minor pointer adjustment
- Polycarbonate removeable window allows for minor zero adjustments



**SPECIFICATIONS**

Accuracy:	±2-1-2% of span (ASME B40.100 Grade A)
Pointer:	Black, aluminum, fixed
Mounting Options:	Stem, flush (U-clamp for panel mounting)

**WETTED COMPONENTS**

Model	Diaphragm	Process Connection Material
1490, 1495	Beryllium copper diaphragm	Brass

**NON-WETTED COMPONENTS**

Model	Case	Ring/Window (one piece)
1490, 1495	Black, glass filled polysulfone	Threaded polycarbonate, ¼ turn

**MIN/MAX TEMPERATURE LIMITS**

Model	Process
1490, 1495	-20°F to 200°F (-29°C to 93°C)



**1490**  
2½", 3½" dial size



**1495**  
2½", 3½" dial size receiver gauge

ORDERING CODE	Example:	35	1490	A	02	B	XUC	10IWC
<b>Dial Size</b>								
25 - 2½"								
35 - 3½"		35						
<b>Model Code</b>								
1490 - Glass filled polysulfone case			1490					
1495 - Glass filled polysulfone case								
<b>Wetted Material</b>								
A - Beryllium copper, brass, polysulfone, RTV silicone				A				
<b>Process Connection Size</b>								
01 - ⅛ NPT Male								
02 - ¼ NPT Male					02			
<b>Process Connection Location</b>								
L - Lower						B		
B - Center Back								
<b>Options (if choosing an option(s) must include an "X")</b>							X	
AN - 1% Accuracy								
NH - SS tag								
NN - Paper tag								
TU - Thottle plug (throttle plug must be installed for intermittent or continuous use on natural gas service)								
UC - U-clamp							UC	
ZY - FlutterGuard™								
<b>Range (see range table on page 37 for all standard ranges)</b>								
10IW - 0/10 IWC								10IWC

1038A, 1339A Standard Ranges Code - Single Scale			
	psi	bar	kPa
Compound	30IMV&15#		
			N1/1.5BR N100/150KP
	30IMV&30#		
			N1/3BR N100/300KP
	30IMV&60#		
			N1/5BR N100/500KP
	30IMV&100#		
		N1/9BR N100/900KP	
Positive Pressure	30IMV&150#		
			N1/15BR N1C/1500KP*
	30IMV&300#		
			N1/24BR N1C/2400KP*
	30#	-	-
	-	2.5BR	250KP
	60#	4BR	400KP
	-	6BR	600KP
	100#	-	-
	-	10BR	1000KP
	160#	-	-
	200#	-	-
	-	16BR	1600KP
300#	-	-	
-	25BR	2500KP	
400#	-	-	
600#	40BR	4000KP	
800#	-	-	
-	60BR	6000KP	
1000#	-	-	

\*C = 00

1495 Receiver Gauge Standard Ranges Code			
Input Signal Range PSI	Single Scale	Dual Scale	Inner / Outer
3-15#	0-100%		
3-15#	0-10sq rt		
3-15#		0-10 sq rt/0-100linear	

1490 Standard Ranges Code- Single Scale				
	psi	inH <sub>2</sub> O	oz/in <sup>2</sup>	kPa
Vacuum				N2.5KP
		15IWV		N4KP
		30IWV		N10KP
		60IWV		N16KP
				N25KP
		100IWC		N40KP
		200IWV		N100KP
			15ZSIV	
			30ZSIV	
			60ZSIV	
Ccompound			100ZSIV	
		N30/30IW		
			N30/30ZSI	
		N10/10IW		
				N10/60CMW
				N10/80CMW
				N20/40CMW
				N10/100CMW
				N10/120CMW
		10IW		2.5KP
		15IW		4KP
				60CMW
		30IW		10KP
		60IW		16KP
		100IW		25KP
	160IW		40KP	
	200IW		100KP	
	300IW			
Positive Pressure			10ZSI	
			15ZSI	
			30ZSI	
			60ZSI	
			100ZSI	
			160ZSI	
			250ZSI	
		3#		
		5#		
		10#		
	15#			