

## Diaphragm Receiver Gauges Type 1495, ASME B 40.1 Grade A ( $\pm 2-1-2\%$ of span)

- **Sensitive diaphragm element results in smooth pointer motion**
- **One-piece polycarbonate window is easy to remove**
- **Re-zero screw allows easy pointer adjustment**
- **Slotted U-clamp for panel mounting makes installation easy**

The Ashcroft® Type 1495 receiver gauge uses a diaphragm capsule as its sensing element rather than a Bourdon tube. The sensitivity of the diaphragm promotes smooth pointer motion that makes minor pressure changes easy to read.

The Type 1495 receiver gauge is the ideal product where the standard ASME B 40.1 Grade A ( $\pm 2-1-2\%$  of span) accuracy or the optional ASME B 40.1 Grade 1A ( $\pm 1\%$  of span) accuracy and smaller dial sizes are specified. The long pointer, smooth-operating sensing element, easily removable window and re-zero adjustment screw make specification and installation of this receiver gauge quick and easy. The polysulfone case is suitable for intermittent or continuous service on natural gas provided a .013" throttle plug is installed in the socket.



### SPECIFICATIONS

Dial Size		Gauge Type		Wetted Material		Connection Size & Type		Connection Location	
Code	Desc.	Code	Description	Code	Description	Code	Description	Code	Description
25	2 1/2"	1495	Diaphragm Receiver Gauge	A	Beryllium Copper	01	1/8" NPT	L	Lower
35	3 1/2"				Brass	02	1/4" NPT	B	Center Back
					Polysulfone	HD	1/2" I.D. Tubing Hose Barb <sup>(2,3)</sup>	T	Top
					RTV Silicone	HE	3/16" I.D. Tubing Hose Barb <sup>(2,3)</sup>	D	3 O'Clock
						HF	1/4" I.D. Tubing Hose Barb <sup>(2,3)</sup>	E	9 O'Clock
						HG	1/4" O.D. Polytube Hose Barb <sup>(2,3)</sup>		
						HH	10-32-2B Female Thread <sup>(2,3,4)</sup>		

(1) A throttle plug must be installed in the socket whenever the gauge is used for intermittent or continuous service on natural gas.

(2) U-clamp furnished when hose barb or female thread is specified.

(3) Throttle plug not available with hose barb or female thread connections.

(4) .020 throttle screw available on HH connection only.

### RANGES

Pressure	Figure Intervals	Minor Graduations
0-100%	10	1
0-10 sq rt	1	0.1
0-10 sq rt/0-100 Linear <sup>(4)</sup>		

(4) This dial is standard and will be supplied unless otherwise ordered. Figure/minor intervals same as single case.

### SPECIFICATIONS

**Dial Size:** 2 1/2" and 3 1/2"

#### Case

**Material:** Glass-filled polysulfone

#### Sensing Element:

Beryllium copper diaphragm

#### Wetted

**Materials:** Beryllium copper, brass, polysulfone and RTV silicone

### OPTIONS

Code	Description
XAK	Autoclavable at 275°F for 30 minutes. The unit can be autoclaved five times. Polysulfone window will be supplied.
XAN	1% optional accuracy
XDA	Dial marking
XNH	Stainless steel tag
XNN	Paper tag
XTU <sup>(1,3)</sup>	Throttle plug
XTS <sup>(4)</sup>	Throttle screw
XUC <sup>(2)</sup>	U-clamp
XZY	Flutterguard™

### TO ORDER THIS TYPE 1495 RECEIVER GAUGE:

Select: \_\_\_\_\_ 35 \_\_\_\_\_ 1495A \_\_\_\_\_ 02 \_\_\_\_\_ B \_\_\_\_\_ XUC \_\_\_\_\_ 3-15 psi \_\_\_\_\_ Range

1. Dial size – 3 1/2" \_\_\_\_\_

2. Case type – 1495 and wetted material \_\_\_\_\_

3. Connection size – 1/4" (02), 1/8" (01) \_\_\_\_\_

4. Connection location – Lower (L), Back (B) \_\_\_\_\_

5. Variation for U-clamp \_\_\_\_\_

6. Basic model code for 3-15# signal \_\_\_\_\_

7. Actual dial range required; i.e. 0-100%, 0-10 sq rt, etc. \_\_\_\_\_

Consult factory for guidance in product selection  
Phone (203) 385-0217, Fax (203) 385-0602 or  
visit our web site at [www.ashcroft.com](http://www.ashcroft.com)