

Data Sheet

1495 Low Pressure Receiver Gauge

FEATURES

- Easily removable case material
- Smooth pointer motion
- Slotted U-clamp for panel mounting makes for easy installation
- Polycarbonate removable window allows for minor zero adjustments

TYPICAL USES

- Vacuum pumps
- Air compressors filters
- Gas measurement; burners and leak detectors
- Vacuum ovens
- Specialized OEM equipment
- Suction regulators and respirators



1495
2½", 3½" dial size

SPECIFICATIONS

Accuracy:	±2-1-2% of span (ASME B40.100 Grade A)
Dial Size:	2½", 3½"
Ranges:	3-15 psi, 0-10 sq.rt/0-100%
Process Connection Location:	Lower, center back, top, 3 o'clock, 9 o'clock
Process Connection Size:	¼" NPT Male, ¼" NPT Male, ⅛" Tubing hose barb, ⅜" Tubing hose barb, ¼" Tubing hose barb, ¼" O.D. Polytube hose barb, ⅜" Tubing hose barb
Movement:	Brass
Dial:	Aluminum, white background, black figures and intervals
Proof Pressure:	18 psi
Burst Pressure:	Up to 5 psi = 50 psi Greater than 5 psi = 100 psi
Mounting Option:	Stem, Flush U-clamp for panel mounting
Pointer:	Black, aluminum
Dampening:	FlutterGuard™

KEY BENEFITS

- Economic solution for pneumatic receiver gauges
- Sensitive to small pressure changes
- Provides reliability and performance due to its ultra-sensitive system

WETTED COMPONENTS

Diaphragm	Process Connection
Beryllium copper	Brass

NON-WETTED COMPONENTS

Case	Ring/Window
Black, glass filled polysulfone	Threaded polycarbonate, bayonet

MIN/MAX TEMPERATURE LIMITS

Process	Operating
-20°F to 250°F (-29°C to 121°C)	-40°F to 180°F (-40°C to 82°C)

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ORDERING CODE	Example:	35	1495	A	02	B	XUC	3-15#
Dial Size								
25 - 2½"								
35 - 3½"		35						
Model Code								
1495 - Glass filled polysulfone case			1495					
Wetted Material								
A - Beryllium copper brass polysulfone RTV silicone				A				
Process Connection Size								
01 - ½ NPT Male (U-clamp is optional)								
02 - ¼ NPT Male (U-clamp is optional)					02			
HD - ½" Tubing Hose Barb (includes U-clamp/throttle plug not available this OPT.)								
HE - ⅜" Tubing Hose Barb (includes U-clamp/throttle plug not available this OPT.)								
HF - ¼" O.D. Polytube Hose Barb (includes U-clamp/throttle plug not available this OPT.)								
HG - ¼" Tubing Hose Barb (includes U-clamp/throttle plug not available this OPT.)								
HH - ⅜" Tubing Hose Barb (includes U-clamp/throttle plug not available this OPT.)								
Process Connection Location								
B - Center back connection								
D - Connection @ 3 o'clock						B		
E - Connection @ 9 o'clock								
L - Lower connection								
T - Top connection								
Options (If choosing an option(s) must include an "X")							X	
AN - 1% Accuracy								
DA - Dial marking								
EO - External adjustment								
NH - Stainless steel tag								
NN - Paper tag								
TU - Throttle plug (throttle plug must be installed for intermittent or continuous use on natural gas service)								
UC - U-clamp (U-Clamp standard with hose barb connection)							UC	
ZY - FlutterGuard™								
Range								
3-15#- 3-15 psi (Specify scale when ordering)								3-15#
0-10 sq.rt/0-100% (linear dial supplied unless otherwise specified)								

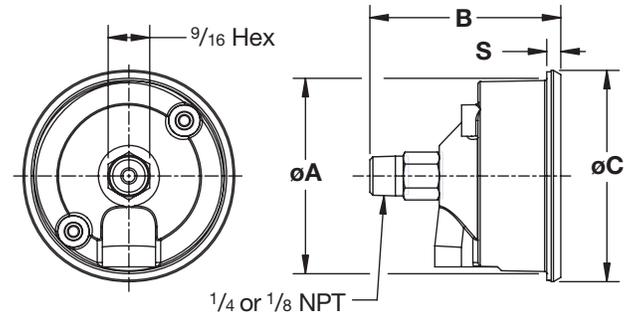
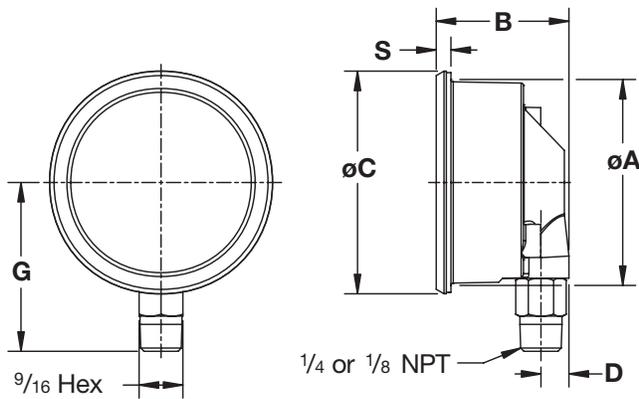
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DIMENSIONS in [] are millimeters

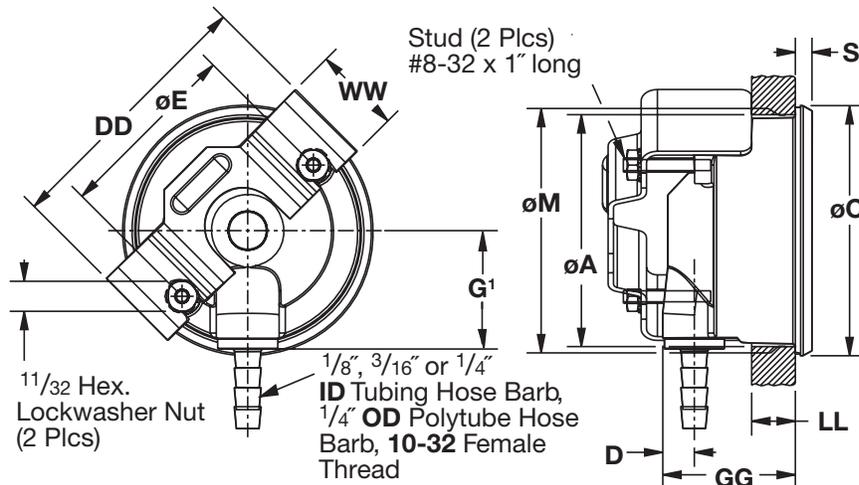
For reference only, consult Ashcroft for specific dimensional drawings

Dial Size (inches)	øA	B	øC	D	G	S
2½	2.59 [66]	1.72 [44]	2.88 [73]	.38 [10]	2.19 [55]	.20 [5]
3½	3.66 [93]	1.69 [43]	3.97 [101]	.38 [10]	2.72 [69]	.20 [5]

Dial Size (inches)	øA	B	øC	S
2½	2.59 [66]	2.59 [66]	2.88 [73]	.20 [5]
3½	3.66 [93]	2.56 [65]	3.97 [101]	.20 [5]



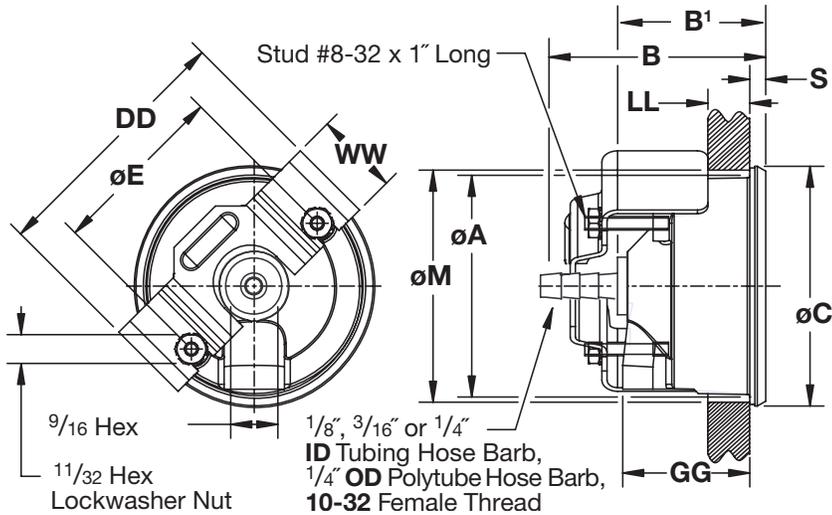
Dial Size (inches)	øA	øC	D	DD	øE	1/8 ID Tubing	3/16 ID Tubing	1/4 ID Tubing	1/4 OD Tubing	G ¹ 10-32 Female	GG	LL Max.	øM	S	WW
2½	2.59 [66]	2.88 [73]	.38 [10]	3.06 [78]	2.13 [54]	1.75 [44]	2.13 [54]	2.28 [54]	1.75 [44]	1.34 [34]	1.59 [40]	.50 [13]	2.66 [67]	.20 [5]	1 [25]
3½	3.66 [93]	3.66 [101]	.38 [10]	4.13 [105]	3.38 [67]	2.31 [59]	2.66 [81]	2.81 [54]	2.31 [59]	1.97 [50]	1.53 [39]	.50 [13]	3.75 [95]	.20 [5]	1 [25]



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Dial Size (inches)	øA	1/8 ID Tubing	3/16 ID Tubing	1/4 ID Tubing	1/4 OD Tubing	B' 10-32 Female	øC	DD	øE	GG	LL Max.	øM	S	WW
2½	2.59 [66]	2.19 [55]	2.53 [64]	2.69 [68]	2.19 [55]	1.78 [45]	2.88 [73]	3.06 [78]	2.13 [54]	1.59 [40]	.50 [13]	2.66 [67]	.20 [5]	1 [25]
3½	3.66 [93]	2.13 [54]	2.50 [63]	2.97 [67]	2.13 [54]	1.72 [44]	3.97 [101]	4.13 [105]	3.19 [81]	1.53 [39]	.50 [13]	3.75 [95]	.20 [5]	1 [25]



U-CLAMP (OPT.)

Dial Size (inches)	øA	B	øC	DD	øE	GG	LL Max.	øM	S	WW
2½	2.59 [66]	2.59 [66]	2.88 [73]	3.06 [78]	2.13 [54]	1.59 [40]	.50 [13]	2.66 [67]	.20 [5]	1 [25]
3½	3.66 [93]	2.56 [65]	3.97 [101]	4.13 [105]	3.38 [67]	1.53 [39]	.50 [13]	3.75 [95]	.20 [5]	1 [25]

