

General Purpose Vacuum Gauge

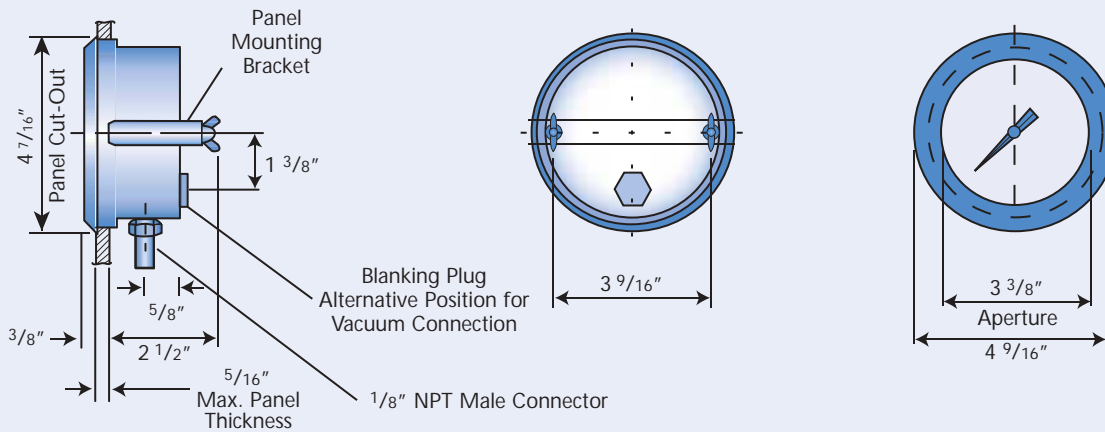
The Busch general purpose vacuum gauge is a mechanical gauge designed to measure absolute pressure in torr. It is of rugged construction, suitable for direct or panel mounting and gives readings that are independent of barometric pressure.

Within the gauge is an evacuated and hermetically sealed aneroid capsule. Variation of pressure causes deformation of the capsule and this movement is transferred

to the pointer by a mechanical linkage with a jewelled movement. The pointer indicates the pressure on a linearly divided scale independently of the external atmospheric pressure. Because the gauge gives a direct measurement of the pressure, it is also independent of the composition of the gas or altitude.

The standard gauge is made of an aluminum alloy with an "O" ring sealed tempered glass face.

The capsule assembly and linkage mechanism are in phosphor bronze or brass. The dial plate and pointer are aluminum.



Technical Data			
Model	B-40	B-100	B-760
Range	0-40 torr	0-100 torr	0-760 torr
Graduations	1 torr	2 torr	10 torr
Accuracy	$\pm 2\%$ of full scale deflection	$\pm 2\%$ of full scale deflection	$\pm 2\%$ of full scale deflection
Length of scale	7.20 inches	7.20 inches	7.20 inches
Internal volume	9.3 in ³	9.3 in ³	9.3 in ³
Weight	1.25 lbs.	1.25 lbs.	1.25 lbs.

