



P421 models are designed for non-corrosive environment with extremely sensitive and accurate. The brass chamber element is designed to measure low pressure, compound and vacuum for gaseous and dry air media from as low as 30mbar. P421 model is complete with external zero adjustment screw at its back case for easy re-calibration when necessary.

Standard Specification

Model	: P421
Dial Size	: 3" (75mm)
Case / Cover	: Cr plated steel
Window	: Glass
Movement	: Brass
Element, Capsule Type	: Brass
Connection	: Cr plated brass
Accuracy	: + / - 1.5% of FS
Working Pressure	: Max 75% of FS
Ambient Temperature	: -20 ~ +60 °C
Process Temperature	: -5 ~100 °C
Zero Adjustment	: At back case

LOW PRESSURE GAUGE

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MODEL
P421

MOUNTING TYPE (REFER TO DIMENSION)

A: Direct bottom connection

DIAL SIZE

3"

RANGE (REFER PRESSURE TABLE)

STANDARD CONNECTION TYPE

3/8" BSPT (3" Dial)

SAMPLE OF ORDERING

P 4 2 1

A

3"

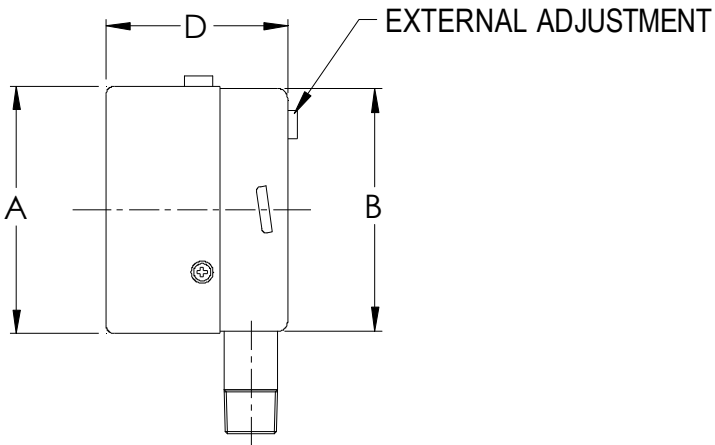
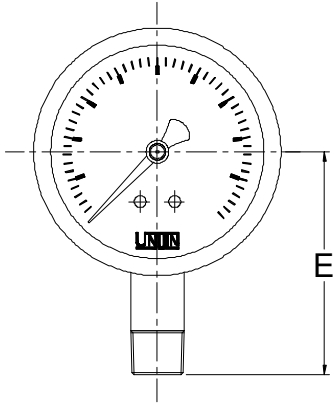
0~300mbar

3/8" BSPT

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LOW PRESSURE GAUGE

CODE A



Scale (mm)

DIAL SIZE	CODE	A	B	D	E
Ø75	A	78.3	76.5	57.0	69.75

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LOW PRESSURE GAUGE

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STANDARD AVAILABLE RANGES

GAUGE	RANGE (mbar / mm H ₂ O)	Dial size
		3"
VACUUM	-300mbar / mmH ₂ O ~ 0	0
	-300mbar / mmH ₂ O ~ 0	0
	-150mbar / mmH ₂ O ~ 0	0
	-100mbar / mmH ₂ O ~ 0	0
	-50mbar / mmH ₂ O ~ 0	0
	-40mbar / mmH ₂ O ~ 0	0
	-30mbar / mmH ₂ O ~ 0	0
COMPOUND	-150 ~ 150mbar / mmH ₂ O	0
	-100 ~ 100mbar / mmH ₂ O	0
	-50 ~ 50mbar / mmH ₂ O	0
	-30 ~ 30mbar / mmH ₂ O	0
PRESSURE	0 ~ 30mbar / mmH ₂ O	0
	0 ~ 50mbar / mmH ₂ O	0
	0 ~ 100mbar / mmH ₂ O	0
	0 ~ 150mbar / mmH ₂ O	0
	0 ~ 200mbar / mmH ₂ O	0
	0 ~ 300mbar / mmH ₂ O	0
	0 ~ 400mbar / mmH ₂ O	0
	0 ~ 500mbar / mmH ₂ O	0

X : Not Available O : Available

**Note: Due to ongoing and development, technical information could changed without notice

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