



CASE - Black die cast aluminum, blow out disc standard.
RING - Black aluminum twist ring, glass window.
TUBE - Phosphor bronze.
SOCKET - <0.25% Lead Free Brass.
SOLDER CONNECTION - Lead Free.
CONNECTION - 1/4" NPT Lower.
DIAL - White coated metal lithographed with black graduations lines and numerals.
MOVEMENT - All brass construction, precision gear and pinion.
POINTER - Slotted adjustable.
ACCURACY ±1% of span- ANSI-ASME B40.1 Grade 1A.
CERTIFICATION - UL in accordance with NSF/ANSI 372/61
OPTIONS - Red set hand
OPERATING TEMPERATURE
 Ambient: -40°F to 140°F (-40°C to 60°C)
 Media: 140°F (+60°C) maximum

SERIES		A	B	E	L	NPT
4CTN-1	INCH	4.80	1.46	.85	.40	1/4"
	MM	122.9	37.1	21.6	10.2	

QTY.	CAT. NO.	DIAL DIA.	RANGE	TAG
	4CTN-1	4 1/2"		
	4CTN-1	4 1/2"		
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	4CTN-1	4 1/2"		
	4CTN-1	4 1/2"		

PRESSURE (psi) - Series 4CTN-1

Range*	Figure interval	Minor graduation
0-15	1	0.2
0-30	5	0.5
0-60	5	1.0
0-100	10	1.0
0-160	20	2.0
0-200	20	2.0
0-300	50	5.0
0-400	50	5.0
0-600	50	10.0

COMPOUND

Range	Figure interval		Minor graduation	
	in Hg	psi	in Hg	psi
30"Hg - 15psi	10	5	1	0.5
30"Hg - 30psi	10	5	2	1
30"Hg - 60psi	10	10	2	2
30"Hg-100psi	15	10	5	2
30"Hg-150psi	30	20	5	2
30"Hg-200psi	30	40	5	5
30"Hg-300psi	30	50	10	5

VACUUM

Range	Figure interval	Minor graduation
0-30"Hg	5"Hg	0.5"Hg

* All dial ranges available in dual scale - psi & Kpa, psi & bar, psi & Kg/cm2. Ranges 15psi thru 300psi available dual scale - psi & Ft H₂O.

CUSTOMER _____
 PROJECT _____
 ENGINEER _____
 PRO or P.O. NO. _____



WEISS INSTRUMENTS, LLC.
 HOLTSTVILLE, NEW YORK 11742

DESCRIPTION:

**4 1/2" HVAC Pressure Gauge
 Series 4CTN-1**

DRAWN BY: _____ DATE: _____ DRAWING: _____