

### SPECIFICATIONS

- CASE: 4.5" Drawn stainless steel
- WINDOW: Lexan, push-in type
- TUBE: Phosphor bronze
- SOCKET: <0.25% Lead Free Brass, Lead Free soldered connection
- DIAL: White coated metal lithographed with black graduations lines and numerals
- MOVEMENT: All brass construction, precision gear and pinion
- POINTER: Slotted adjustable
- ACCURACY:  $\pm 1.0\%$  ASME B40.100 Grade 1A
- CONNECTION: 1/4 NPT Lower
- CERTIFICATION: UL in accordance with NSF/ANSI 372/61, for use with Potable Water
- RANGES: Vacuum, Compound, Pressure to 600 psi
- OPERATING TEMPERATURE
  - PROCESS:  $-40-180^{\circ}\text{F}$  ( $-40-85^{\circ}\text{C}$ )
  - AMBIENT:  $-40-140^{\circ}\text{F}$  ( $-40-60^{\circ}\text{C}$ )

This series of gauges is intended for general service conditions, for pressure or vacuum on air, oil, water, gas or other media that do not attack brass.

Weiss gauges should always be installed with a shut-off valve for gauge removal. For applications with pressure spikes, surges or pulsations, a pressure snubber should be installed in conjunction with the gauge. For steam service, the gauge should be protected by excessive temperature by installing a coil type syphon.

### FEATURES

- 4.5" Dial
- Stainless Steel Case
- $\pm 1.0\%$  Accuracy



### MARKETS

- Commercial & Institutional HVAC Systems
- Hot & Chilled Water Applications
- Pumps
- Glycol Systems
- Plumbing Systems
- Boilers

# 4CTS-1 Series

## STANDARD RANGES

Code	PSI Range	Figure Interval	Minor Graduation
015	0/15 psi	1	0.2
030	0/30 psi	5	0.5
060	0/60 psi	5	1
100	0/100 psi	10	1
160	0/160 psi	20	2
200	0/200 psi	20	2
300	0/300 psi	50	5
400	0/400 psi	50	5
600	0/600 psi	50	10
VAC	30" Hg/0	5" Hg	0.5" Hg
V15	30" Hg/0/15 psi	10" Hg/5 psi	1" Hg/0.5 psi
V30	30" Hg/0/30 psi	10" Hg/5 psi	2" Hg/1 psi
V60	30" Hg/0/60 psi	10" Hg/10 psi	2" Hg/2 psi
V100	30" Hg/0/100 psi	15" Hg/10 psi	5" Hg/2 psi
V150	30" Hg/0/150 psi	30" Hg/20 psi	5" Hg/2 psi
V200	30" Hg/0/200 psi	30" Hg/40 psi	5" Hg/5 psi
V300	30" Hg/0/300 psi	30" Hg/50 psi	10" Hg/10 psi

## OPTIONS (consult factory)

- Red Set Hand
- Dual Scale Ranges
  - PSI & kPa
  - PSI & BAR
  - PSI & Kg/cm<sup>2</sup>
- Altitude Ranges
  - PSI & FT/H<sub>2</sub>O
- Custom Dial Markings
- Blister Packaging

## ORDERING CODES

Model	-	Range	-	Connection
4CTS-1	-	Range Code from table above	-	4L ¼ NPT Lower