

STANDARD PATTERN BRONZE WATER GAUGES

Use for all types of liquid level verification; available with 3/8" or 1/2" NPT male pipe connections. Aluminum or plastic composition hand wheels; EPDM gauge glass gaskets standard. Other glass gaskets available.

DESCRIPTION

- Ball checks standard on **20-150** models
- Equipped with two copper guard rods
- Standard 1/4" needle drain valve in lower arm
- Rated: 125 psig @ 350°F, 300 psig @ 100°F (See note!)
- CRN Registered

Model Number	Pipe Size (in.)	Glass O.D. & Length	Wt./100 (lbs.)	Wheel Type
20-101	3/8	5/8 x 10	145	ALUMINUM
20-102	3/8	5/8 x 10	145	COMPOSITION
20-104	1/2	5/8 x 12	160	ALUMINUM
20-105	1/2	5/8 x 12	160	COMPOSITION
20-150	1/2	5/8 x 12	160	ALUMINUM
20-151	1/2	5/8 x 12	160	COMPOSITION

Note: Service ratings are subject to pressure/temperature ratings of gauge glass and glass gaskets.

20-100 & 20-150 SERIES



HEAVY PATTERN BRONZE WATER GAUGES

All standard 20 Series features but with a heavier valve body pattern for higher service ratings.

DESCRIPTION

- Available with 3/8", 1/2" and 3/4" MNPT fittings
- Ball checks standard on **20-250** models
- Polished finish on **25-200** valves
- Rated: 200 psig @ 400°F, 400 psig @ 100°F (See note!)
- CRN Registered

Model Number	Pipe Size (in.)	Glass O.D. & Length	Wt./100 (lbs.)	Wheel Type
20-201	3/8	5/8 x 10	185	ALUMINUM
20-202	3/8	5/8 x 10	189	COMPOSITION
20-204	1/2	5/8 x 12	205	ALUMINUM
20-205	1/2	5/8 x 12	205	COMPOSITION
20-207	3/4	3/4 x 16	270	ALUMINUM
20-208	3/4	3/4 x 16	270	COMPOSITION
20-250	1/2	5/8 x 12	195	ALUMINUM
20-251	1/2	5/8 x 12	200	COMPOSITION
20-253	3/4	3/4 x 16	355	ALUMINUM
20-254	3/4	3/4 x 16	360	COMPOSITION
25-201	3/8	5/8 x 10	180	ALUMINUM
25-202	3/8	5/8 x 10	185	COMPOSITION
25-204	1/2	5/8 x 12	190	ALUMINUM
25-205	1/2	5/8 x 12	190	COMPOSITION
25-207	3/4	3/4 x 16	290	ALUMINUM
25-208	3/4	3/4 x 16	295	COMPOSITION

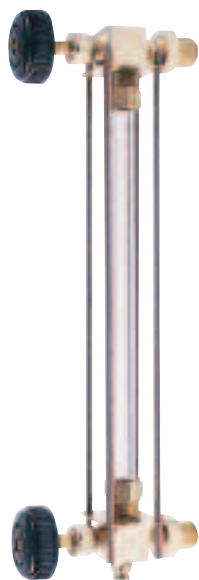
Note: Service ratings are subject to pressure/temperature ratings of gauge glass and glass gaskets.

20-200, 20-250 & 25-200 SERIES



Water Gauges & Accessories

20-300, 20-350,
25-400 & 25-500 SERIES



SQUARE PATTERN BRONZE WATER GAUGES

Available with 1/2" (ASTM B-16 brass bar stock) or 3/4" (B-584 cast bronze) NPT male pipe connections. Four guard rods and EPDM gauge glass gaskets standard. Other glass gaskets available.

DESCRIPTION

- Standard 1/4" needle drain valve in lower arm
- Pet cock or Apollo® ball valve drain on request
- Polished finish on **25-400** and **25-500**
- Ball checks standard on **20-350** and **25-500**
- Rated: 200 psig @ 400°F, 400 psig @ 100°F except for **25-400** (See note!)
- **25-400** Rated=125 psig@350°F, 300 psig@100°F (See note!)
- CRN Registered

Model Number	Pipe Size (in.)	Glass O.D. & Length	Wt./100 (lbs.)	Wheel Type
20-304	1/2	5/8 x 12	260	ALUMINUM
20-305	1/2	5/8 x 12	270	COMPOSITION
20-307	3/4	3/4 x 16	345	ALUMINUM
20-308	3/4	3/4 x 16	365	COMPOSITION
20-350	1/2	5/8 x 12	265	ALUMINUM
20-351	1/2	5/8 x 12	265	COMPOSITION
20-353	3/4	3/4 x 16	360	ALUMINUM
20-354	3/4	3/4 x 16	365	COMPOSITION
25-404	1/2	5/8 x 12	285	ALUMINUM
25-405	1/2	5/8 x 12	285	COMPOSITION
25-407	3/4	3/4 x 16	350	ALUMINUM
25-408	3/4	3/4 x 16	350	COMPOSITION
25-501	1/2	5/8 x 12	290	ALUMINUM
25-502	1/2	5/8 x 12	290	COMPOSITION
25-504	3/4	3/4 x 16	355	ALUMINUM
25-505	3/4	3/4 x 16	355	COMPOSITION

Note: Service ratings are subject to pressure/temperature ratings of gauge glass and glass gaskets.

20-400 & 20-410 SERIES



SIDE MOUNTED HANDWHEEL WATER GAUGES

Side-mounted handwheels allow water gauge operation in hard-to-reach places; with all the **20 Series** design features.

DESCRIPTION

- Ideal for concealed jacketed type boilers
- No guard rod brackets: **20-405, 20-406, 20-410**
- Brackets and guard rods standard: **20-407, 20-408**
- EPDM standard gauge glass gasket
- Compact - requires minimum space
- Standard 1/4" needle drain valve
- Rated: 125 psig @ 350°F, 300 psig @ 100°F (See note!)
- 1-1/4" Extended shank length; 20-410
- CRN Registered

Model Number	Pipe Size (in.)	Glass O.D. & Length	Wt./100 (lbs.)	Wheel Type
20-405-00 RH	1/2	5/8 x 12	165	ALUMINUM
20-406-00 LH	1/2	5/8 x 12	165	ALUMINUM
20-407-00 RH	1/2	5/8 x 12	170	ALUMINUM
20-408-00 LH	1/2	5/8 x 12	170	ALUMINUM
20-410-00 LH	1/2	5/8 x 12	180	ALUMINUM

Note: Service ratings are subject to pressure/temperature ratings of gauge glass and glass gaskets.

20-700 & 20-710 SERIES

SIMPLE EXPANSION TANK GAUGES

Available with 3/8" or 1/2" MNPT connections; EPDM gauge glass gaskets and 1/4" needle drain valve in lower arm are both standard.

DESCRIPTION

- 20-710 has plug in top arm to insert glass straight through
- 1/4" pet cock or Apollo® ball valve optional
- Ball checks on request (20-704 only)
- Rated: 125 psig @ 350°F, 300 psig @ 100°F (See note!)
- CRN Registered

Model Number	Pipe Size (in.)	Glass O.D. & Length	Wt./100 (lbs.)
20-703-00	3/8	5/8 x 10	120
20-704-00	1/2	5/8 x 12	135
20-713-00	3/8	5/8 x 10	120
20-714-00	1/2	5/8 x 12	135

Note: Service ratings are subject to pressure/temperature ratings of gauge glass and glass gaskets.



STAINLESS STEEL EXPANSION TANK GAUGES

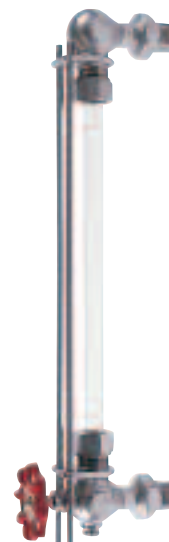
Holds all 316 stainless steel-compatible liquids. In lower arm: shut-off valve and stainless steel drain valve.

DESCRIPTION

- Two stainless steel guard rods
- Rated: 250 psig at 406°F: maximum working pressure (See note!)
- Standard PTFE reinforced gauge glass gaskets
- High pressure glass standard
- CRN Registered

Model Number	Pipe Size (in.)	Glass O.D. & Length	Wt./100 (lbs.)	Wheel Type
23-651-00	1/2	5/8 x 12	225	ALUMINUM
23-654-00	3/4	5/8 x 12	225	COMPOSITION

Note: Service ratings are subject to pressure/temperature ratings of gauge glass and glass gaskets.



23-600 SERIES

Water Gauges & Accessories

20-600 & 20-800 SERIES



BRONZE EXPANSION TANK GAUGES

Bottom arm shut-off valve prevents water leaks during gauge glass changes.

DESCRIPTION

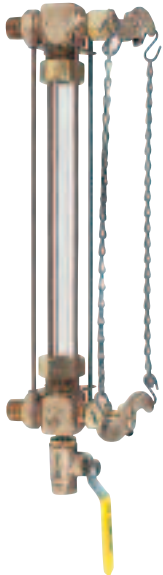
- EPDM standard gauge glass gasket
- 20-800 models: 1/4" NPT pipe thread in upper arm for pressure gauge standard
- Rated: 200 psig @ 400°F, 400 psig @ 100°F (See note!)
- CRN Registered

Model Number	Pipe Size (in.)	Glass O.D. & Length	Wt./100 (lbs.)	Wheel Type
20-604-00*	1/2	5/8 x 12	155	ALUMINUM
20-605-00*	1/2	5/8 x 12	175	COMPOSITION
20-804-00*	1/2	5/8 x 12	160	ALUMINUM
20-805-00*	1/2	5/8 x 12	160	COMPOSITION

*Automatic model

Note: Service ratings are subject to pressure/temperature ratings of gauge glass and glass gaskets.

24-600 & 24-650 SERIES



CHAIN LEVER WATER GAUGES

Lever on standard 12-foot chain allows operator to open and close valves that would be beyond reach. Valve stems operate on quarter-turns.

DESCRIPTION

- Rated 250 psig @ 400°F, 500 psig @ 100°F (See note!)
- Use on large boilers with inconvenient columns
- Automatic and non-automatic models
- Furnished with 12 feet of chain and 5/16" diameter full-blow valve with safety handle
- High pressure glass standard with the 24 series
- CRN Registered
- Standard PTFE reinforced gauge glass gasket

Model Number	Pipe Size (in.)	Glass O.D. & Length	Wt./100 (lbs.)
24-601-00	1/2	5/8 x 12	515
24-602-00	3/4	3/4 x 16	580
24-651-00*	1/2	5/8 x 12	515
24-652-00*	3/4	3/4 x 16	580

* Automatic model

Note: Service ratings are subject to pressure/temperature ratings of gauge glass and glass gaskets.

CHAIN LEVER WATER GAUGES

Lever on standard 12-foot chain allows operator to open and close valves that would be beyond reach. Valve stems operate on quarter-turns.

DESCRIPTION

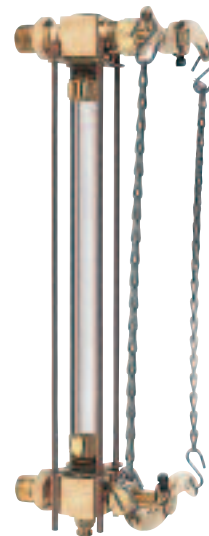
- Quick opening, non-automatic
- Service rating: 250 psig @ 400°F, 500 psig @ 100°F (See note!)
- EPDM standard gauge glass gasket
- Standard 1/4" needle drain valve
- Furnished with 12 feet of chain
- H-2485 pull handle available
- CRN Registered

Model Number	Pipe Size (in.)	Glass O.D. & Length	Wt./100 (lbs.)
25-601-00*	1/2	5/8 x 12	335
25-602-00*	3/4	3/4 x 16	350
20-601-00**	1/2	5/8 x 12	370
20-602-00**	3/4	3/4 x 16	435

* Polished Finish

Note: Service ratings are subject to pressure/temperature ratings of gauge glass and glass gaskets.

** Ball valve not included. Includes 1/4" needle drain.



BRONZE LIQUID LEVEL GAUGES

Automatic and non-automatic direct reading gauges in shank pipe sizes 1/2" and 3/4".

DESCRIPTION

- Heavy pattern bronze valve body
- Guard rod bracket to accommodate four guard rods
- PTFE reinforced gauge glass gasket and stem packing are standard
- Rated 250 psig @ 400°F, 500 psig @ 100°F (See note!)
- Automatic - conforms to ASME power boiler code requirements for automatic water gauges; ball checks in upper and lower arms
- High pressure gauge glass and gaskets are standard
- CRN Registered

	Model Number	Pipe Size (in.)	Glass O.D. & Length	Wt./100 (lbs.)	Wheel Type
Non-Automatic	24-301-00	1/2	5/8 x 12	425	ALUMINUM
	24-302-00	1/2	5/8 x 12	425	COMPOSITION
	24-304-00	3/4	3/4 x 16	490	ALUMINUM
	24-305-00	3/4	3/4 x 16	490	COMPOSITION
Automatic	24-350-00	1/2	5/8 x 12	425	ALUMINUM
	24-351-00	1/2	5/8 x 12	425	COMPOSITION
	24-353-00	3/4	3/4 x 16	490	ALUMINUM
	24-354-00	3/4	3/4 x 16	490	COMPOSITION

Note: Service ratings are subject to pressure/temperature ratings of gauge glass and glass gaskets.



Water Gauges & Accessories

21 SERIES



ROUGH BRONZE WATER GAUGES WITH EXTENDED SHANK

Available with 3/8" or 1/2" MNPT connections; EPDM gauge glass gaskets and 1/4" needle drain valve in lower arm are both standard.

DESCRIPTION

- 1-3/4" standard shank length; for 1-1/4" shank length, use - 07 suffix
- **21-100** rated 125 psig @ 350°F, 300 psig @ 100°F
- **21-200** rated 200 psig @ 400°F, 400 psig @ 100°F (See note!)
- CRN Registered
- Equipped with two copper guard rods

Model Number	Pipe Size (in.)	Glass O.D. & Length	Wt./100 (lbs.)	Wheel Type
21-101	3/8	5/8 x 10	163	ALUMINUM
21-102	3/8	5/8 x 10	175	COMPOSITION
21-104	1/2	5/8 x 12	185	ALUMINUM
21-105	1/2	5/8 x 12	197	COMPOSITION
21-150*	1/2	5/8 x 12	195	ALUMINUM
21-151*	1/2	5/8 x 12	207	COMPOSITION
21-204	1/2	5/8 x 12	215	ALUMINUM
21-205	1/2	5/8 x 12	219	COMPOSITION
21-250*	1/2	5/8 x 12	215	ALUMINUM
21-251*	1/2	5/8 x 12	215	COMPOSITION

* Automatic Model

Note: Service ratings are subject to pressure/temperature ratings of gauge glass and glass gaskets.

23-400 & 23-450 SERIES



STAINLESS STEEL LIQUID LEVEL GAUGES

Ideal for handling alcohol solvents, acetic acid and ketones. Automatic models conform to ASME requirements; aluminum and composition handwheels.

DESCRIPTION

- PTFE reinforced gauge glass gaskets, stem packings
- Chemical resistant PTFE seat
- 5/16" diameter full flow all SS drain valve with safety handle
- Guard rod bracket to accommodate four SS guard rods
- Rated 500 psig @ 450°F (See note!)
- High pressure gauge glass standard
- CRN Registered

	Model Number	Pipe Size (in.)	Glass O.D. & Length	Wt./100 (lbs.)	Wheel Type
Non-Automatic	23-401-00	1/2	5/8 x 12	385	ALUMINUM
	23-402-00	1/2	5/8 x 12	385	COMPOSITION
	23-404-00	3/4	3/4 x 16	450	ALUMINUM
	23-405-00	3/4	3/4 x 16	450	COMPOSITION
Automatic	23-450-00	1/2	5/8 x 12	390	ALUMINUM
	23-451-00	1/2	5/8 x 12	390	COMPOSITION
	23-453-00	3/4	3/4 x 16	455	ALUMINUM
	23-454-00	3/4	3/4 x 16	455	COMPOSITION

Note: Service ratings are subject to pressure/temperature ratings of gauge glass and glass gaskets.

TUBULAR GAUGE GLASS PROTECTOR

Reduces risk of injury and damage from broken exploding glass; maximum length: 50".

DESCRIPTION

- No. I-2733* 5/8" Glass Protector
- No. I-2734* 3/4" Glass Protector
- Made to fit most water gauges
- Not available on **23-400, 23-650, 24-300, 24-600** models
- CRN Registered

*Note: Water gauge part number and centerline length are required when ordering.
Priced according to length and application.*

