### JACOBY-TARBOX®

A PRODUCT OF CLARK-RELIANCE

# Full-View Sight Flow Indicator Threaded Bulls-Eye Models

150 psig Nominal Rated & ASME Class 150

Section: T100 Bulletin: T100.10 Date: 12/2017 Supersedes: 08/2003

Jacoby-Tarbox's line of threaded bulls-eye sight flow indicators are engineered per the design criteria of ASME B31.1 & B31.3, Power and Process Piping Codes, incorporating the listed ASTM materials for all metals in the unit construction. Two families are available, one for nominally rated systems up to 150 PSIG and a second for full ASME rated systems.

### "Out-of-the-box Compliance"

**ASME** B31.1 & B31.3 **CRN** – All Provinces **API 614** 

NACE MR0175 / ISO15156-1 MRO103\*

**PED** (Specify when ordering for proper tagging)

\*All Wetted Metals

#### **Process View Maximized**

View matches or exceeds pipe inside diameter, allowing 100% unobstructed process observation of liquids, slurries, gases and solids.

#### **Minimal Pressure Drop**

Non-rotor models have unrestricted flow as all internal openings are no smaller than the pipe's inside diameter.

**Safely View** process properties such as color, clarity, air entrainment, and interface.

**Economically View** drain, lube, hydraulic, condensate, food and return lines.



#### **Standard Features:**

- Single Window (1 per side / 2 total)
- Cast Body
- 100% Hydrotest (See schedule T100.35)

#### Window and Shield Options (SA Only):

- FM Approved dual window tempered borosilicate (2 per side / 4 total)
- UniShield® Window Protection bonded PFA shielding for chemical resistance
- UniGlas® fused safety windows

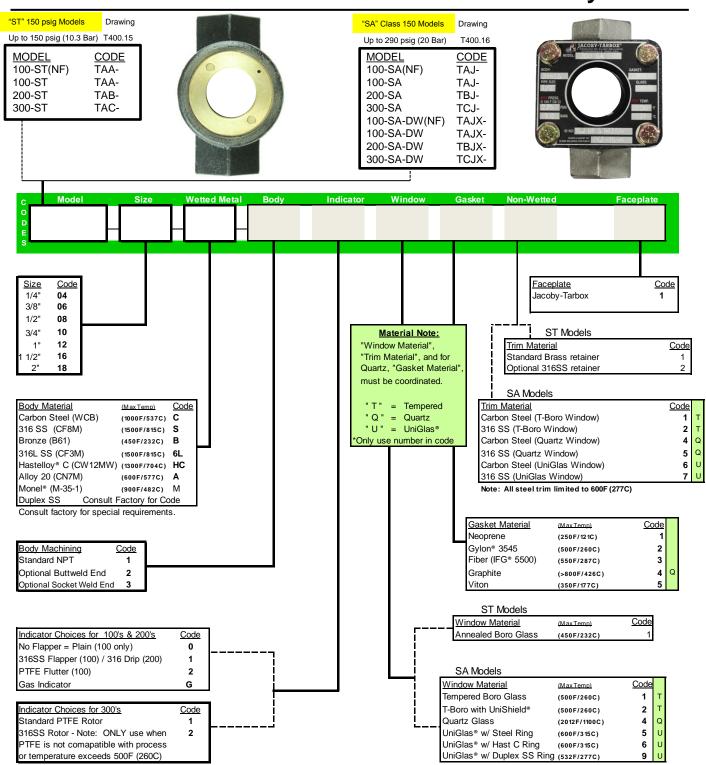
\*Over 35 years without a single failure – ask us for details.

(ST Models Shown)	Plain	Flapper	Rotor	Drip	Gas Indicator
150 psig	100-ST(NF)	100-ST	300-ST	200-ST	100-ST-GI
Class 150	100-SA(NF)	100-SA	300-SA	200-SA	100-SA-GI
Indicator	None	Weighted Flapper With 316 pin	PTFE Rotor With 316 pin	316 Drip Tube	Ultralight Weight PTFE Indicator With 316 Mount
Flow	Bi- Directional	Uni- Directional	Bi- Directional	Uni- Directional ←	Uni- Directional
Orientation	Horizontal or Vertical	Horizontal or Vertical Upward	Horizontal or Vertical	Vertical Downward or Horizontal	Horizontal or Vertical Upward
Application	Observe presence or absence of fluid	Judge flow changes by flapper position	Indicates relative process velocity by rotation speed	Condensing gasses (drip) or partially full liquid lines	Gas flows. Low velocity liquid flow in full lines

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#### **Rating Notes:**

**Design Temperature:** Unit Temperature rating based on the lowest "Max Temperature" of selected components (ie. body, glass, gaskets) **Design Pressure:** Actual Unit Pressure rating based on body material as defined by ASME B16.5 material group.