JACOBY·TARBOX®

Full-View Sight Flow Indicator Flanged Bulls-Eye Models

Section: T100 Bulletin: T100.20 Date: 01/2024 Supersedes: 12/2017

PRODUCT OF CLARK-RELIANCE

150 ASME Class

Jacoby-Tarbox's full ASME rated line of flanged bullseye sight flows have been engineered per the design criteria of the ASME B31.1 & 31.3 Power & Chemical Piping Codes, incorporating all ASTM listed materials for the pressure retaining components: bodies, fasteners, and retainers. This standard setting group of features include full ASME code compliance with regards to yield criteria, materials, and pressure / temperature ratings.

"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 tempered borosilicate (1 per side / 2 total)
- Body with integrally cast ASME flanges up to 8" (DN 200)
- 100% Hydrotest (See schedule T100.35)

Window and Shield Options:

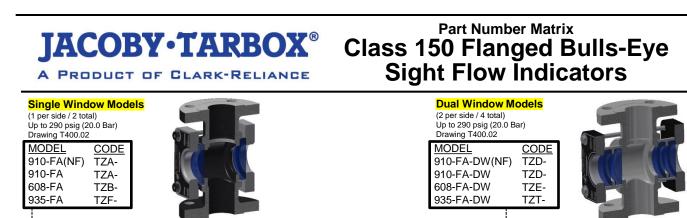
- FM Approved dual window tempered borosilicate (2 per side / 4 total)
- UniShield[®] Window Protection bonded PFA shielding for chemical resistance
- UniGlas[®] fused safety windows*

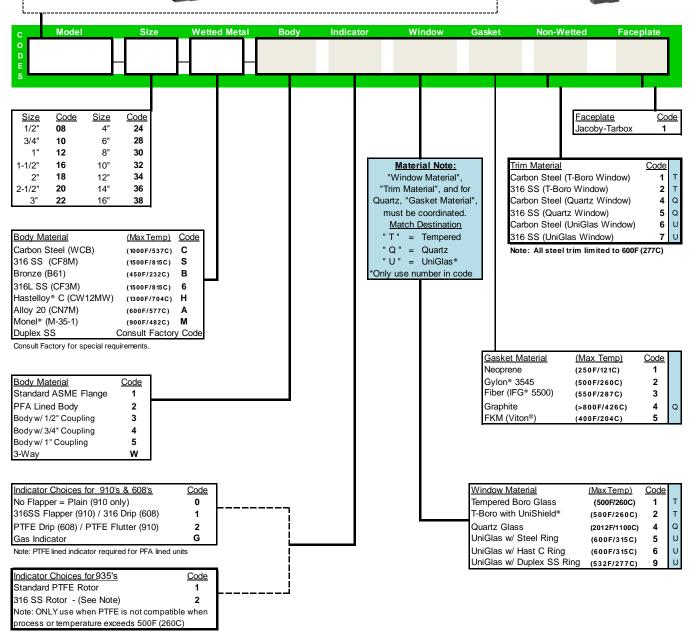
* Over 35 years without a single failure – ask us for details.

	Plain		Flapper		Rotor		Drip		Gas Indicator	
Class 150	910-FA(NF)		910-FA		935-FA		608-FA		910-FA-GI	
Indicator	None		316 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	t	Bi- Directional		Uni- Directional	t	Uni- Directional	-
Orientation	Horizontal or Vertical	+	Horizontal or Vertical Upward	1	Horizontal or Vertical	+	Vertical Downward or Horizontal	Ŧ	Horizontal or Vertical Upward	,1 ,
Application	Observe presence or absence of fluid		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.