



Wall Post Indicator

Fig. 102

Product Description

Rapidrop Fig.102 Wall Post Indicator provides a means to operate an inaccessible post indicator gate valve (PIV) and is able to indicate the open or shut position of the valve. Indicator is supplied as standard with a 1000 mm long stem bar which provides a 700 mm adjustment range. Handwheel can be fixed with a chain and a padlock to prevent unauthorised operation of the valve.

Installation

Ensure that the post indicator valve is in the fully open position before installing the Wall Post Indicator.

1. Remove the bolts (4) and slide the top cup (5) off of the wall post indicator body (1).
2. Remove stem (20), coupling locking pin (21) and coupling (22) assembly
3. Mark and cut a (d=130mm~170mm) hole through the wall and drill 4 equally spaced holes on a 267 mm bolt circle (10.5") using a 19mm (¾") drill bit. The hole and the bolt circle must be concentric with the operating nut of the post indicator valve.
4. Put the flange of the Wall Post Indicator to the mounting wall and secure it using 4 bolts & nuts (18 & 19).
5. Slide the stem (20), coupling locking pin (21) and coupling (22) assembly through the wall post indicator body (1) and the wall. Ensure that the coupling (22) fully engages with the operating nut of the non-rising stem gate valve.
6. Mark the stem (20) at least 32mm (1.25") below the top surface of the body (1) but not more than 50mm (2") above the top surface of the body (1).
7. Cut the stem at the mark made in the previous step.
8. Adjust the target plates so the "Open" plates (15) are centred in the window (12) when the post indicator valve is in the fully open position and the "Shut" plates (15) are centred in the window (12) when the post indicator valve is fully closed.
9. Insert the top cup (5) back onto the body (1) such that the ears on either side of the target nut fit into the grooves on the inside edges of the body (1).
10. Verify that the "Open" and "Shut" plates (13) are in the proper position by fully opening and closing the post indicator valve using the handwheel (6), adjust if necessary.

Coating

Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550

Note: Some degradation of the painted/coated surfaces may occur due to factors such as UV exposure or varying weather which will not affect the performance of the wall post indicator.



Mounting Flange

305mm / 12" diameter flange for valve mounting,

Approvals

UL Listed

FM Approved

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Part No.	Description	Material
1	Body	Cast Iron
2	Plug	Malleable Iron Galvanized
3	Square Nut	Carbon Steel Zinc Plated
4	Hex Bolt	Carbon Steel Zinc Plated
5	Top Cup	Cast Iron
6	Hand wheel	Ductile Iron
7	Eye Bolt	Carbon Steel Zinc Plated
8	Washer	Carbon Steel Zinc Plated
9	Retaining Ring	Stainless Steel
10	Operating Nut	Stainless Steel
11	Window Gasket	PTFE

Part No.	Description	Material
12	Window	Plexiglass
13	Open/Shut Target Plates	Cast Aluminium
14	Hex Bolt	Carbon Steel Zinc Plated
15	Hex Bolt	Carbon Steel Zinc Plated
16	Hex Nut	Carbon Steel Zinc Plated
17	Target Carrier Nut	Stainless Steel
18	Hex Nut	Carbon Steel Zinc Plated
19	Hex Bolt	Carbon Steel Zinc Plated
20	Stem 1" Square	Carbon Steel
21	Coupling Locking Pin	Stainless Steel
22	Coupling	Ductile Iron

