



The American 5100 Vertical Post Indicator is a critical component of fire protection systems, designed to provide a visual indication of the status of fire protection valves such as post indicator valves. These valves are commonly found in fire sprinkler systems, hydrant systems, and standpipe systems within buildings and industrial facilities. The VPI plays a crucial role in ensuring the efficient operation of these systems during fire emergencies.

SPECIFICATIONS

- Clearly displays valve status (open or shut) for operational awareness
- Enables remote operation of buried or hard-to-reach valves
- Secure design with a padlock-compatible wrench handle fitting over a "u" bracket
- Simplified installation with adjustable telescoping stem, eliminating the need for field cutting
- Easily customizable open and shut signs by removing the post head
- Compatible with gate valves sizes ranging from 4" to 12"
- UL listed and FM approved

CORROSION PROTECTION

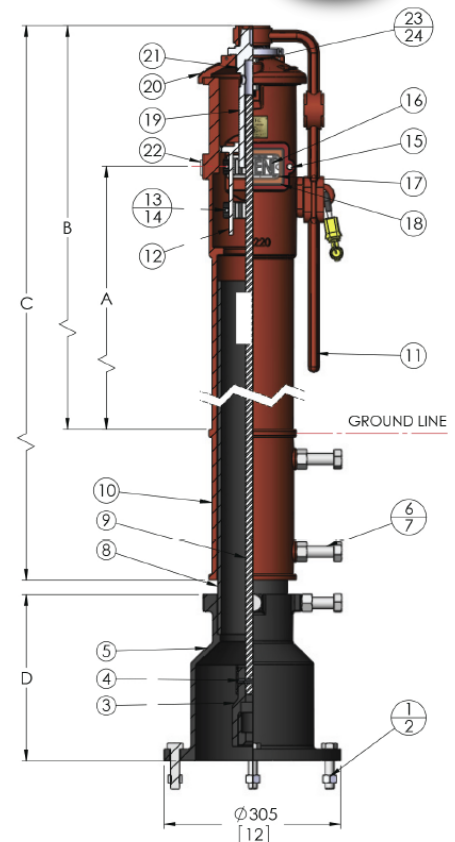
- Internally and externally spray epoxy painted ral3000

FIELD ADJUSTMENT

- Remove post head to adjust open and shut signs as required
- Adjust telescoping stem and pipe to desired length
- Attach base of post to the post plate on the valve using bolts/nuts provided

PART LIST

No.	Part Name	Specification/Material
1	Hex Cap Screw	Carbon Steel ASTM A307B
2	Hex Nut	Carbon Steel ASTM A307B
3	Crane Coupling	Ductile Iron ASTM A536 Gr. 65-45-12
4	Cotter Pin	Carbon Steel ASTM A307B
5	Base Flange	Cast Iron ASTM A126 Class B
6	Hex Nut	Carbon Steel ASTM A307B
7	Hex Cap Screw	Carbon Steel ASTM A307B
8	Standpipe	Carbon Steel ASTM A53
9	Stem 1" Square	Carbon Steel AISI 1045
10	Body	Cast Iron ASTM A126 Class B
11	Locking Wrench	Ductile Iron ASTM A536 Gr. 65-45-12
12	Target Carrier Nut	Stainless Steel AISI 304
13	Hex Cap Screw	Carbon Steel ASTM A307B
14	Hex Nut	Carbon Steel ASTM A307B
15	Hex Cap Screw	Carbon Steel ASTM A307B
16	Target	Cast Aluminum
17	Window Glass	Plexiglass
18	Gasket	EPDM ASTM D2000
19	Operating Nut	Stainless Steel AISI 304
20	Top Section	Cast Iron ASTM A126 Class B
21	Snap Ring	Spring Steel
22	Plug	Carbon Steel ASTM A307B
23	Square Nut	Carbon Steel ASTM A307B
24	Hex Cap Screw	Carbon Steel ASTM A307B



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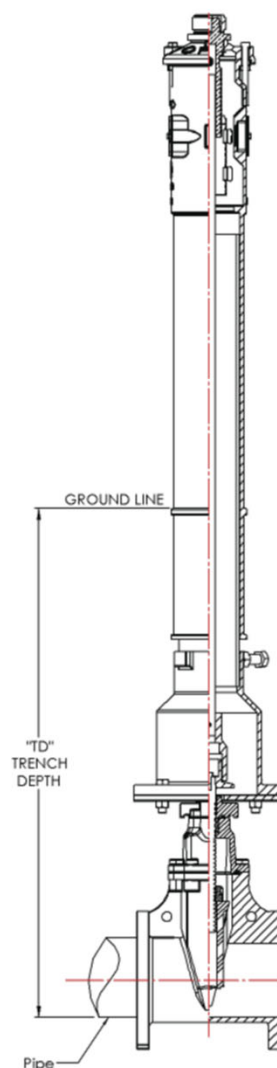
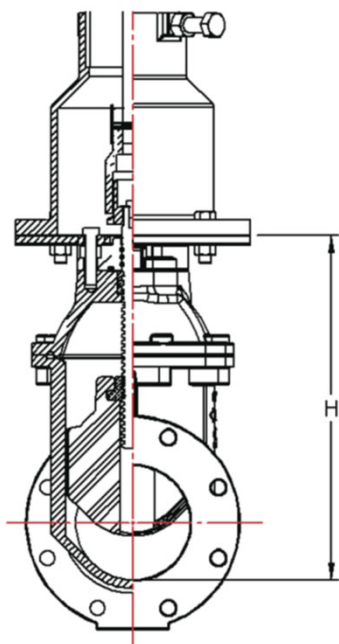


DIMENSIONS

Valve Size	Model No.	A	B	C	D
4" ~12"	5100	700 (27.5")	1000 (39.3")	1248 (49.1")	297 (11.7")

AMERICAN AFC A-3100 PIV-NRS Gate Valve

Valve Size	H
4"	11.9"
6"	17.2"
8"	20.79"
10"	26.18"
12"	30.31"



Size	4"	6"	8"	10"	12"
Trench Depth Range (TD) Min	34.65"	39.76"	44.29"	48.62"	53.54"
Trench Depth Range (TD) Max	71.26"	76.38"	80.91"	85.24"	90.16"

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