# Safety and Vent Cap

## Every hydrant should have safety precautions

PICAP-250F

### Applications

- Used as a replacement side cap for a fire hydrant, enhancing safety when approaching the hydrant
- Alleviates pressure on the hydrant caused by blocked drain holes and a leaking valve
- Notifies the water department of a malfunctioning hydrant
- The vent cap prevents vacuum formation, ensuring proper drainage

### Features

- Thread: NST/NH
- Opening nut: pentagon 1-1/2”
- Color: natural

### Size

- 2-1/2”

### Materials

- Cap: 6061-T6; anodized
  - Aluminum; hard anodized
- Relief valve: (**29 PSI** cracking pressure)
  - Body; 303 stainless steel
  - Cage and pin; 416 stainless steel
  - Spring; 302 stainless steel
  - Ball; 440c stainless steel

The Right Connection®

**Dixon Group Canada Limited**

2200 Logan Avenue
Winnipeg, MB R2R 0J2
ph: 877.963.4966
email: isales@dixonvalve.ca
canada.dixonvalve.com

# User Guide

The Right Connection®

## Safety Cap

### Instructions and Installation

- Remove existing cap
- Screw on the new Safety Cap – slightly more than hand tight
- Prior to installation apply food grade grease directly onto the check valve to prevent any calcium buildup (optional)
- Replace hydrant chains if used

### Maintenance

- Safety Cap – After hydrants are flushed, remove the safety cap for visual inspection
- Using a ballpoint pen, push the ball a few times to ensure that it is functioning
- After the hydrant has been flushed and all other maintenance is finished, and all caps replaced, open the hydrant a few turns and blow some water out through the side cap.
- After the hydrant is closed, remove the safety cap and apply some food grade grease directly onto the check valve. This will prevent any calcium buildup between scheduled hydrant maintenance.
- Never paint the Safety Cap. The Hydrant Care Safety Cap is a hard-anodized aluminum alloy and will never need painting. Paint of any kind could damage the check valve.

## Vent Cap

### Instructions and Installation

- Remove existing cap
- Screw on the new Vent Cap – slightly more than hand tight
- You're finished
- Replace hydrant chains if used
- When the hydrant is closed and all caps replaced, the Vent Cap will allow a volume of air into the hydrant to ensure drainage
- Place your thumb over the hole to verify if the micro ball is seated. Simply poke it with the tip of a pen or something similar. The negative pressure will do the rest.

### Maintenance

- Vent Cap – After hydrants are flushed, remove the Vent Cap for visual inspection
- Using a ballpoint pen push the ball in. The Vent Cap has no internal spring therefore it should move freely
- After the hydrant has been flushed and all other maintenance is finished, apply your food grade grease on the cap threads as you normally would. Do not fill the hole with grease.
- Never paint the Vent Cap. The Hydrant Care Vent Cap is a hard-anodized aluminum alloy and will never need painting. Paint of any kind could damage the check valve.

## Warranty

- Hydrant Care LLC warrants the Hydrant Care Safety Cap and Vent Cap for 10 years from the date of shipment
- Hydrant Care LLC warrants the cap free from defect in material and workmanship under normal and customary use maintenance, provided the cap is installed and maintained according to the Hydrant Care instructions
- Hydrant Care LLC will have no obligation under this warranty unless it is notified of claims hereunder promptly and in writing upon discovery thereof and within the warranty period
- The foregoing warranty does not cover failure of any part or parts from external forces, including but not limited to, earthquake, vandalism, vehicular, or other impact
- Hydrant Cares' sole responsibility under this warranty shall be limited to, at Hydrant Cares sole discretion, to replace the product with the same or a similar product, repair the product, provide purchasing credit, or refund the price paid for the product, provided the product has been properly applied and under normal service and under conditions which it is designed
- This is the exclusive warranty given in connection with the sale of this product. There are no other warranties, expressed or implied, including expressed or implied merchant ability, or any expressed or implied warranty of suitability for any particular purpose, given by Hydrant Care LLC in connection with this product.

© 2024 DVCC • FHSCAP_0224