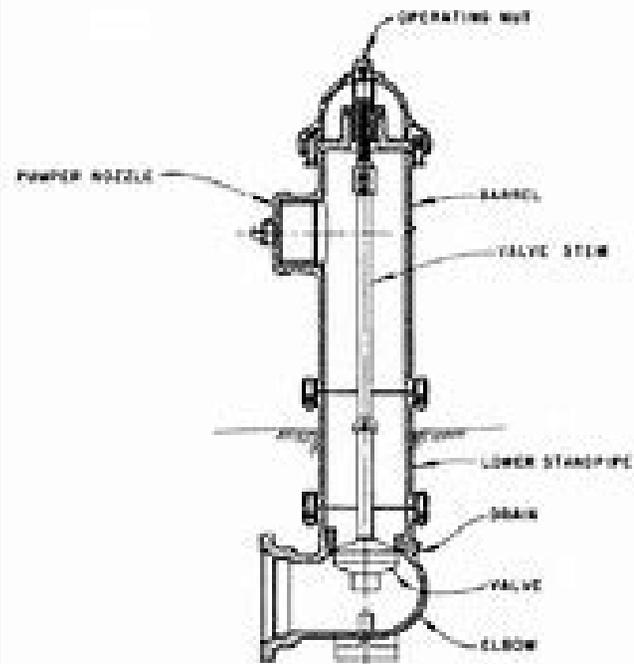


INTRODUCTION TO FIRE HYDRANTS

Wet Barrel Hydrant

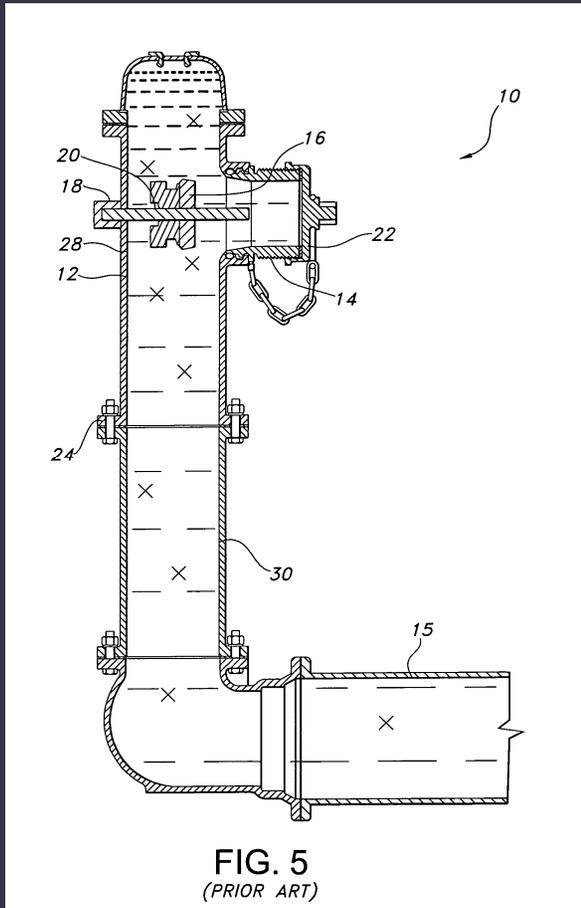


SCHEMATIC OF TYPICAL
DRY-BARREL FIRE HYDRANT

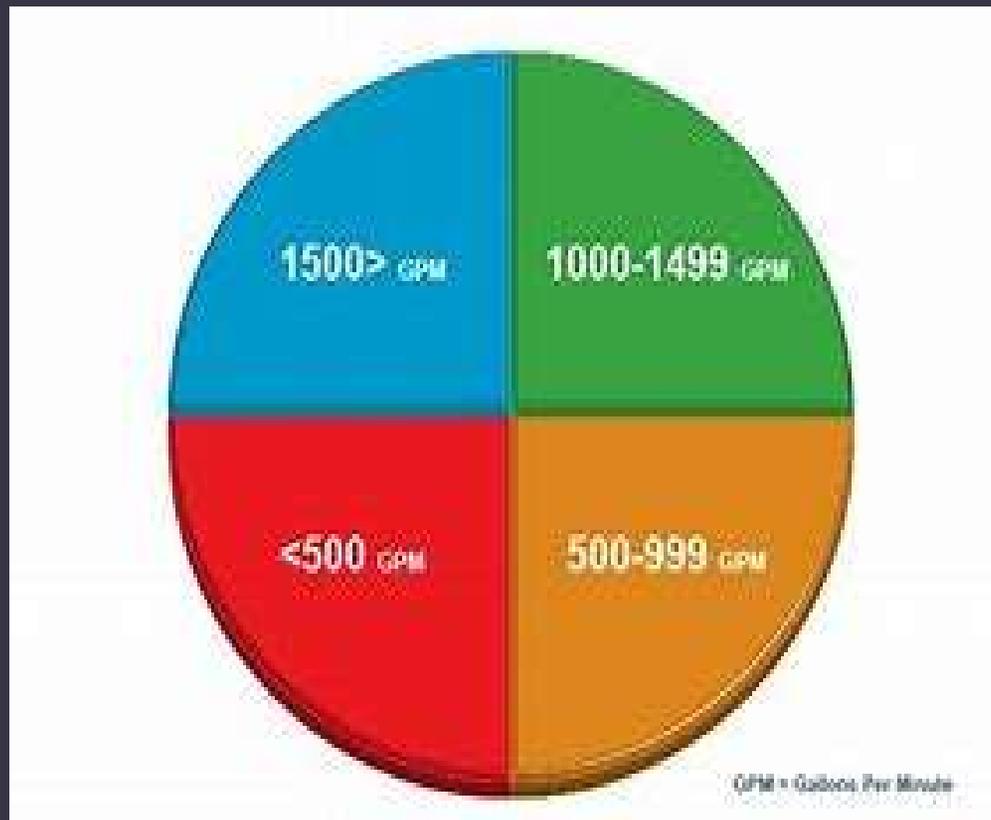


Frozen Hydrant
Due to not being
closed and
seated properly.

Dry Barrel Fire Hydrant



Fire hydrant Flow Color Chart





Out of Service Hydrants



Water
Hammer

1 - Valve closed



2 - Valve open



3 - Valve closes



Real Water Hammer

Effects of Water Hammer



How not to do it!



shutterstock.com • 1205598709



Download from
Dreamstime.com

This watermarked comp image is for previewing purposes only.

ID 34292887

© Zsolt Fulop | Dreamstime.com

The Correct Way!



RPZ's are they needed or NOT?
YES they are!!!!!!!



Hydrant Maintenance

- Flushing
- Oiling
- Valve Exercising
- Thread inspection
- Barrel inspection
- Cap inspection
- Weather cap
- Operating nut



