

Woodford Y34-2

Woodford Y34 Freezeless Yard Hydrant Instruction Manual

Model: Y34-2 | Brand: Woodford

1. PRODUCT OVERVIEW

The Woodford Y34 Freezeless Yard Hydrant is designed to provide immediate water flow even in sub-zero conditions, automatically draining when shut off to prevent freezing. It features a robust construction with a cast iron head and galvanized steel pipe, ensuring durability and long-term performance. The adjustable linkage allows for precise control of the lever lock tension, and a rod guide minimizes wear on internal components.

This hydrant is ideal for outdoor water access in various climates, offering reliable operation and ease of maintenance.

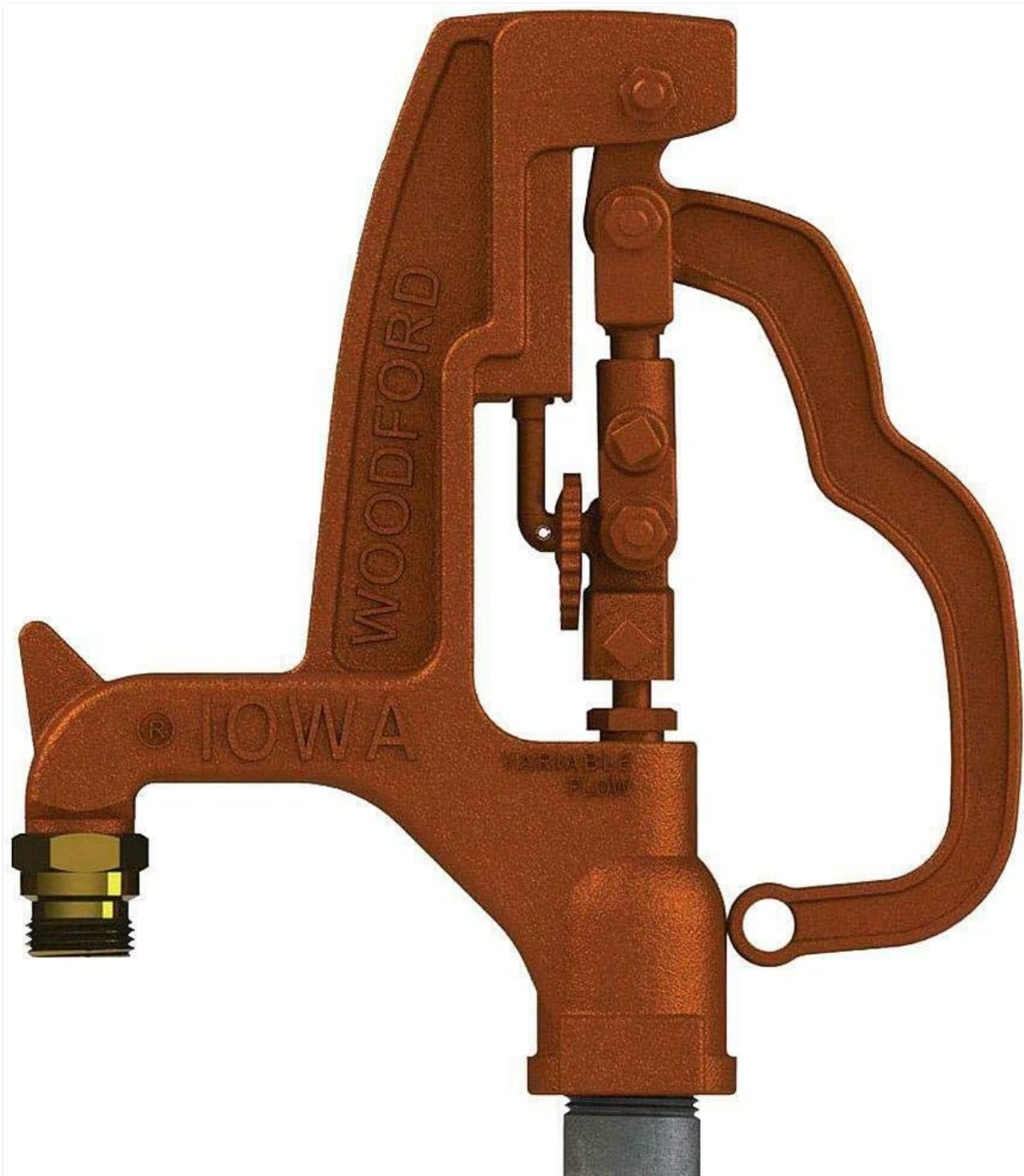


Figure 1: Woodford Y34 Freezeless Yard Hydrant head, showing the cast iron handle and spout.

2. INSTALLATION AND SETUP

Proper installation is crucial for the freezeless function of the Woodford Y34 hydrant. The unit must be installed with the appropriate bury depth for your climate zone to ensure the drain valve is below the frost line.

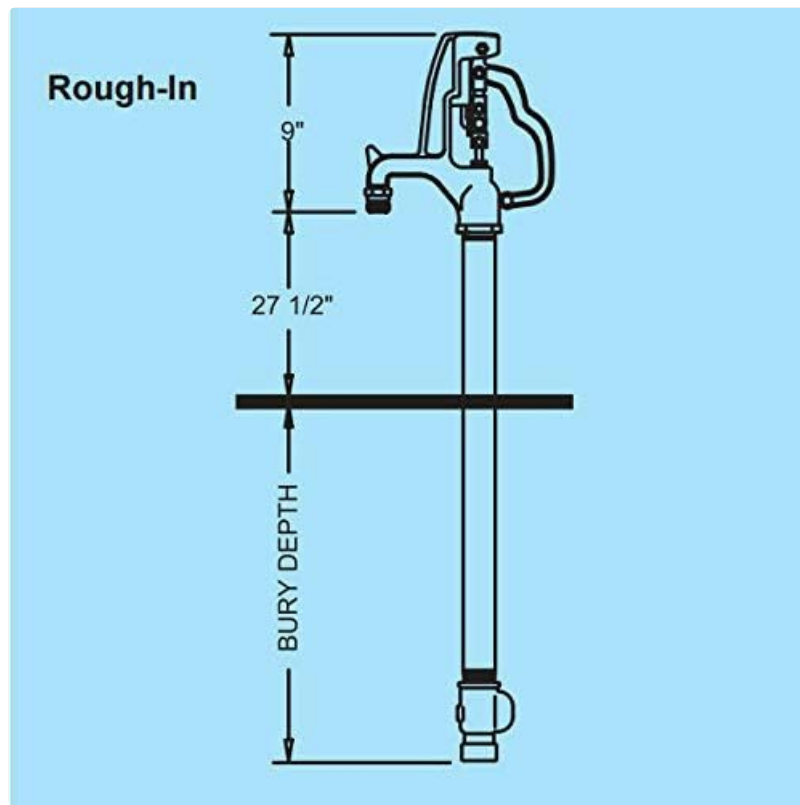


Figure 2: Rough-in diagram illustrating the required bury depth for the hydrant.

The Woodford Y34 is available in various bury depths, typically 4 or 5 feet, to accommodate different regional frost line requirements. Ensure the selected model matches your local specifications.

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Video 1: An overview of the Woodford Yard Hydrant, including discussion on installation considerations like bury depth and product features. This video is provided by Ohio Supply, a seller of the product.

For detailed installation steps, consult a qualified plumber or refer to the comprehensive instructions provided with the product packaging. Key steps include excavating to the correct bury depth, connecting the water supply line to the hydrant's inlet, and backfilling the trench while ensuring the hydrant remains vertical and stable.

3. OPERATING INSTRUCTIONS

The Woodford Y34 hydrant features a simple and effective operating mechanism. To activate water flow, lift the handle upwards. The flow can be adjusted by varying how far the handle is lifted, providing variable flow control. To shut off the water, push the handle fully downwards. The hydrant will automatically drain the water from the standpipe below the frost line, preventing freezing.



Figure 3: Full view of the Woodford Y34 Hydrant, illustrating its complete structure from head to base.

The hydrant also includes a "flow finder and lock" feature, which allows you to set a consistent flow rate or lock the handle to prevent accidental opening or unauthorized use. This is achieved by adjusting a small knob or screw near the handle's pivot point.

4. MAINTENANCE

The Woodford Y34 hydrant is designed for longevity and ease of maintenance. Should any internal components require attention, repair kits are readily available. Repairs can typically be performed from the head of the hydrant without needing to excavate the entire unit from the ground. This design significantly simplifies servicing and extends the product's lifespan.

Regular inspection of the handle linkage and spout for any signs of wear or damage is recommended.

Ensure the automatic drainage function is not obstructed by debris in the drain hole at the bottom of the hydrant.

5. TROUBLESHOOTING

- **No Water Flow:** Check the main water supply. Ensure the handle is fully lifted. Inspect for any blockages in the spout or internal mechanism.
- **Slow Water Flow:** This could indicate a partial blockage or an issue with the adjustable flow setting. Verify the flow adjustment knob is set for maximum flow if desired.
- **Continuous Dripping/Leaking:** If water continues to drip after shut-off, the internal seal or plunger may need inspection or replacement. This is a common wear item that can be addressed with a repair kit. Ensure the handle is pushed down completely.
- **Failure to Drain:** If water remains in the standpipe after shut-off, the drain hole at the bottom of the hydrant might be clogged with sediment or debris. This can lead to freezing in cold weather. Clearing the drain hole may require partial excavation or specialized tools.

For persistent issues, it is advisable to consult the Woodford manufacturer's support or a professional plumber.

6. SPECIFICATIONS

Feature	Detail
Brand	Woodford
Model Name	Y34-2
Material	Cast Iron, Galvanized Steel
Color	Orange
Item Weight	17 Pounds
Product Dimensions	62 x 10.3 x 2.5 inches
Tension Level	Adjustable
UPC	671090004416, 067109006142

7. WARRANTY AND SUPPORT

Woodford hydrants are known for their durable construction and long service life. While specific warranty details should be confirmed with the manufacturer or point of purchase, the design allows for easy servicing and replacement of parts using readily available repair kits. This ensures that the hydrant can be maintained and repaired over many years of use, extending its operational lifespan significantly. For technical support, parts inquiries, or detailed warranty information, please refer to the official Woodford manufacturing website or contact their customer service department.