



# HYDRANTS

## Post Hydrant

### MODEL M-175VA

3/4" FREEZE RESISTANT,  
COMPRESSION-TYPE POST HYDRANT

#### STANDARD FEATURES

Model M-175VA delivers year-round service outside or in unheated buildings. The M-175VA model provides a lighter Operating Spring to ease the force required to operate the Hydrant in order to accommodate users who may find traditional Hydrants too difficult to activate.\*\*

To provide freeze resistant functionality, the control valve is located below the frost line. The reduced-pressure, spring-loaded handle raises and lowers the internal supply line assembly, controlling the valve. The internal supply column is evacuated through drainage ports in the bottom. The hydrant must be operated fully "ON."

#### SUGGESTED SPECIFICATIONS

Hydrant shall be Murdock-Super Secur model M-175VA. Unit shall be capable of year-round use in freezing weather.

Unit shall extend below grade level so that centerline of supply inlet is positioned at or below frost line. Inlet shall have union connection.

Water shall be gravity-evacuated from inner supply column when valve is shut off.

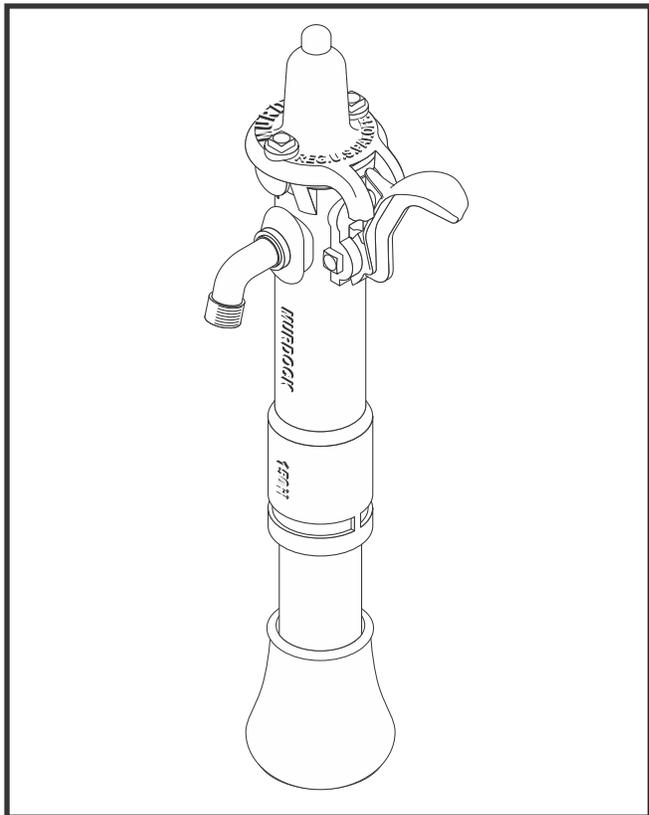
Valve shall be operated by lever handle spring-loaded for closure. Stock, top and base shall be fabricated of heavy, one-piece iron castings finished with a heavy grade of oil-based VS bronze enamel. Handle shall be an aluminum-bronze casting.

Inner supply assembly shall incorporate solid-brass castings. All solid-brass castings shall conform to ASTM standards B61 and B62. Lead-free castings are used in all waterways.

Outer casing and inner supply line shall be galvanized-steel pipe, finished with a heavy grade of oil based green enamel.

Nozzle shall be solid brass casting, threaded for 3/4" hose connection.

*(\*\*Note: Incoming Water Supply Pressure PSI must be properly regulated and adjusted to accommodate lowered Compression Spring rate.)*



Standard Model: M-175VA

#### DEPTH OF BURY *(additional costs may be incurred)*

- 2 ft. (61 cm)
- 3 ft. (91.4 cm)
- 4 ft. (121.9 cm)
- 5 ft. (152.4 cm)
- 6 ft. (182.9 cm)
- Other \_\_\_\_\_

#### OPTIONS *(additional costs may be incurred)*

- BFH Double ball check valve and vacuum breaker\*
- OM Omniflow (laminar flow) outlet
- VB Vacuum breaker
- R01 Shut off valve with plate\*
- Plain end outlet (no threads)
- Sewer drain connection
- Green enamel
- Black enamel

\* See separate option sheets



**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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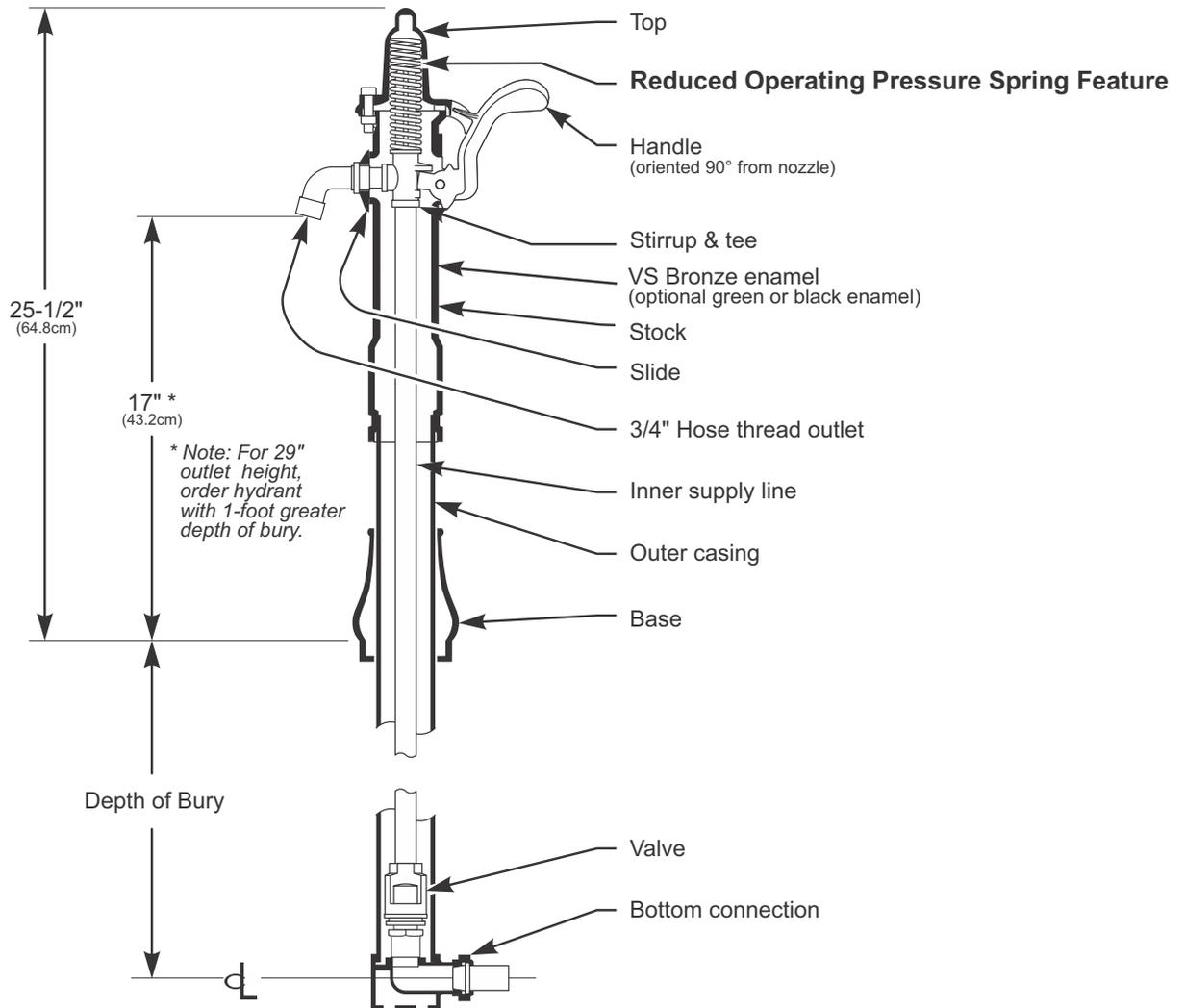
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MORRIS GROUP  
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COMPRESSION-TYPE POST HYDRANT



SELECTION SUMMARY  
& APPROVAL FOR  
MANUFACTURING

Model Number & Options \_\_\_\_\_ Quantity \_\_\_\_\_

Company \_\_\_\_\_

Contact \_\_\_\_\_ Title \_\_\_\_\_

Signature (Approval for Manufacturing) \_\_\_\_\_ Date \_\_\_\_\_

All dimensions are subject to manufactures tolerance of plus or minus 1/2" nominal and subject to change without notice. Murdock assumes no responsibility for use of void or superseded data. Dimensions may change with the addition of optional accessories. Murdock Mfg.™, Member of Morris Group International™. Please visit [www.murdockmfg.com](http://www.murdockmfg.com) for most current specifications.