

## Post Hydrant

### MODEL M-ESH175VA

(FORMERLY M-ESHSC175VA)

3/4" FREEZE RESISTANT TRIMLINE POST HYDRANT WITH SHUT-OFF, HEAVY DUTY

#### STANDARD FEATURES

Model M-ESH175VA delivers year-round service outside or in unheated buildings. 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 and an integral internal shut-off valve ensures easy maintenance. This trimline design complements any setting. The hydrant must be operated fully "ON."

#### SUGGESTED SPECIFICATIONS

Hydrant shall be model M-ESH175VA. Unit shall be capable of year-round use in freezing weather and shall include an integral shut-off valve.

Unit shall extend below grade level so that centerline of supply inlet is positioned at or below frost line. Unit shall include an integral shut-off valve. **VERY IMPORTANT:** Supply water pressure for this hydrant shall not exceed 40 psi. If necessary, pressure-reducing valve shall be installed in supply line. Inlet shall have a threaded 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. Housing shall be cast aluminum, finished with a heavy grade of oil-based VS bronze enamel. Handle shall be an aluminum-bronze casting. All castings shall be manufactured in the USA and comply with ARRA standards, to include machining, assembly and painting.

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 casings and inner supply line shall be galvanized-steel pipe.

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

Refer to [LINK](#) for Hydrant Discharge Flow Rates.



**Standard Model:** M-ESH175VA

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

- |   |   |
|---|---|
| <input type="checkbox"/> 2 ft. (61 cm)    | <input type="checkbox"/> 5 ft. (152.4 cm) |
| <input type="checkbox"/> 3 ft. (91.4 cm)  | <input type="checkbox"/> 6 ft. (182.9 cm) |
| <input type="checkbox"/> 4 ft. (121.9 cm) | <input type="checkbox"/> Other            |

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

- |                                |   |
|--------------------------------|---|
| <input type="checkbox"/> - BFH | Double ball check valve and vacuum breaker* |
| <input type="checkbox"/> - OM  | Omniflow (laminar flow) outlet              |
| <input type="checkbox"/> - VB  | Vacuum breaker                              |
| <input type="checkbox"/>       | Plain end outlet (no threads)               |
| <input type="checkbox"/>       | Green enamel                                |
| <input type="checkbox"/>       | Black enamel                                |

\* See separate option sheets

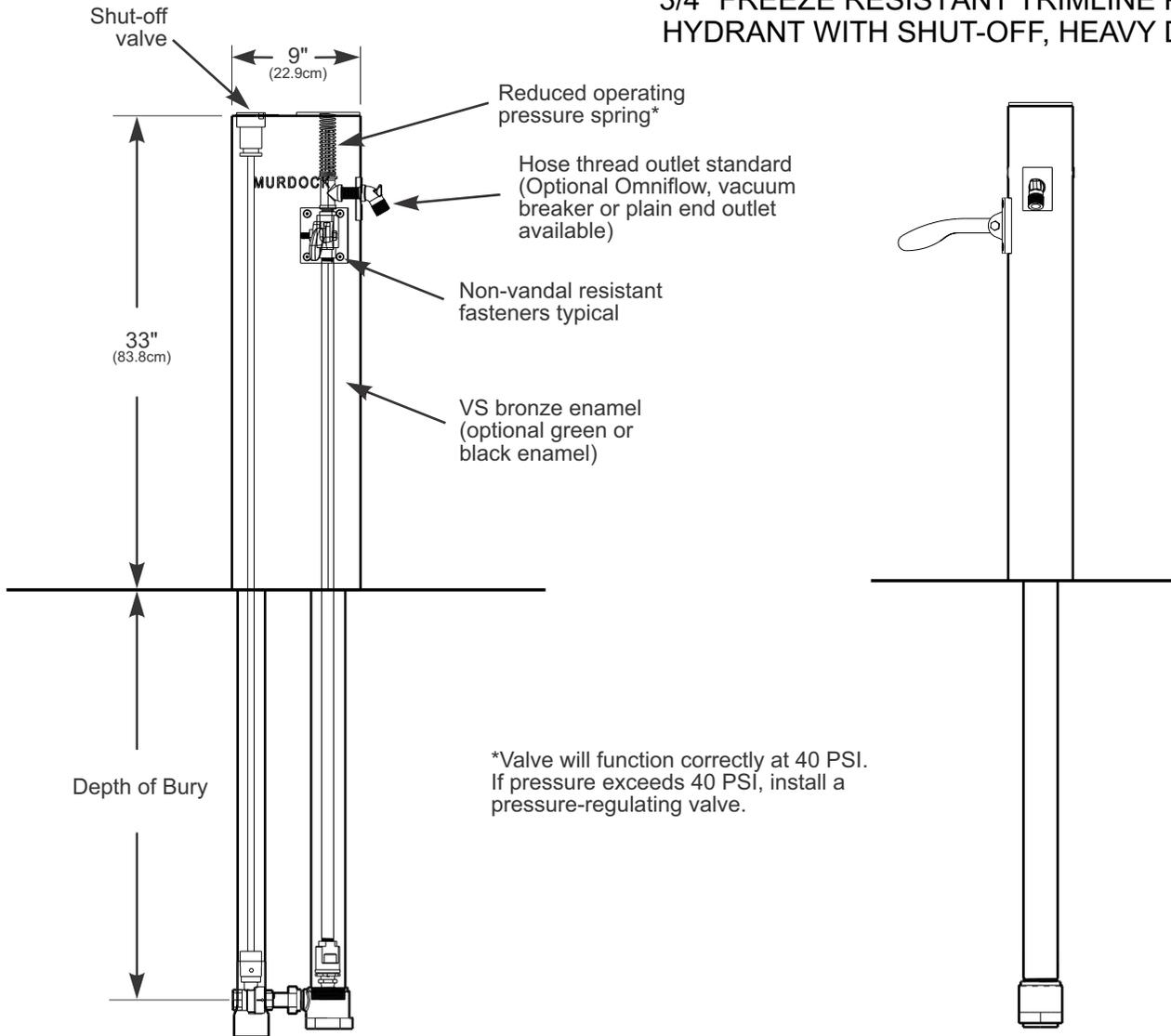


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Product

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MODEL M-ESH175VA**

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HYDRANT WITH SHUT-OFF, HEAVY DUTY**



**SELECTION SUMMARY  
& APPROVAL FOR  
MANUFACTURING**

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

Company \_\_\_\_\_

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

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

*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.*