

Flush Box Hydrant

MODEL M-5100

1" FREEZE RESISTANT,
FLUSH-MOUNTED BOX HYDRANT
WITH HINGED LID

STANDARD FEATURES

Model M-5100 box hydrant provides water access that is inconspicuous and unobtrusive. The top of the unit is installed flush with the surrounding surface, and all working parts are located below grade. The hydrant may be installed in pavement, sod or concrete. The unit is furnished with a hinged lid, which is opened for access to the hose outlet and closed when not in use. A loose key used to operate the hydrant. To provide freeze resistant functionality, the valve is located under ground at the specified depth of bury. The hydrant box and lid are iron castings, and the bottom connection, valve and 1" NPS hose outlet are lead-free solid-brass castings. Field-serviceable parts are easily accessible.

SUGGESTED SPECIFICATIONS

Hydrant shall be Murdock model M-5100 freeze resistant box hydrant.

Unit is to be installed with top of unit flush with surrounding surface and shall be furnished with hinged lid.

Valve shall be located under ground at specified depth of bury to ensure freeze resistant capability.

Hydrant box and lid shall be fabricated of heavy-duty, gray iron castings. Box and lid shall be finished with a heavy coat of oil-base black enamel.

Valve, stirrup and hose outlet shall be fabricated of 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 internal water supply line shall be fabricated of steel pipe.

Hydrant shall consist of internal supply line and a surrounding outer casing pipe for protection of waterway.

Cast-aluminum key shall be furnished loose. Key shall be used to operate hydrant.

Unit shall be furnished with 1" NPS male union water supply connection.

Contractor shall ensure that hydrant is installed properly.

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



Standard Model: M-5100

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)*

NONE

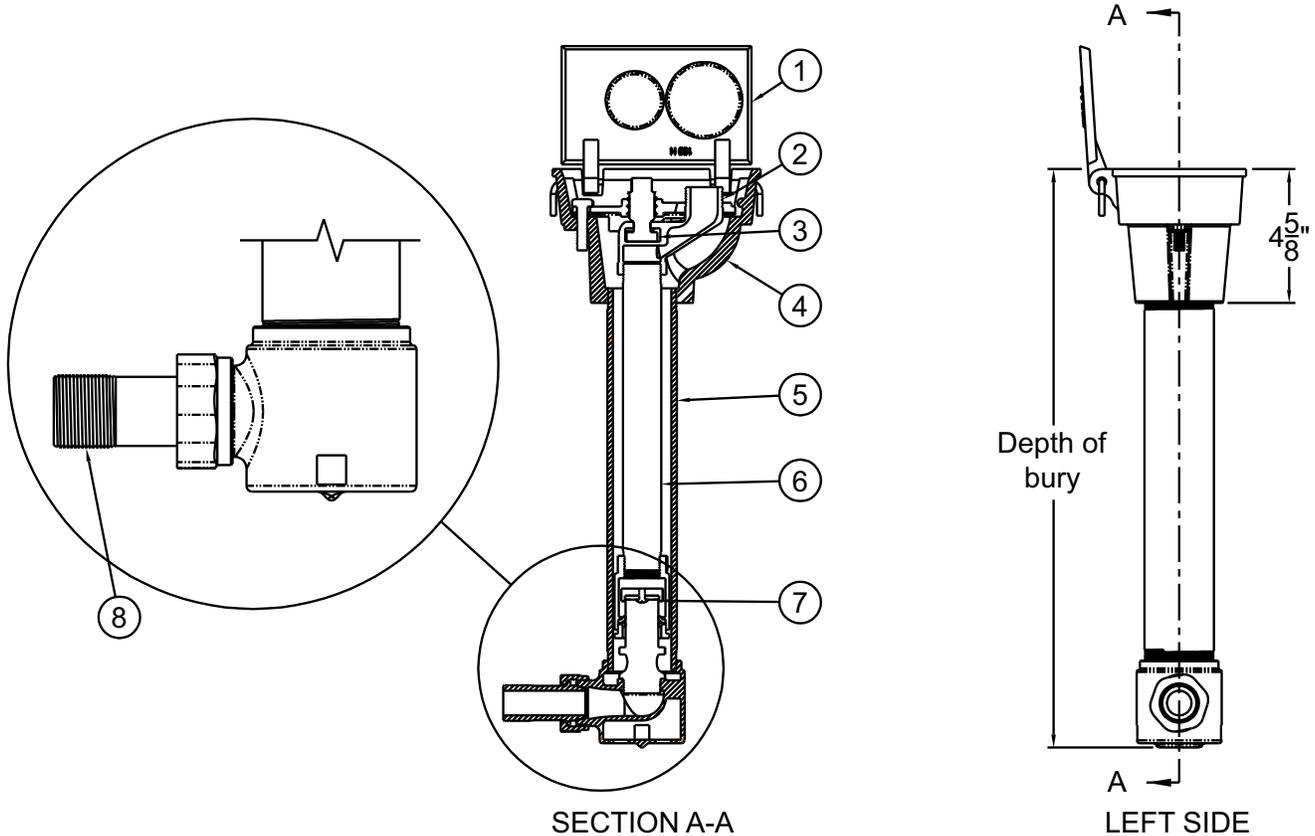


WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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BOX HYDRANT WITH HINGED LID



- ① PLAIN HINGED LID
- ② 1" HOSE THREAD BRASS NOZZLE
- ③ STIRRUP

- ④ BRONZE STREET WASHER BOX
- ⑤ GALVANIZED STEEL OUTER CASING

- ⑥ WATER SUPPLY LINE
- ⑦ VALVE
- ⑧ 1" MALE NPS BRASS CONNECTION

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 for most current specifications.