



FROST-PROOF HYDRANT



THE MAGNUM IS FOR:

- Home
- Lawn
- Garden Care
- Cleaning Equipment
- Watering Livestock
- Ranches
- Farms
- Fire Protection

The unique spool valve design and simple construction of the Monitor® Magnum hydrant provides dependable operation and easy servicing in any weather. The “Balanced Valve” allows smooth easy flow adjustment since the water flow does not oppose valve movement as in other hydrants. Corrosion resistant brass valve body, acetal spool and ¾" Sch. 80 PVC wet pipe contain the water flow, extending hydrant life. The elimination of a packing nut, valve rod and linkage adjustment eliminates many maintenance and repair kits required with ordinary hydrants. When properly installed occasional easy replacement of the three standard O-rings will be the only routine maintenance required.

All internal parts can be quickly removed without the use of pipe wrenches or digging. Please turn off the water supply, loosen the stainless steel hex screw in the collar and pull out the inside wet pipe. Replace the O-ring, then simply bottom out the head casting on the stand pipe. Rotate the head casting outlet (clockwise only) to home owner’s preference and tighten the set screw.

Location of outlet is approximately 24" above ground in addition to bury depth.

Bury Depth	Model No.	Wt (lb)	Lead Free *	Bury Depth	Model No.	Wt (lb)	Lead Free *
1 ft	1WHMB75	10	NO	5 ft	5WHMB75	15	NO
1 ft	1WHMB75LF	10	YES	5 ft	5WHMB75LF	15	YES
1.5 ft	1.5WHMB75	11	NO	6 ft	6WHMB75	17	NO
1.5 ft	1.5WHMB75LF	11	YES	6 ft	6WHMB75LF	17	YES
2 ft	2WHMB75	11	NO	7 ft	7WHMB75	18	NO
2 ft	2WHMB75LF	11	YES	7 ft	7WHMB75LF	18	YES
2.5 ft	2.5WHMB75	12	NO	8 ft	8WHMB75	19	NO
2.5 ft	2.5WHMB75LF	12	YES	8 ft	8WHMB75LF	19	YES
3 ft	3WHMB75	13	NO	10 ft	10WHMB75	22	NO
3 ft	3WHMB75LF	13	NO	10 ft	10WHMB75LF	22	YES
4 ft	4WHMB75	14	NO	11 ft	11WHMB75		NO
4 ft	4WHMB75LF	14	YES	11 ft	11WHMB75LF		YES

*Contains less than 0.25% lead as required by NSF/ANSI 372

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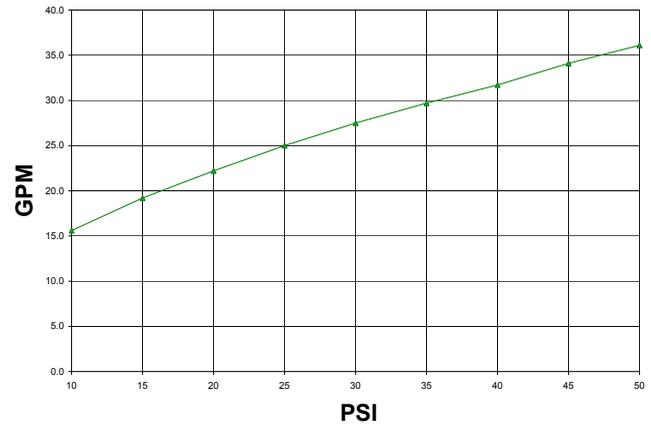


MONITOR® MAGNUM FROST-PROOF HYDRANT

Flow Capacity of Magnum Hydrant

(4 ft Bury Depth, 1" I.D. Inlet & .750" I.D. Outlet)

Patent# 6,178,988 B1



- Open blade ductile iron handle on the top of the head casting is easy to open or close regardless of hand size, even with a glove on. Wider bushings at all pivots reduce wear.
- Head casting is cast iron, large water passageway. Less pressure drop, higher flow. Over 25 GPM with 4' bury depth at 30 PSI. If the head casting does not stay in place during operation, tighten the two linkage bolts.
- Hose adapter is ¾" male hose thread.
- Head has padlock hole. Head bolts are hardened steel, linkage works on unthreaded shank.
- Collar is cast iron, tamper resistant stainless steel hex socket screw, easy to loosen. Use ⅝" Allen wrench.
- No packing, no adjustment required.
- Water goes through a ¾" Sch. 80 PVC wet pipe which is attached to the head casting with a NPT thread.
- **OEM O-rings are Teflon coated nitrile. Can be replaced with standard #115 O-ring .880" O.D X .674" I.D. X .103" Thick. Pressure rating is 125 PSI.**
- **Plunger is a pressure balanced design** made of acetal thermoplastic. The plunger is threaded to the wet pipe.
- Stand pipe is 1¼" steel with corrosion resistant coating. Coating is more corrosion resistant than Sch. 40 galvanized pipe. The stand pipe is attached to the brass valve body using fine threads on the I.D. of the stand pipe. The brass valve body has fine threads on the O.D. with this design there are no exposed threads which can cause corrosion.
- **Bottom inlet, tapped 1" FIP thread.**
- Valve body is red brass. The spool is pressure balanced, making opening and closing easier. This enables the handle to be held open in any position. It has a ⅛" drain hole tapped for female pipe thread that can be attached to extend the drain if required by code, or if desired.
- Valve body drain port tapped ⅛" NPT. Proper installation is essential for satisfactory operation of any hydrant. Adequate provision must be made for proper drainage in cold weather and this is best accomplished by the use of an adequate bed of pea rock under and around the hydrant. Plastic sheeting placed over the pea rock will prevent seepage of dirt into the pea rock to plug the drain field. If ground water table is high it is advisable to run a pipe from the ⅛" NPT drain tapping in the valve body to a drain tile from the vicinity of the hydrant.
- Do not leave a garden hose connected to the ¾" hose adapter on the outlet of the head casting in the winter time. When the hydrant is in the closed position, air enters through the ¾" hose fitting allowing the water in the ¾" Sch. 80 PVC to drain into the drain field to prevent freezing of the water in the wet pipe. If the water is trapped in the wet pipe, the hydrant will freeze and may break the valve body or ¾" Sch. 80 PVC wet pipe. **If a garden hose connector is left on in the winter time, warranty is null and void.**
- If a vacuum breaker is installed on the ¾" hose adapter on the outlet of the head casting, make sure it is a total automatic design. The automatic vacuum breaker will allow air to enter through the ¾" hose adapter allowing the water in the ¾" Sch. 80 PVC wet pipe to drain. This will prevent the hydrant and valve body from freezing. Many vacuum breakers sold are not automatic. They are manual in operation. **DO NOT USE THESE TYPES ON YOUR HYDRANT. If other than a total automatic design is used, warranty is null and void.**
- All yard hydrants are leak tested prior to shipping.