



M-2000

NONCORROSIVE SALT SPRAY **NO DECAY.**

M-2000 Series Frost-Proof Yard Hydrants



LEARN MORE ABOUT THE BEST IN THE INDUSTRY AT merrillmfg.com

M-2000 SERIES

ONE HYDRANT. FOUR SEASONS.

Merrill has produced top-quality yard hydrants for more than 75 years, and the M-2000 hydrants gives year round water service that drains below the frost line when shut off.

These hydrants greatly enhances resistance to corrosion, UV light and abrasion, so you get all-weather performance that lasts for years.





M-2000 SERIES

SPECIFICATIONS

Inlet: 3/4" NPT
 Outlet: 3/4" Brass Hose Thread
 Stainless Steel Operating Rod
 Graphite Packing
 Zytel® ST Supertough Nylon Head
 Celcon® Valve Body
 Molded Rubber Plunger made of self-lubricating material
 1" Galvanized Stand Pipe

M-2000 Hydrant Flow Rates

		Gallons Per Minute (GPM)						
		0	5	10	15	20	25	30
Water System Pressure	20 PSI	14 GPM @ 20 PSI						
	30 PSI	15.5 GPM @ 30 PSI						
	40 PSI	16.3 GPM @ 40 PSI						
	60 PSI	18.8 GPM @ 60 PSI						
	80 PSI	20.3 GPM @ 80 PSI						
	100 PSI	22 GPM @ 100 PSI						

NOTE: Most common 1/2 hp submersible pumps output is 10GPM.

No-Lead Standard M-2000 Series Hydrants

Order Number	UPC Bar Code (Qty. 1)	Pipe Connection x Pipe Depth	Pipe Size	Overall Length	Approx. Wt./Lbs.
MP7501	6 42367 01930 3	3/4" x 1' Bury	1" Galv.	44"	8.0 lbs
MP75015	6 42367 04460 2	3/4" x 1-1/2' Bury	1" Galv.	50"	9.0 lbs
MP7502	6 42367 01932 7	3/4" x 2' Bury	1" Galv.	56"	10.0 lbs
MP7503	6 42367 01934 1	3/4" x 3' Bury	1" Galv.	68"	12.0 lbs
MP7504	6 42367 01936 5	3/4" x 4' Bury	1" Galv.	80"	14.0 lbs
MP7505	6 42367 01938 9	3/4" x 5' Bury	1" Galv.	92"	16.0 lbs
MP7506	6 42367 01940 2	3/4" x 6' Bury	1" Galv.	104"	18.0 lbs
MP7507	6 42367 01942 6	3/4" x 7' Bury	1" Galv.	116"	20.0 lbs
MP7508	6 42367 01944 0	3/4" x 8' Bury	1" Galv.	128"	22.0 lbs
MP7510	6 42367 01946 4	3/4" x 10' Bury	1" Galv.	152"	25.0 lbs

NOTE: The length of hydrant you need depends on the depth the water lines are buried in your area. If water lines are buried 4' you need MP7504 - 4' bury below ground with 32" above ground or 6' - 8' total length.

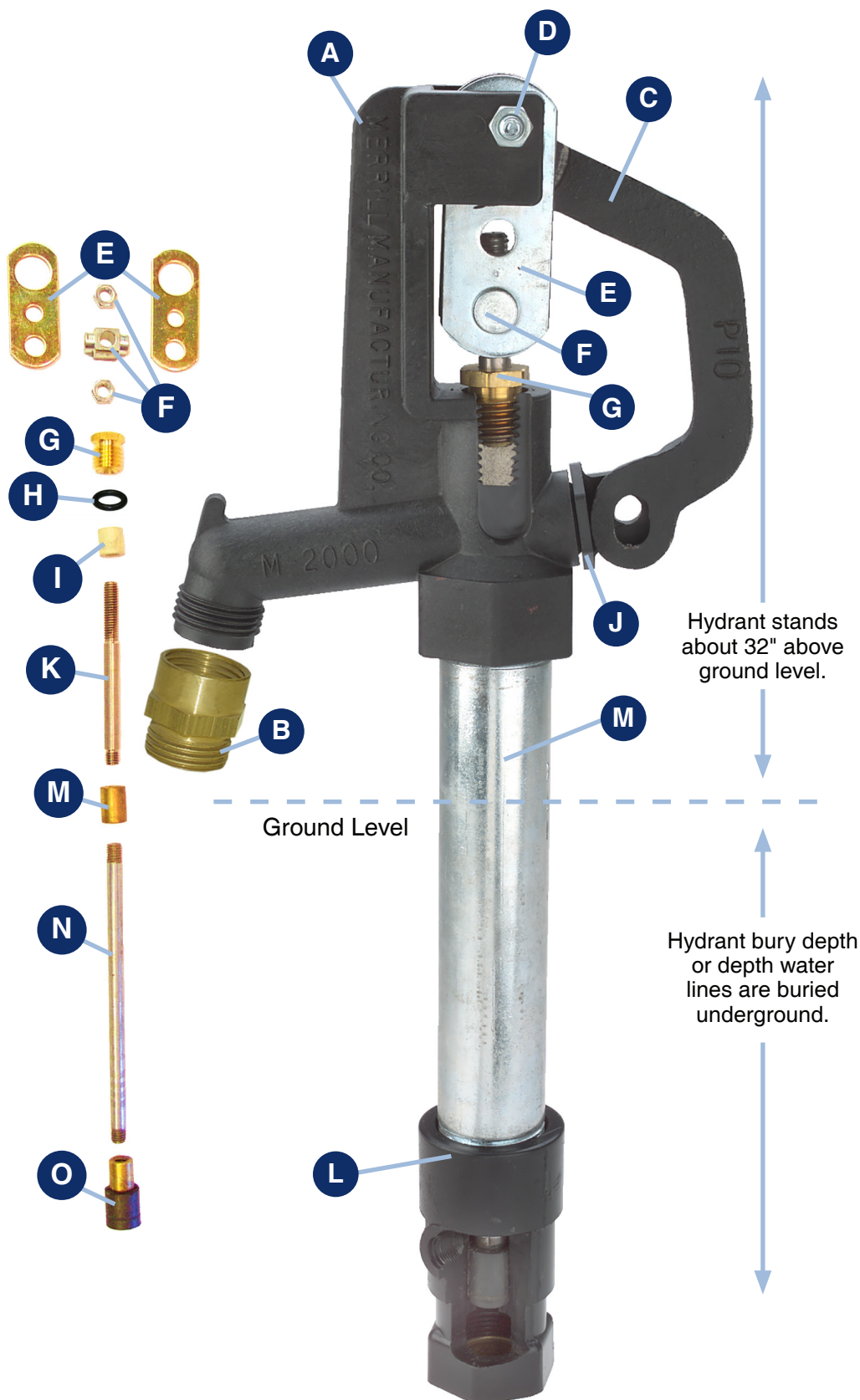
No-Lead M-2000 Series with Hose Adapter

Order Number	UPC Bar Code (Qty. 1)	Pipe Connection x Pipe Depth	Pipe Size	Overall Length	Approx. Wt./Lbs.
MP7501A	6 42367 01931 0	3/4" x 1' Bury	1" Galv.	44"	8.0 lbs
MP75015A	6 42367 04459 6	3/4" x 1-1/2' Bury	1" Galv.	50"	9.0 lbs
MP7502A	6 42367 01933 4	3/4" x 2' Bury	1" Galv.	56"	10.0 lbs
MP7503A	6 42367 01935 8	3/4" x 3' Bury	1" Galv.	68"	12.0 lbs
MP7504A	6 42367 01937 2	3/4" x 4' Bury	1" Galv.	80"	14.0 lbs
MP7505A	6 42367 01939 6	3/4" x 5' Bury	1" Galv.	92"	16.0 lbs
MP7506A	6 42367 01941 9	3/4" x 6' Bury	1" Galv.	104"	18.0 lbs
MP7507A	6 42367 01943 3	3/4" x 7' Bury	1" Galv.	116"	20.0 lbs
MP7508A	6 42367 01945 7	3/4" x 8' Bury	1" Galv.	128"	22.0 lbs
MP7510A	6 42367 05655 1	3/4" x 10' Bury	1" Galv.	152"	25.0 lbs

NOTE: The length of hydrant you need depends on the depth the water lines are buried in your area. If water lines are buried 4' you need MP7504 - 4' bury below ground with 32" above ground or 6' - 8' total length.

FEATURES AND BENEFITS

- A Part Number: P-1**
Fiber-reinforced thermoplastic head eliminates corrosion and provides consistent, precise parts, and long life.
- B Part Number: HBA750**
Optional brass hose adapter
- C Part Number: PB-10**
Unique lever control to provide variable flow, rather than using a manual "lock," that can rust, to set the flow.
- D Part Number: P-15**
Lever bolt & nut
- E Part Number: G-20**
Made of high-strength 1040 hot-rolled steel reduces wear and eliminates side pull on the operating rod, resulting in longer life.
- F Part Number: G-25**
Pivot connector and nuts replaces set screws, that tend to be unreliable. This results in years of easy reliable adjustments.
- G Part Number: G-30**
Packing nut
- H Part Number: OR110**
O-Ring
- I Part Number: G-35**
Valve stem packing
- J Part Number: P-2**
Head plug
- K Part Number: G-45**
The stainless steel rod stem is polished, which will not cut the packing and packing nut, resulting in longest operating life.
- L Part Number: P-40**
High water flow, heavy-duty valve body, eliminates corrosion and provides a long life.
- M Part Number: P-56**
3/8" Operating Rod
- N Part Number: P-50**
Rod Connector
- O Part Number: P-115**
Plunger



PARTS AND ACCESSORIES

Parts List

Part Description	Part Number
○ Head	P-1
○ Head Plug	P-2
Brass Hose Adapter (Optional)	HBA750
Lever Casting - Black	PB-10
Lever Bolt & Nut	P-15
Draw Straps (Per Pair)	G-20
○ Pivot Connector & Nuts	G-25
○ Packing Nut	G-30
○ O-Ring	OR110
○ Valve Stem Packing	G-35
○ Valve Body	P-40
○ Stainless Steel Rod	G-45
○ Steel Rod Connector	P-50
○ 1" Galvanized Pipe	P-60
○ 3/8" Operating Rod	P-56
○ Plunger	P-115
No-Lead Head Assembly – Parts No. P-1, 2, PB-10, P-15, 50, G-20, 25, 30, 35, 45, OR110	P-120
Container of Silicone Lube	A-250

Optional Accessories List

Order No.	Part Description
Elbows	
○ RBHENL75	No-Lead 3/4" NPT x 3/4" Plastic Pipe Elbow
○ RBHENL100	No-Lead 3/4" NPT x 1" Plastic Pipe Elbow
○ SSHE75	Stainless Steel 3/4" NPT x 3/4" Plastic Pipe Elbow
○ SSHE100	Stainless Steel 3/4" NPT x 1" Plastic Pipe Elbow
Tees	
○ RBHTNL75	No-Lead 3/4" NPT x 3/4" Plastic Pipe Tee
○ RBHTNL7510	No-Lead 3/4" NPT x 1" Plastic Pipe Tee
○ SSHT75	Stainless Steel 3/4" NPT x 3/4" Plastic Pipe Tee
○ SSHT7510	Stainless Steel 3/4" NPT x 1" Plastic Pipe Tee
No-Lead Vacuum Breakers	
○ BVBADNL75	3/4" Hose - Automatic Drain
○ BVBNL75M	3/4" Hose - Manual Drain

Parts Kit "PF" PKPF

Qty.	Part Number
1 Pr.	G-20
1	G-25
1	G-30
1	G-35
1	P-115
1	OR110



Parts Kit "B" PKB

Qty.	Part Number
3 Pr.	G-20
2	G-25
3	G-30
3	G-35
2	G-45
3	P-50
3	P-115
3	OR110



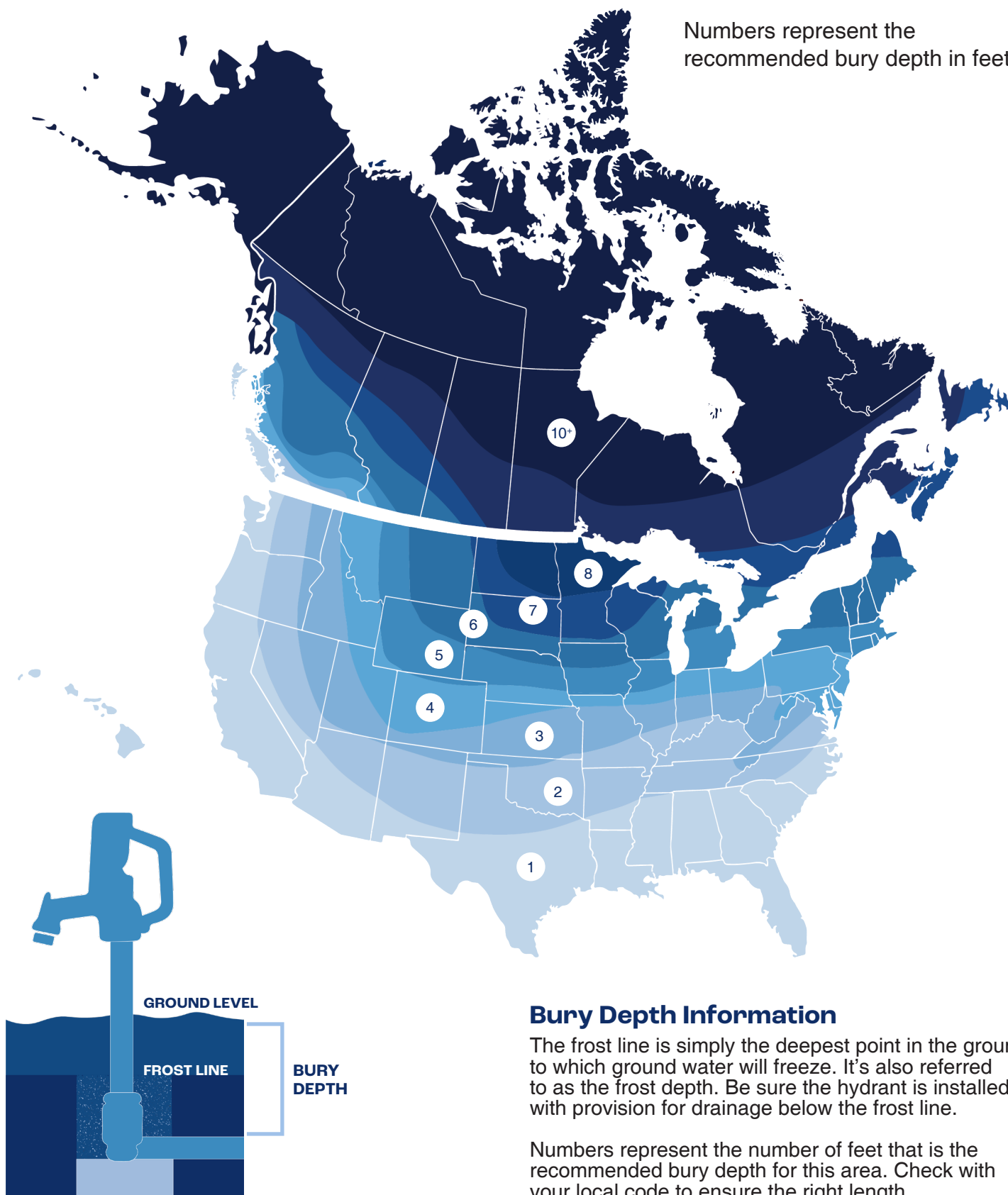
Parts Kit "MP" PKMP

Qty.	Part Number
1	G-25
1	P-115
1	A-250
1	OR110



BURY DEPTH MAP

Numbers represent the recommended bury depth in feet.



Bury Depth Information

The frost line is simply the deepest point in the ground to which ground water will freeze. It's also referred to as the frost depth. Be sure the hydrant is installed with provision for drainage below the frost line.

Numbers represent the number of feet that is the recommended bury depth for this area. Check with your local code to ensure the right length.



MERRILL
MANUFACTURING

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