

READY FOR THE WEATHER.

E-5000 Series Frost-Proof Yard Hydrants



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E-5000 SERIES

ONE HYDRANT. FOUR SEASONS.

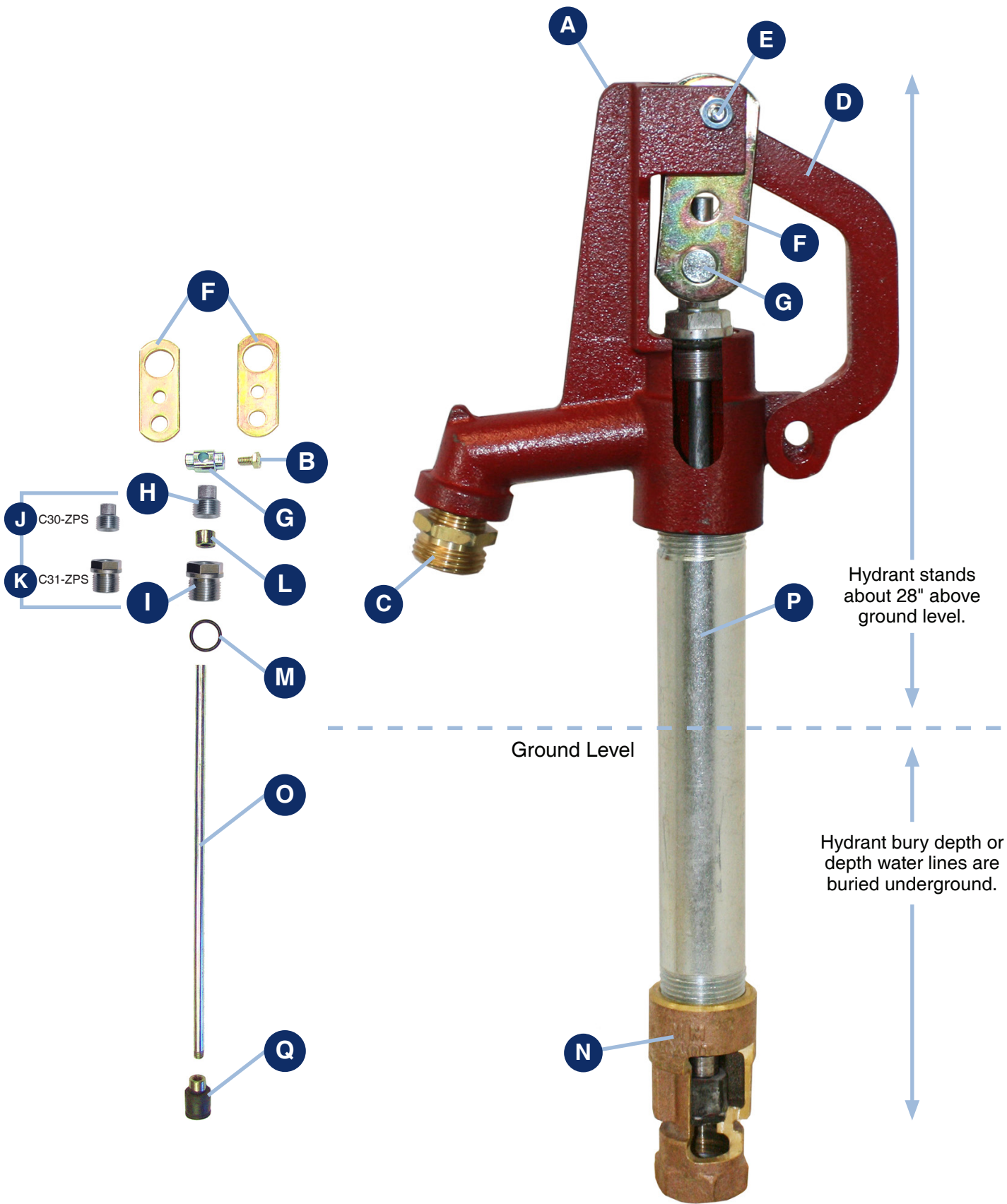
Merrill has produced top-quality yard hydrants for more than 75 years, and now powder coating makes E-5000 hydrants even better. Powder coating greatly enhances resistance to corrosion, UV light and abrasion, so you get all-weather performance that lasts for years.





FEATURES AND BENEFITS

- A Part Number: BNL-1T**
All-weather powder coated head
- B Part Number: C-5**
Stainless steel 1/4" hex head bolt
- C Part Number: GNL-6**
Heavy-duty solid hose adapter threaded for standard 3/4" hose coupling ensures the perfect fit.
- D Part Number: P-10**
Unique lever control to provide variable flow, rather than using a manual "lock," that can rust, to set the flow.
- E Part Number: P-15**
Lever bolt & nut
- F 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. It also has a hole for lock that cannot be broken.
- G Part Number: B-25**
Pivot connector and hex head bolt replaces set screws, that tend to be unreliable. This results in years of easy reliable adjustments.
- H Part Number: C-30**
Packing nut
- I Part Number: C-31**
Packing gland
- J Part Number: C30-ZPS**
Metal packing nut
- K Part Number: C31-ZPS**
Metal packing gland
- L Part Number: C-35**
Valve stem packing
- M Part Number: OR116**
O-Ring Seal
- N Part Number: CNL-40T**
High water flow, double bypass valve body, providing a large volume of water.
- O Part Number: C-57**
The 15/16" rod has a smooth galvanized surface for better packing life, resulting in longer service life of seal around rod.
- P Part Number: C-60**
1" galvanized pipe
- Q Part Number: C-115**
Plunger

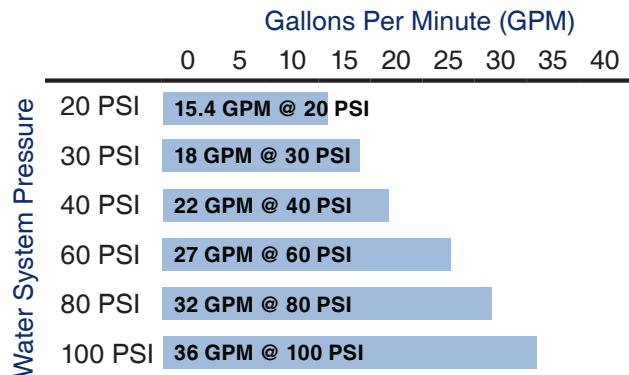


E-5000 SERIES

SPECIFICATIONS

Inlet: 3/4" NPT in No-Lead Casting
 Outlet: 3/4" No-Lead Hose Thread Adapter
 Graphite Packing
 No-Lead Brass and Molded Rubber Plunger Made of Self-Lubricating Material
 1" Galvanized Stand Pipe

E-5000 Hydrant Flow Rates



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

No-Lead ENL-5000 Series Hydrants

Order Number	UPC Bar Code (Qty. 1)	Pipe Connection x Pipe Depth	Pipe Size	Overall Length	Approx. Wt./Lbs.
ENL7501	6 42367 41824 3	3/4" x 1' Bury	1" Galv.	39.5"	9.5 lbs
ENL7502	6 42367 41825 0	3/4" x 2' Bury	1" Galv.	51.5"	11.5 lbs
ENL7503	6 42367 41826 7	3/4" x 3' Bury	1" Galv.	63.5"	12.5 lbs
ENL7504	6 42367 41827 4	3/4" x 4' Bury	1" Galv.	75.5"	13.5 lbs
ENL7505	6 42367 41828 1	3/4" x 5' Bury	1" Galv.	87.5"	14.5 lbs
ENL7506	6 42367 41829 8	3/4" x 6' Bury	1" Galv.	99.5"	15.5 lbs
ENL7507	6 42367 41830 4	3/4" x 7' Bury	1" Galv.	111.5"	16.5 lbs
ENL7508	6 42367 41831 1	3/4" x 8' Bury	1" Galv.	123.5"	17.5 lbs
ENL7510	6 42367 41833 5	3/4" x 10' Bury	1" Galv.	147.5"	19.5 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 ENL7504 - 4' bury below ground with 28" above ground or 6' - 3-1/2" total length.

No-Lead EML-5000 Series Hydrants

Order Number	UPC Bar Code (Qty. 1)	Pipe Connection x Pipe Depth	Pipe Size	Overall Length	Approx. Wt./Lbs.
EMNL7501	6 42367 41834 2	3/4" x 1' Bury	1" Galv.	39.5"	9.5 lbs
EMNL75015	6 42367 42774 0	3/4" x 1-1/2' Bury	1" Galv.	45.5"	10.5 lbs
EMNL7502	6 42367 41835 9	3/4" x 2' Bury	1" Galv.	51.5"	11.5 lbs
EMNL7503	6 42367 41836 6	3/4" x 3' Bury	1" Galv.	63.5"	12.5 lbs
EMNL7504	6 42367 41837 3	3/4" x 4' Bury	1" Galv.	75.5"	13.5 lbs
EMNL7505	6 42367 41838 0	3/4" x 5' Bury	1" Galv.	87.5"	14.5 lbs
EMNL7506	6 42367 41839 7	3/4" x 6' Bury	1" Galv.	99.5"	15.5 lbs
EMNL7507	6 42367 41840 3	3/4" x 7' Bury	1" Galv.	111.5"	16.5 lbs
EMNL7508	6 42367 41841 0	3/4" x 8' Bury	1" Galv.	123.5"	17.5 lbs
EMNL7510	6 42367 41842 7	3/4" x 10' Bury	1" Galv.	147.5"	19.5 lbs

*with metal packing gland

PARTS AND ACCESSORIES

Parts List

Part Description	Part Number
No-Lead Head Casting (includes GNL-6)	BNL-1T
Stainless Steel 1/4" Hex Head Bolt	C-5
No-Lead Hose Thread Adapter	GNL-6
Lever Casting	P-10
Lever Bolt & Nut	P-15
Draw Straps (per pair)	G-20
Pivot Connector	B-25
Packing Nut	C-30
Packing Gland	C-31
Metal Packing Nut	C30-ZPS
Metal Packing Gland	C31-ZPS
Valve Steam Packing	C-35
O-Ring Seal	OR116
○ No-Lead Valve Body	CNL-40T
5/16" Operating Rod	C-57
1" No-Lead Galvanized Pipe	C-60
Plunger	C-115
No-Lead Head Assembly – Parts No. BNL-1T, B-25, C-5, 30, 31, 35, GNL-6, G-20, OR116, P-10, 15	BNL-121
EMNL-5000 No-Lead Head Assembly – Parts No. BNL-1T, B-25, C-5, 30-ZPS, 31-ZPS, 35, GNL-6, G-20, OR-116, P-10, 15	BMNL-121
Packing Gland Assembly – Parts No. C30, C31, C-35, OR116	C-131
Packing Gland Assembly – Parts No. C30-ZPS, C31-ZPS, C-35, OR116	C131-ZPS
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
Tees	
○ RBHTNL75	No-Lead 3/4" NPT x 3/4" Plastic Pipe Tee
○ RBHTNL7510	No-Lead 3/4" NPT x 1" Plastic Pipe Tee
No-Lead Vacuum Breakers	
○ BVBADNL75	3/4" Hose - Automatic Drain, No-Lead
○ BVBNL75M	3/4" Hose - Manual Drain, No-Lead



Parts Kit "E" PKE

Qty.	Part Number
4	C-5
3 Pr.	G-20
2	B-25
3	C-30
3	C-31
3	OR116
3	C-35
3	C-115



Parts Kit "EF" PKEF

Qty.	Part Number
1	C-5
1 Pr.	G-20
1	B-25
1	C-30
1	C-31
1	OR116
1	C-35
1	C-115



Parts Kit "EM" PKEM

Qty.	Part Number
4	C-5
3 Pr.	G-20
2	B-25
3	C30-ZPS
3	C31-ZPS
3	OR116
3	C-35
3	C-115



Parts Kit "EFM" PKEFM

Qty.	Part Number
1	C-5
1 Pr.	G-20
1	B-25
1	C30-ZPS
1	C31-ZPS
1	OR116
1	C-35
1	C-115



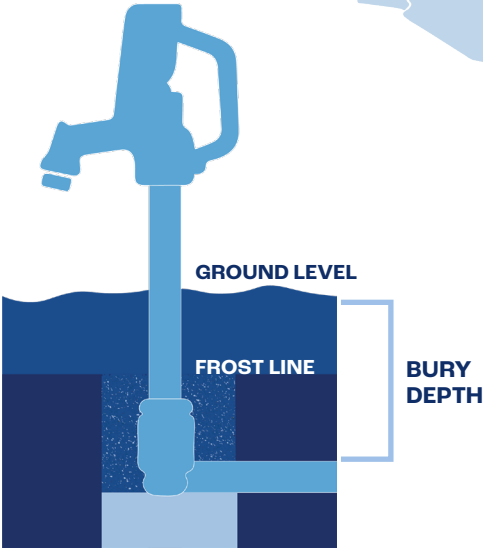
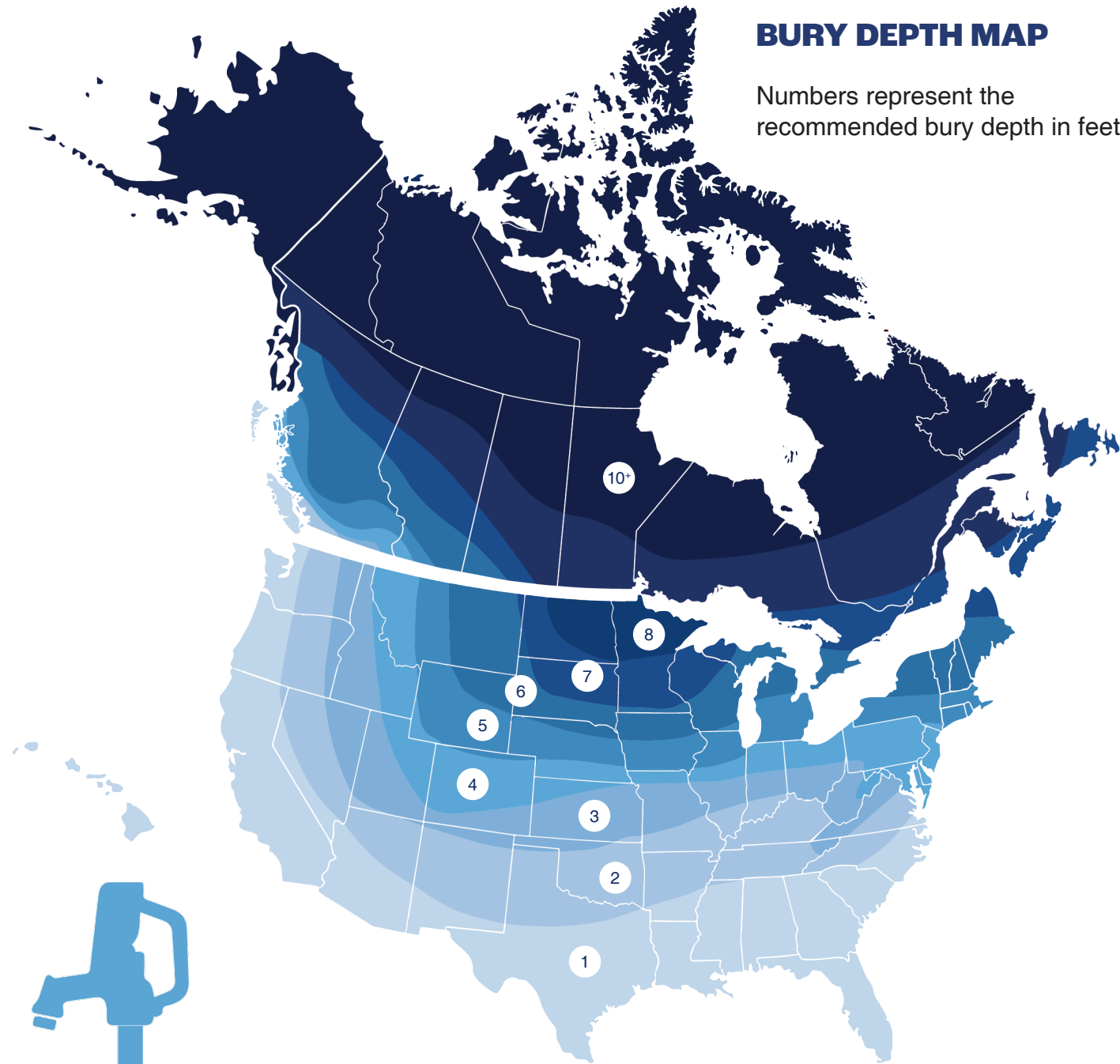
Parts Kit "EP" PKEP

Qty.	Part Number
1	C-35
1	C-115
1	A-250



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.

