MERRILL MANUFACTURING

C-1000

BEST SELLER BUILT TO LAST FOREVER.

C-1000 Series Frost-Proof Yard Hydrants



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

C-1000 SERIES

ONE HYDRANT. FOUR SEASONS.

Merrill has produced top-quality yard hydrants for more than 75 years, and now powder coating makes C-1000 hydrants even better. Powder coating greatly enhances resistance to corrosion, UV light and abrasion, so you get all-weather performance that lasts for years.






MERRILL MFG.CO
C-1000

FEATURES AND BENEFITS

A **Part Number: ANL-1**
Heavy-duty, thick-walled head casting

B **Part Number: NL-6/GNL-6**
Heavy-duty solid hose adapter threaded for standard 3/4" hose coupling ensures the perfect fit.

C **Part Number: P-11**
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. It also has a locking hole designed to resist breakage.

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: G-45**
The stainless steel rod stem is polished, which will not cut the packing and packing nut, resulting in longest operating life.

K **Part Number: P-60**
1" or 1-1/4" galvanized pipe

K-L **Part Number: Standpipe/ Valve Body Connection**
There are no exposed threads on the standpipe where the pipe meets the valve body. The threads are coated with bitumastic to prevent rusting underground and extending the life of the hydrant.

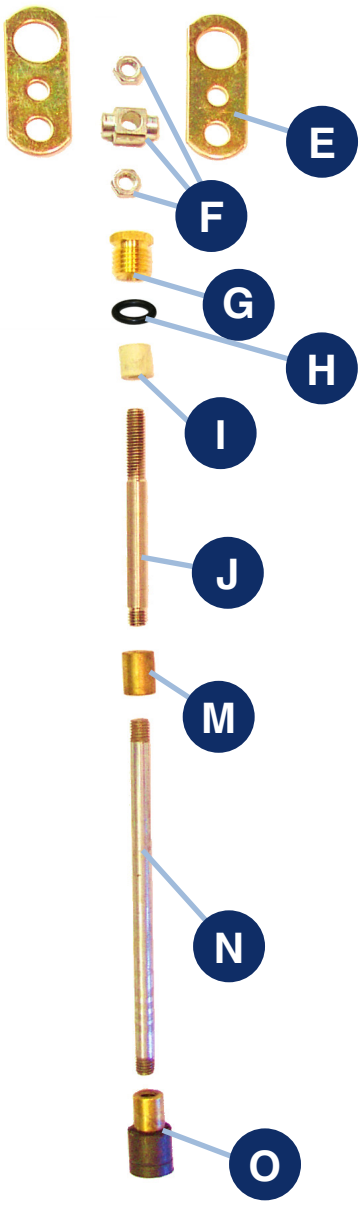
L **Part Number: ANL-40/RNL-40**
Heavy-duty, thick-walled valve body, making it strong and resistant to breakage.

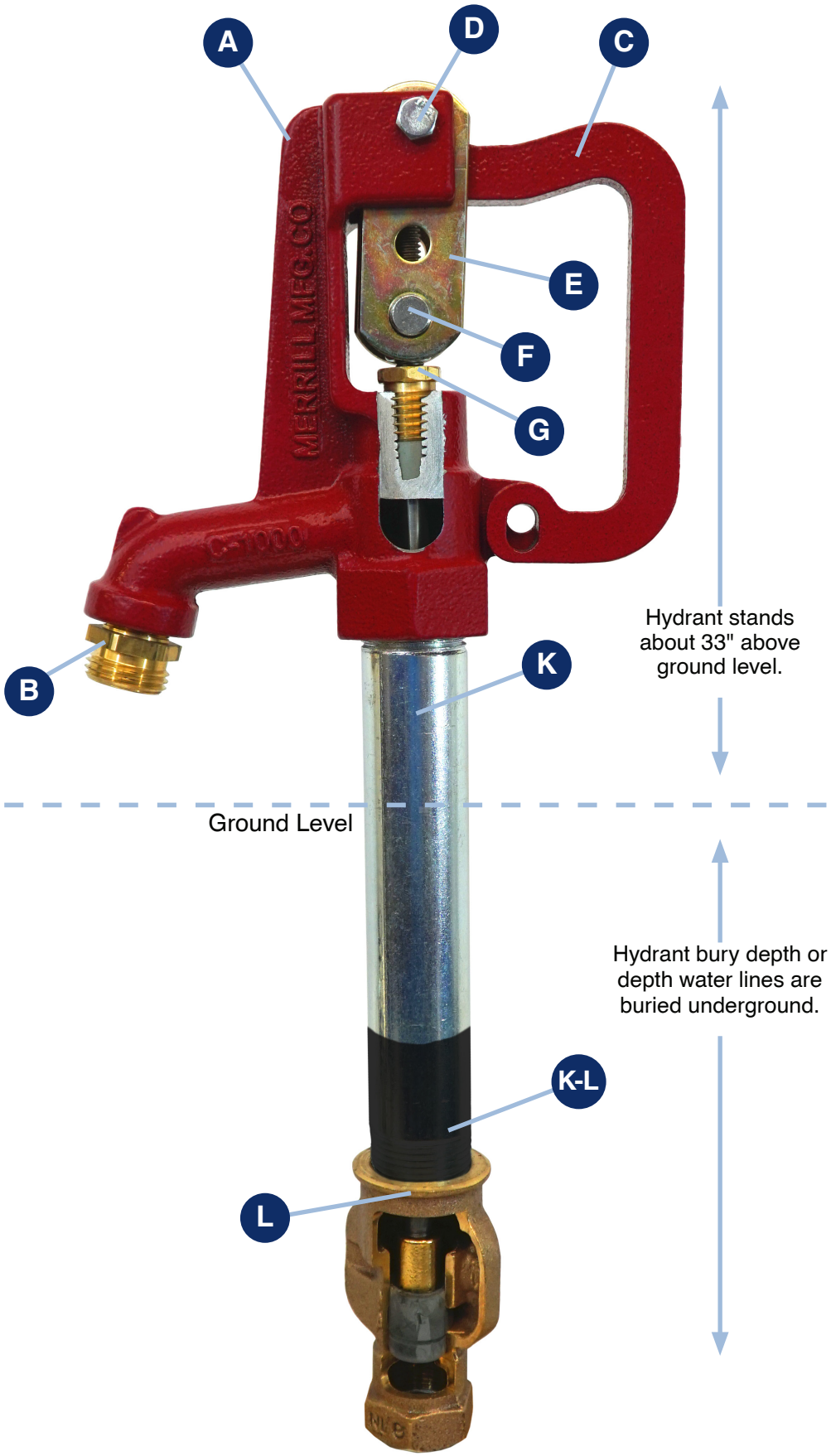
M **Part Number: P-50**
Rod connector

N **Part Number: P-56**
3/8" Operating Rod

O **Part Number: A-115**
Self-lubricating plunger prevents rubber from bonding to the valve body, with the longest operating life in a one piece design.

ALS No-Lead


E
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A
D
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C-1000
Hydrant stands about 33" above ground level.
Ground Level
Hydrant bury depth or depth water lines are buried underground.
K-L
L

STANDARD SPECIFICATIONS

No Lead

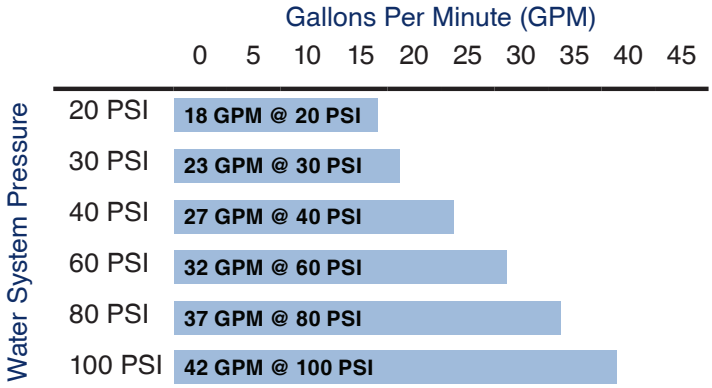
No-Lead 3/4"

NSF/ANSI/CAN 372 Standard
Inlet: 3/4" NPT in Heavy No Lead Casting
Outlet: 3/4" No Lead Hose Adapter
Stainless Steel Operating Stem Thru Teflon® Packing
Self-Lubricating Plunger
No Lead Brass Valve Body
1" Galvanized Stand Pipe
3/8" Operating Rod

Stainless Steel 3/4"

Inlet: 3/4" NPT in Heavy No Lead Casting
Outlet: 3/4" No Lead Hose Adapter
Stainless Steel Operating Stem Thru Teflon® Packing
Self-Lubricating Plunger
304 Stainless Steel Valve Body
1" Stainless Steel Stand Pipe
3/8" Stainless Steel Operating Rod

C-1000 3/4" Flow Rates



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

No-Lead 3/4" CNL-1000 Frost-Proof Yard Hydrants

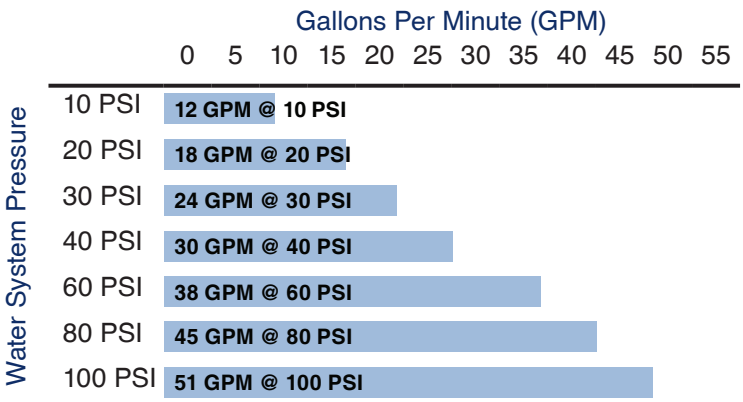
Order Number	UPC Bar Code (Qty. 1)	Pipe Connection x Pipe Depth	Pipe Size	Overall Length	Approx. Wt./Lbs.
CNL7501	6 42367 10872 4	3/4" x 1' Bury	1" Galv.	44.5"	11.0 lbs
CNL75015	6 42367 10903 5	3/4" x 1-1/2' Bury	1" Galv.	50.5"	12.0 lbs
CNL7502	6 42367 10873 1	3/4" x 2' Bury	1" Galv.	56.5"	13.0 lbs
CNL7503	6 42367 10874 8	3/4" x 3' Bury	1" Galv.	68.5"	15.0 lbs
CNL7504	6 42367 10875 5	3/4" x 4' Bury	1" Galv.	80.5"	17.0 lbs
CNL7505	6 42367 10881 6	3/4" x 5' Bury	1" Galv.	92.5"	19.0 lbs
CNL7506	6 42367 10882 3	3/4" x 6' Bury	1" Galv.	104.5"	21.0 lbs
CNL7507	6 42367 10883 0	3/4" x 7' Bury	1" Galv.	116.5"	23.0 lbs
CNL7508	6 42367 10904 2	3/4" x 8' Bury	1" Galv.	128.5"	25.0 lbs
CNL7510	6 42367 10905 9	3/4" x 10' Bury	1" Galv.	152.5"	29.0 lbs

Stainless Steel 3/4" CSS-1000 Frost-Proof Yard Hydrants

Order Number	UPC Bar Code (Qty. 1)	Pipe Connection x Pipe Depth	Pipe Size	Overall Length	Approx. Wt./Lbs.
CSS7501	6 42367 44258 3	3/4" x 1' Bury	1" Stainless Steel	44.5"	12.0 lbs
CSS75015	6 42367 44259 0	3/4" x 1-1/2' Bury	1" Stainless Steel	50.5"	13.1 lbs
CSS7502	6 42367 44260 6	3/4" x 2' Bury	1" Stainless Steel	56.5"	14.3 lbs
CSS7503	6 42367 44261 3	3/4" x 3' Bury	1" Stainless Steel	68.5"	16.7 lbs
CSS7504	6 42367 44262 0	3/4" x 4' Bury	1" Stainless Steel	80.5"	19.0 lbs
CSS7505	6 42367 44263 7	3/4" x 5' Bury	1" Stainless Steel	92.5"	21.3 lbs
CSS7506	6 42367 44264 4	3/4" x 6' Bury	1" Stainless Steel	104.5"	23.7 lbs
CSS7507	6 42367 44265 1	3/4" x 7' Bury	1" Stainless Steel	116.5"	26.0 lbs
CSS7508	6 42367 44266 8	3/4" x 8' Bury	1" Stainless Steel	128.5"	28.3 lbs
CSS7510	6 42367 44267 5	3/4" x 10' Bury	1" Stainless Steel	152.5"	33.0 lbs

NOTE: Stainless steel valve body, pipe and operating rod.

C-1000 1" Flow Rates



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

HIGH CAPACITY SPECIFICATIONS

No-Lead High Capacity 1"

Inlet: 1" NPT in Heavy No Lead Casting
Outlet: 3/4" No Lead Hose Adapter
Stainless Steel Operating Stem Thru Teflon® Packing
Self-Lubricating Plunger
No Lead Brass Valve Body
1" Galvanized Stand Pipe
3/8" Operating Rod

High Capacity Stainless Steel 1"

Inlet: 1" NPT in Stainless Steel Casting
Outlet: 3/4" No Lead Hose Adapter
Stainless Steel Operating Stem Thru Teflon® Packing
Self-Lubricating Plunger
304 Stainless Steel Valve Body
1" Stainless Steel Stand Pipe
3/8" Stainless Steel Operating Rod

No-Lead High Capacity 1" CNL-1000 Frost-Proof Yard Hydrants

Order Number	UPC Bar Code (Qty. 1)	Pipe Connection x Pipe Depth	Pipe Size	Overall Length	Approx. Wt./Lbs.
CNL101	6 42367 42111 3	1" x 1' Bury	1" Galv.	44.5"	11.0 lbs
CNL1015	6 42367 42112 0	1" x 1-1/2' Bury	1" Galv.	50.5"	12.0 lbs
CNL102	6 42367 42043 7	1" x 2' Bury	1" Galv.	56.5"	13.0 lbs
CNL103	6 42367 42042 0	1" x 3' Bury	1" Galv.	68.5"	15.0 lbs
CNL104	6 42367 42044 4	1" x 4' Bury	1" Galv.	80.5"	17.0 lbs
CNL105	6 42367 42045 1	1" x 5' Bury	1" Galv.	92.5"	19.0 lbs
CNL106	6 42367 42113 7	1" x 6' Bury	1" Galv.	104.5"	21.0 lbs
CNL107	6 42367 42114 4	1" x 7' Bury	1" Galv.	116.5"	23.0 lbs
CNL108	6 42367 42115 1	1" x 8' Bury	1" Galv.	128.5"	25.0 lbs
CNL110	6 42367 42116 8	1" x 10' Bury	1" Galv.	152.5"	29.0 lbs

High Capacity Stainless Steel 1" CSS-1000 Frost-Proof Yard Hydrants

Order Number	UPC Bar Code (Qty. 1)	Pipe Connection x Pipe Depth	Pipe Size	Overall Length	Approx. Wt./Lbs.
CSS101	6 42367 44268 2	1" x 1' Bury	1-1/4" Stainless Steel	44.5"	12.0 lbs
CSS102	6 42367 44269 9	1" x 2' Bury	1-1/4" Stainless Steel	56.5"	14.3 lbs
CSS103	6 42367 44270 5	1" x 3' Bury	1-1/4" Stainless Steel	68.5"	16.7 lbs
CSS104	6 42367 44271 2	1" x 4' Bury	1-1/4" Stainless Steel	80.5"	19.0 lbs
CSS105	6 42367 44272 9	1" x 5' Bury	1-1/4" Stainless Steel	92.5"	21.3 lbs
CSS106	6 42367 44273 6	1" x 6' Bury	1-1/4" Stainless Steel	104.5"	23.7 lbs
CSS107	6 42367 44274 3	1" x 7' Bury	1-1/4" Stainless Steel	116.5"	26.0 lbs
CSS108	6 42367 44275 0	1" x 8' Bury	1-1/4" Stainless Steel	128.5"	28.3 lbs
CSS110	6 42367 44276 7	1" x 10' Bury	1-1/4" Stainless Steel	153.5"	33.0 lbs

NOTE: Stainless steel valve body, pipe and operating rod.

PARTS AND ACCESSORIES

Parts List

	Part Description	3/4" Part Number	1" Part Number
○	No-Lead Head Casting (Includes GNL-6 & G-35)	ANL-1	ANL-1
○	Nylon Hose Adapter	NL-6	NL-6
○	No Lead Hose Adapter	GNL-6	GNL-6
	Lever Casting	P-11	P-11
	Lever Bolt & Nut	P-15	P-15
	Draw Straps (Per Pr.)	G-20	G-20
	Pivot Connector & Nuts	G-25	G-25
	Packing Nut	G-30	G-30
	O-Ring	OR110	OR110
○	Valve Stem Packing	G-35	G-35
○	Valve Body	ANL-40	RNL-40
○	No Lead Stainless Steel Valve Body	ASS-40	RSS-40
○	Stainless Steel Rod	G-45	G-45
○	Rod Connector	P-50	P-50
○	3/8" Operating Rod	P-56	P-56
○	Galvanized Pipe	P-60	P-60
○	Plunger	A-115	A-115
	Head Assembly - Parts No. ANL-1, GNL-6, OR110, G-20, 25, 30, 35, 45, P-11, 15, 50	ANL-121	ANL-121
	Container of Silicone Lube	A-250	A-250

Parts Kit "C" PKC

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





WEATHER ANY SEASON

Merrill's powder coating greatly enhances resistance to corrosion, UV and abrasion, so C-1000 hydrants keep working whether there's summer heat or winter chill.

○ CA Certified (No-Lead).

No-Lead

Optional Accessories List

	Order No.	Part Description
	Elbows	
O	RBHENL75	No-Lead 3/4" NPT x 3/4" Plastic Pipe Elbow
O	RBHENL100	No-Lead 3/4" NPT x 1" Plastic Pipe Elbow
O	RBHENL1000	No-Lead 1" NPT x 1" Plastic Pipe Elbow
O	SSHE75	Stainless Steel 3/4" NPT x 3/4" Plastic Pipe Elbow
O	SSHE100	Stainless Steel 3/4" NPT x 1" Plastic Pipe Elbow
O	SSHE1000	Stainless Steel 1" NPT x 1" Plastic Pipe Elbow
	Tees	
O	RBHTNL75	No-Lead 3/4" NPT x 3/4" Plastic Pipe Tee
O	RBHTNL7510	No-Lead 3/4" NPT x 1" Plastic Pipe Tee
O	RBHTNL1000	No-Lead 1" NPT x 1" Plastic Pipe Tee
O	SSHT75	Stainless Steel 3/4" NPT x 3/4" Plastic Pipe Tee
O	SSHT7510	Stainless Steel 3/4" NPT x 1" Plastic Pipe Tee
	PTFEGSS50260	1/2" x 260" Grey Nickel Sealant Tape
	IG2	2 oz. AQUA-SEAL Compound
	No-Lead Vacuum Breakers	
O	BVBADNL75	3/4" Hose - Automatic Drain
	BVBNL75M	3/4" Hose - Manual Drain

O CA Certified (No-Lead).



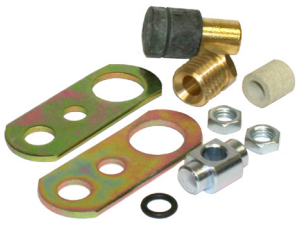
Parts Kit "CP" High Capacity PKCP

Qty.	Part Number
1 Pr.	G-35
1	A-115
1	A-250
1	OR110



Parts Kit "CF" PKCF

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



C-1000 SERIES

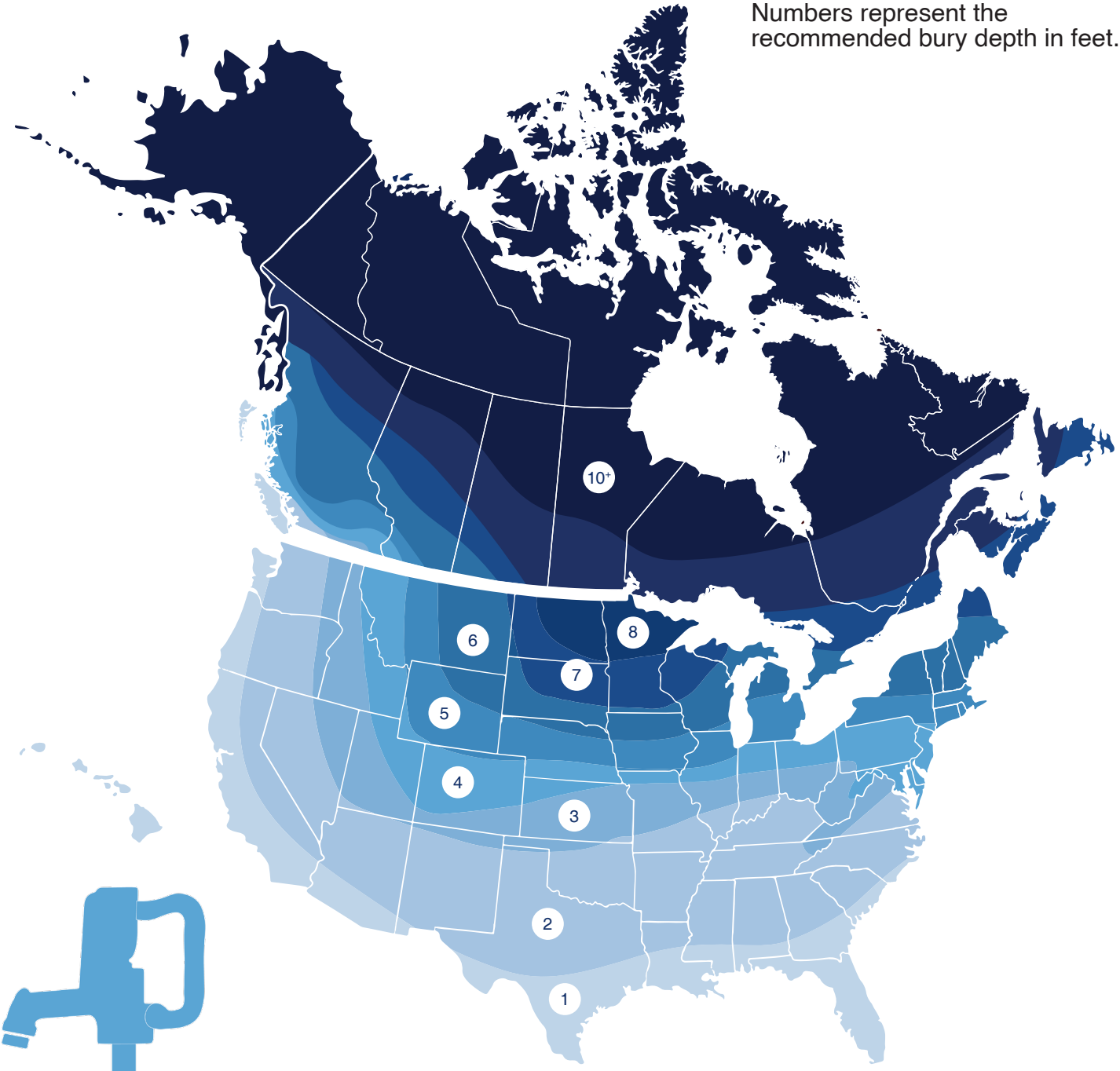
WORKING HOURS:

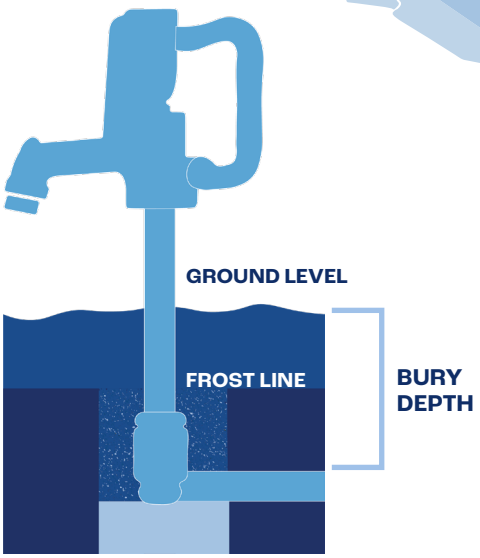
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BURY DEPTH MAP

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.



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