

R-6000 & RNL-6000 HIGH CAPACITY SERIES

FROST PROOF YARD HYDRANT FEATURES/BENEFITS

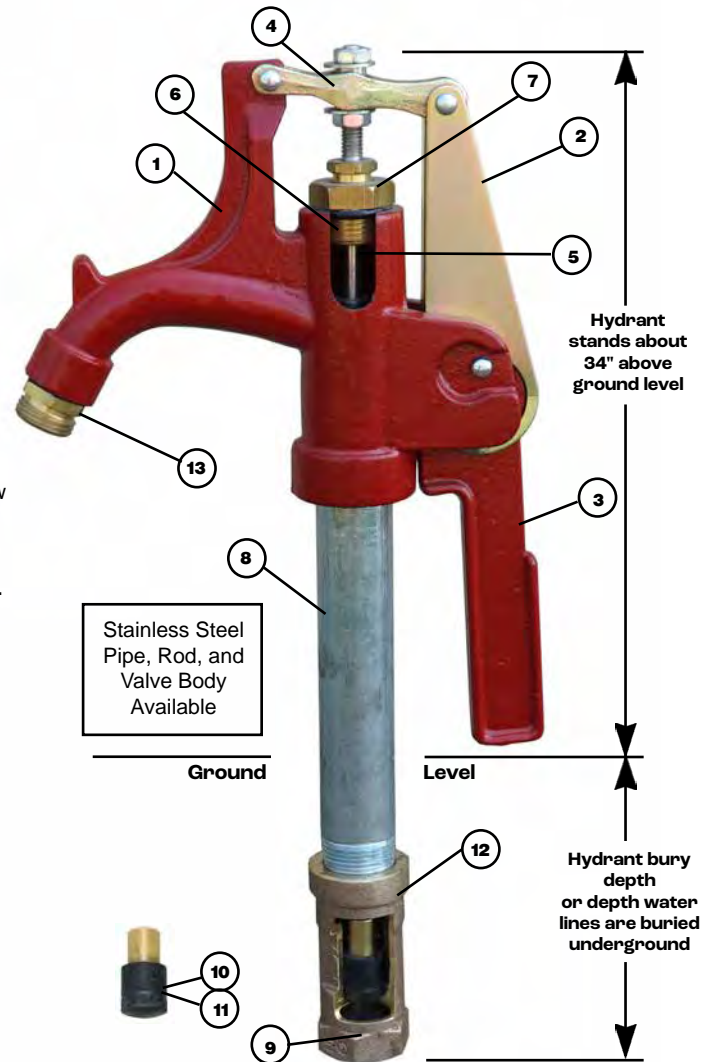
- (1) **ALL-WEATHER POWDER-COAT FINISH HEAVY CAST IRON HEAD** with full flow design
BENEFIT: Stands up to abuse and has high flow rate
- (2) **DRAW STRAPS** are made of 1040 hot rolled steel which is much harder (Brinell 175/200) and stronger, greatly reduces wear of straps and eliminates side pull on operating rod.
BENEFIT: Longest operating life.
- (3) **ALL-WEATHER POWDER-COAT FINISH HEAVY CAST IRON HANDLE**
BENEFIT: Easy to grip and longer life
- (4) **ROCKER ARM AND OPERATING ROD WITH TWO NUTS** provides simple positive adjustment and eliminates unreliable set screws used by other companies.
BENEFIT: Adjustable for years, not like rusting set screw.
- (5) **EASY TO ADJUST** stainless steel operating stem
BENEFIT: Longest life - Quality material
- (6) **PACKING GLAND WITH PACKING**
BENEFIT: Non-corrosive packing gland with longest lasting packing - A better quality packing than used by others.
- (7) **EASY PLUNGER REPLACEMENT** by removing packing gland and lifting out plunger thru head assembly - No need to unscrew head from riser pipe
BENEFIT: Quick plunger replacement
- (8) **SCHEDULE 40 GALVANIZED RISER PIPE OR STAINLESS STEEL**
BENEFIT: Long lasting riser pipe
- (9) **1" VALVE INLET SIZE**
BENEFIT: Easy installation and better flow rate
- (10) **ONE PIECE MOLDED PLUNGER WITH LUBRICANT** uses double seal design to assure positive shut-off even when foreign particles are present. Plunger positively opens drain to prevent freezing, and positively closes drain even at slow flow rates.
BENEFIT: Economical design that still closes drain hole before flow starts.
- (11) **LONG LIFE PLUNGER** is molded with ethylene propylene material that is self-lubricating and will not bond to valve body like rubber plunger used by other companies.
BENEFIT: Longest operating life in one piece design.
- (12) **DOUBLE BYPASS VALVE BODY** provides a large volume of water and the time-proven design used for over seventy-five years.
BENEFIT: High water flow with economical design.
- (13) **HEAVY-DUTY SOLID BRASS OR NO-LEAD BRASS HOSE ADAPTER** threaded for standard 3/4" hose coupling.
BENEFIT: Standard hose fitting readily available.

Hydrant Ells-Tees
(Optional)



Industries Best - 75 years
Proven Performer

**Merrill R-6000/RNL-6000 Series
Frost Proof Yard Hydrant**
Gives year 'round Water Service,
Drains Below Frost Line When Shut Off, and
features a Powder Coated Head which
enhances resistance to corrosion,
UV and abrasion.



SPECIFICATIONS

R-6000/RNL-6000 Series Yard Hydrant

Inlet - 1" NPT	Heavy Cast Iron Head
Outlet - 3/4" Hose Thread Adapter	Heavy Cast Valve Body with two flow ways
Stainless Steel Operating Stem	Molded Rubber Plunger made of self-lubricating material
Packing	
1" Galvanized Pipe	



No-Lead

R-6000 & RNL-6000 HIGH CAPACITY SERIES

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 the R104 - 4' bury below ground with 34" above ground or 6' - 9-1/2".

SPECIFICATIONS High Capacity 1" R-6000 (R)

- Inlet - 1" NPT in Heavy Casting
Outlet - 3/4" Hose Thread Adapter
Stainless Steel Operating Stem Thru Packing
Self-Lubricating Plunger
1" Galvanized Stand Pipe
3/8" Operating Rod

SPECIFICATIONS High Capacity Stainless Steel

1" RNLSS-6000 (RNLSS)

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

SPECIFICATIONS No-Lead High Capacity 1" RNL-6000 (RNL)

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

HIGH CAPACITY R-6000 FROST PROOF HYDRANTS

Table with 6 columns: Order No., UPC Bar Code (Qty. 1), Pipe Connection x Pipe Depth, Pipe Size, Overall Length, Approx. Wt./Lbs. Lists models R101 through R110.

HIGH CAPACITY STAINLESS STEEL RNLSS-6000 FROST PROOF HYDRANTS

Table with 6 columns: Order No., UPC Bar Code (Qty. 1), Pipe Connection x Pipe Depth, Pipe Size, Overall Length, Approx. Wt./Lbs. Lists models RNLSS101 through RNLSS110.

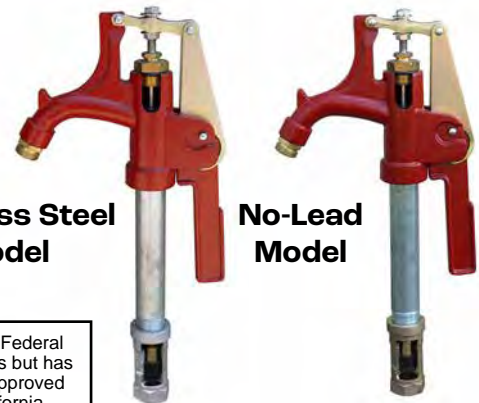
NO-LEAD HIGH CAPACITY RNL-6000 FROST PROOF HYDRANTS

Table with 6 columns: Order No., UPC Bar Code (Qty. 1), Pipe Connection x Pipe Depth, Pipe Size, Overall Length, Approx. Wt./Lbs. Lists models RNL101 through RNL110.

R-6000/RNL-6000 Hydrant Flow Rates

Flow rate table with columns for Water System Pressure and Gallons Per Minute (GPM) at various pressures (20, 30, 40, 60, 80, 100 PSI).

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



Stainless Steel Model

No-Lead Model



WARNING: This product can expose you to lead, which is known to the State of California to cause cancer, birth defects or other reproductive harm. (For more information go to www.p65warnings.ca.gov)



WARNING: This product meets Federal USA Drinking Water requirements but has not been specifically tested or approved as no-lead in the State of California.

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⚠ Lead



MERRILL
MANUFACTURING



Ⓢ No-Lead

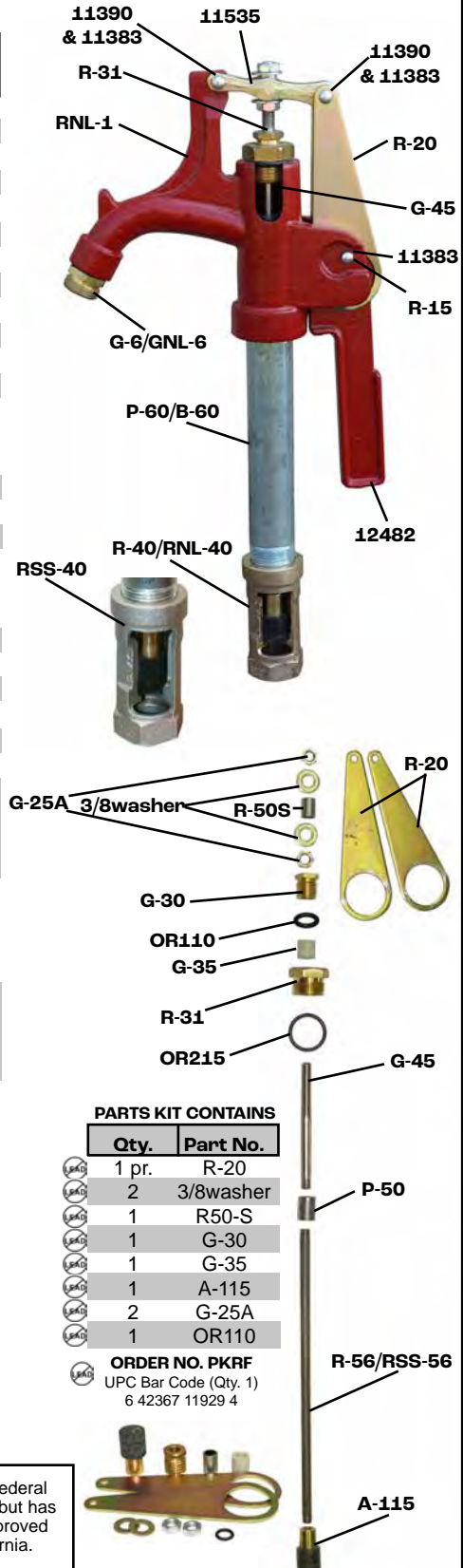


❖ CA. Certified

R-6000 & RNL-6000 HIGH CAPACITY PARTS

PARTS LIST

Part No.	UPC Bar Code (Qty. 1)	Part Description
Ⓢ RNL-1	6 42367 45218 6	Head Casting (Includes G-35)
Ⓢ 11535	6 42367 11014 7	Rocker Arm
Ⓢ 12482	6 42367 11015 4	Lever Arm
⚠ G-6	6 42367 11756 6	Hose Thread Adapter
Ⓢ GNL-6	6 42367 41048 3	No-Lead Hose Thread Adapter
Ⓢ R-20	6 42367 11757 3	Draw Straps (Per Pr.)
Ⓢ G-25A	6 42367 11774 0	3/8" Jam Nut
Ⓢ 3/8washer	6 42367 11773 3	3/8" Washer (2 each)
Ⓢ G-45	6 42367 11758 0	Stainless Steel Operating Stem
⚠ R-40	6 42367 11759 7	Brass Valve Body
❖ RNL-40	6 42367 41780 2	No-Lead Valve Body
Ⓢ RSS-40	6 42367 43948 4	No-Lead Stainless Steel Valve Body
Ⓢ G-30	6 42367 01522 0	Packing Nut
Ⓢ OR110	6 42367 09120 0	O-Ring
Ⓢ G-35	6 42367 01523 7	Valve Stem Packing
⚠ R-31	6 42367 11760 3	Packing Gland
Ⓢ OR215	6 42367 09461 4	O-Ring
Ⓢ P-50	6 42367 01994 5	Steel Rod Connector
Ⓢ R-56		3/8" Operating Rod
Ⓢ RSS-56		3/8" Stainless Steel Operating Rod
Ⓢ P-60		1" No-Lead Galvanized Pipe
Ⓢ B-60		1" Stainless Steel Pipe
Ⓢ 11390	6 42367 11098 7	Pivot Pin (2 each)
Ⓢ R-15	6 42367 11776 4	Pivot Pin (1 each)
Ⓢ 11383	6 42367 11099 4	Retainer Clip (3 each)
Ⓢ R-50S	6 42367 11761 0	Sleeve
Ⓢ A-115	6 42367 10212 8	Plunger
⚠ R-121	6 42367 11762 7	Complete Head Assembly G-6, RNL-1, R-31, 11390(2), 11535, R-20(2), G-25A(2), G-30, G-35, G-45, R-15, 12482, 11383(3), R-50S, P-50, 3/8washer(2), OR215, OR110
Ⓢ RNL-121	6 42367 42436 7	Complete No-Lead Head Assembly GNL-6, RNL-1, R-31, 11390(2), 11535, R-20(2), G-25A(2), G-30, G-35, G-45, R-15, 12482, 11383(3), R-50S, P-50, 3/8washer(2), OR215, OR110
⚠ R-121R	6 42367 12641 4	Complete Head Assembly Ritchied Hydrants G-6, RNL-1, R-31, 11390(2), 11535, R-20(2), G-30, G-35, R-15, 12482, 11383(3), R-50S, 3/8washer(2), OR215, OR110
Ⓢ RNL-121R	6 42367 44328 3	Complete No-Lead Head Assembly Ritchied Hydrants GNL-6, RNL-1, R-31, 11390(2), 11535, R-20(2), G-30, G-35, R-15, 12482, 11383(3), R-50S, 3/8washer(2), OR215, OR110



PARTS KIT CONTAINS

Qty.	Part No.
1 pr.	R-20
2	3/8washer
1	R50-S
1	G-30
1	G-35
1	A-115
2	G-25A
1	OR110

ORDER NO. PKRF
UPC Bar Code (Qty. 1)
6 42367 11929 4

Hydrants available with optional Stainless Steel or No-Lead Bronze Hydrant Elbows and Tees. Include number (i.e. **SSHE100**) after Order No.

- Stainless Steel
- ❖ **SSHE100** 3/4" NPT x 1" Plastic Pipe Elbow
 - ❖ **SSHT7510** 3/4" NPT x 1" Plastic Pipe Tee
- No-Lead Bronze
- ❖ **RBHENL100** 3/4" NPT x 1" Plastic Pipe Elbow
 - ❖ **RBHTNL7510** 3/4" NPT x 1" Plastic Pipe Tee



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