



No-Lead



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# B-7000 & BNL-7000 SERIES

## FROST PROOF YARD HYDRANT

### FEATURES/BENEFITS

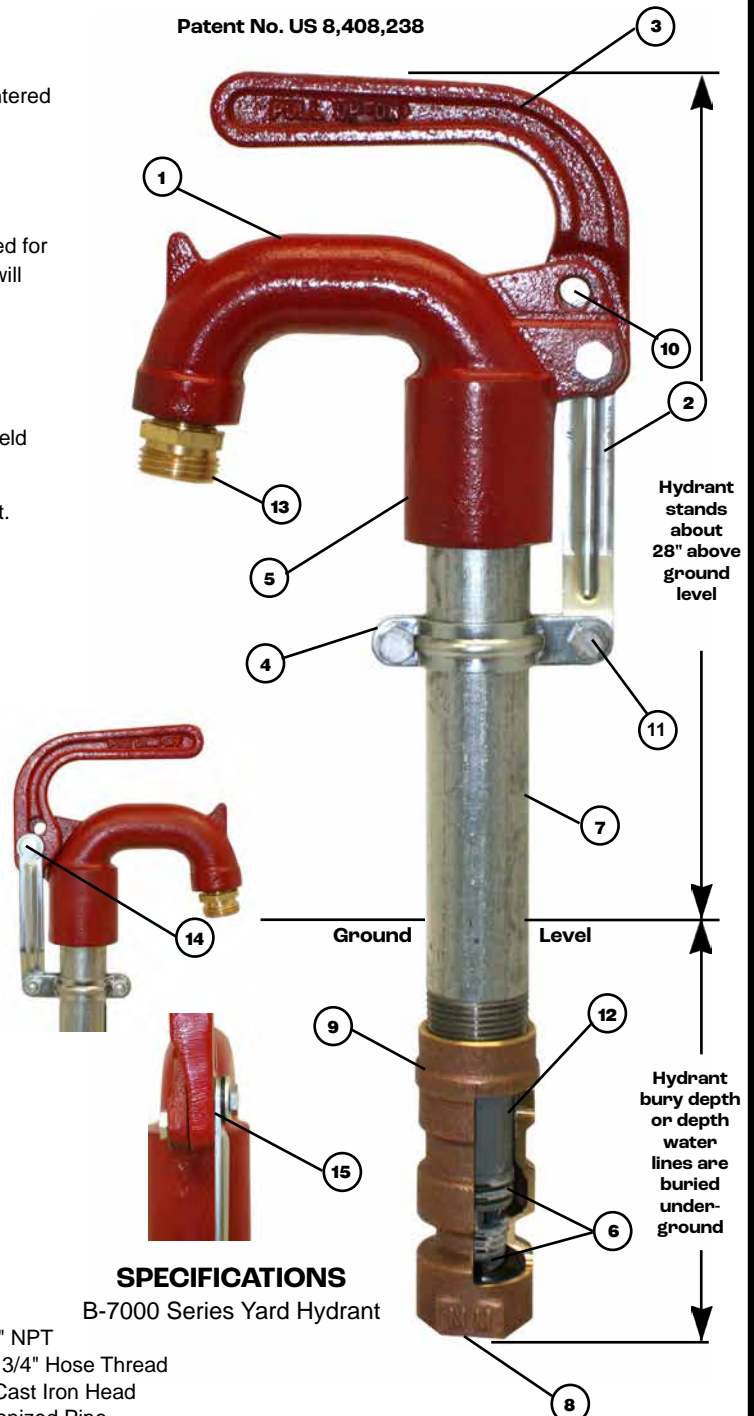
- (1) **HEAVY CAST IRON HEAD** simple "on" flow design  
**BENEFIT:** Stands up to abuse, "on" design has higher flow.
- (2) **ONE LIFTING STRAP** simple ribbed design  
**BENEFIT:** Ribbed design greatly increases strength and centered single strap eliminates side pull.
- (3) **HEAVY CAST IRON HANDLE** simple oversized design  
**BENEFIT:** Very easy to operate, extra room for big hands.
- (4) **NO ADJUSTMENT NEEDED** patented design eliminates need for adjustment (CAUTION: do not push clamp on pipe down - will damage plunger.)  
**BENEFIT:** Design of plunger and valve body automatically adjusts itself - no field guess work.
- (5) **NO PACKING GLAND REQUIRED** simple fool proof design  
**BENEFIT:** No packing or packing gland to service - on site field work very simple.
- (6) **EASY PLUNGER SEAL REPLACEMENT** only loosen one bolt.  
**BENEFIT:** O-ring seals very easy to replace when lift out plunger.
- (7) **1" GALVANIZED RISER PIPE WITH PVC INNER PIPE**  
**BENEFIT:** Sch. 80 PVC inner pipe strong - non-corrosive.
- (8) **1" VALVE INLET SIZE**  
**BENEFIT:** Easy installation and better flow rate.
- (9) **DOUBLE BYPASS VALVE BODY** provides a large volume of water and time-proven design for over seventy-five years.  
**BENEFIT:** High water flow with economical patented design.
- (10) **HYDRANT LOCKING EYE**
- (11) **LEVER STRAP BOLT**
- (12) **ONE PIECE PLUNGER ASSEMBLY**
- (13) **HOSE THREAD FITTING**
- (14) **LEVER PIVOT BOLT**
- (15) **LEVER STRAP PIVOT CONTROL**

**NOTE:** This model of hydrant requires more time to drain itself. If you turn the hydrant back on when it is still draining, water will come out outlet **AND** drain hole. Hydrant is working normally.

## Merrill B-7000 and BNL-7000 Series Frost Proof Yard Hydrant

Gives year 'round water service that drains below the frost line when shut off.

Patent No. US 8,408,238



### SPECIFICATIONS

B-7000 Series Yard Hydrant

Inlet - 1" NPT  
Outlet - 3/4" Hose Thread  
Heavy Cast Iron Head  
1" Galvanized Pipe  
Heavy Cast Brass or No-Lead Brass Valve Body  
with two flow ways Patented Double Cyclinder Valve Body

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⚠ Lead

**MERRILL**  
MANUFACTURING

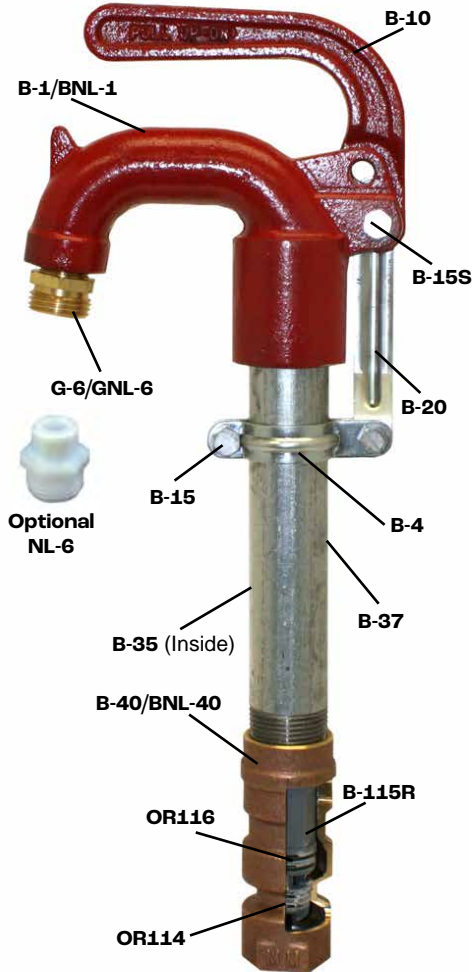
No-Lead



CA. Certified

# B-7000 & BNL-7000 SERIES

## PARTS LIST



### B-7000 & BNL-7000 Hydrant Flow Rate

WATER SYSTEM PRESSURE	GALLONS PER MINUTE (GPM)
	0 5 10 15 20 25 30 35 40 45 50
10 PSI	4 GPM @ 10 PSI
20 PSI	10 GPM @ 20 PSI
30 PSI	12 GPM @ 30 PSI
40 PSI	15 GPM @ 40 PSI
60 PSI	20 GPM @ 60 PSI
80 PSI	22 GPM @ 80 PSI
100 PSI	26 GPM @ 100 PSI

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

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](http://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.

## FROST PROOF YARD HYDRANTS

### STANDARD B-7000 HYDRANTS

Order No.	UPC Bar Code (Qty. 1)	Pipe Connection x Pipe Depth	Pipe Size	Overall Length	Approx. Wt./Lbs.
B101	6 42367 41329 3	1" x 1' Bury	1" Galv.	39.5"	11.0
B102	6 42367 41330 9	1" x 2' Bury	1" Galv.	51.5"	13.0
B103	6 42367 41328 6	1" x 3' Bury	1" Galv.	63.5"	15.3
B104	6 42367 41331 6	1" x 4' Bury	1" Galv.	75.5"	17.0
B105	6 42367 41332 3	1" x 5' Bury	1" Galv.	87.5"	19.0
B106	6 42367 41333 0	1" x 6' Bury	1" Galv.	99.5"	21.0
B107	6 42367 41334 7	1" x 7' Bury	1" Galv.	111.5"	23.0
B108	6 42367 41335 4	1" x 8' Bury	1" Galv.	123.5"	25.0

**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 B104 - 4' bury below ground 28" above ground or 6'-4" total length.

## FROST PROOF YARD HYDRANTS

### NO-LEAD BNL-7000 HYDRANTS

Order No.	UPC Bar Code (Qty. 1)	Pipe Connection x Pipe Depth	Pipe Size	Overall Length	Approx. Wt./Lbs.
BNL101	6 42367 42347 6	1" x 1' Bury	1" Galv.	39.5"	11.0
BNL102	6 42367 42348 3	1" x 2' Bury	1" Galv.	51.5"	13.0
BNL103	6 42367 42349 0	1" x 3' Bury	1" Galv.	63.5"	15.3
BNL104	6 42367 42350 6	1" x 4' Bury	1" Galv.	75.5"	17.0
BNL105	6 42367 42351 3	1" x 5' Bury	1" Galv.	87.5"	19.0
BNL106	6 42367 42352 0	1" x 6' Bury	1" Galv.	99.5"	21.0
BNL107	6 42367 42353 7	1" x 7' Bury	1" Galv.	111.5"	23.0
BNL108	6 42367 42354 4	1" x 8' Bury	1" Galv.	123.5"	25.0

**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 BNL104 - 4' bury below ground 28" above ground or 6'-4" total length.

## PARTS LIST

Part No.	UPC Bar Code (Qty. 1)	Part Description
B-1	6 42367 41576 1	B-7000 Head Casting (Includes G-6)
BNL-1	6 42367 42440 4	B-7000 No-Lead Head Casting (Includes GNL-6)
G-6	6 42367 11756 6	Hose Thread Adapter
NL-6	6 42367 10876 2	Nylon Hose Thread Adapter
GNL-6	6 42367 41048 3	No-Lead Hose Thread Adapter
B-10	6 42367 41577 8	Lever Casting
B-15S	6 42367 41578 5	Lever Bolt
B-15	6 42367 41579 2	Clamp Bolts
B-4	6 42367 41580 8	Pipe Clamp
B-20	6 42367 41581 5	Lifting Strap
G-15A	6 42367 41582 2	Nuts for Clamp Bolt
B-16	6 42367 41583 9	Lever Pivot Control
B-50	6 42367 41584 6	Plunger Coupling
B-115R	6 42367 45238 4	Replacement Plunger Assembly - Parts No. B-115, B-50(2), OR114(2), OR116(2), 1/2" PVC 80
OR114	6 42367 00113 1	Bottom Plunger O-Rings (Std. Size 114)
OR116	6 42367 05481 6	Top Plunger O-Rings (Std. Size 116)
B-40	6 42367 41586 0	Valve Body
BNL-40	6 42367 42408 4	No-Lead Valve Body
B-37		1" Galvanized Pipe
B-35		PVC Riser

## PARTS KIT "BF" CONTAINS



### ORDER NO. PKBF

UPC Bar Code (Qty. 1)  
6 42367 41598 3

Qty.	Part Number
1	B-20 Lifting Strap
1	B-15S Lever Bolt
2	B-15 Clamp Bolts
2	G-15A Nuts for Clamp Bolt
2	OR114 Bottom Plunger O-Rings
2	OR116 Top Plunger O-Rings