

NEW All-Weather  
Powder-Coat Finish



**MERRILL**  
MANUFACTURING

**1**

## C-1000 SERIES

### FROST PROOF YARD HYDRANT FEATURES/BENEFITS

- \***(1) ALL-WEATHER POWDER-COAT FINISH LEVER CONTROL**  
operates by cam principle and pulls straight up on operating rod.  
Provides variable flow from trickle to full flow without lock to hold lever.  
**BENEFIT:** Variable flow with no lock that rusts in place.
- (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) STAINLESS STEEL OPERATING STEM** is ground and polished and will not cut out packing and packing nut, like brass rod used by other companies.  
**BENEFIT:** Best material for operating life.
- (4) HEAVY-DUTY SOLID BRASS OR NO-LEAD BRASS HOSE ADAPTER** threaded for standard 3/4" hose coupling.  
**BENEFIT:** Standard hose fitting readily available.
- (5) ALL-WEATHER POWDER-COAT FINISH HEAVY CAST IRON HEAD** with the same design Merrill has used for over seventy-five years.  
**BENEFIT:** Time-proven design takes years of abuse.
- \***(6) PIVOT CONNECTOR 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.
- (7) NO-LEAD GALVANIZED PIPE OR STAINLESS STEEL PIPE** coated with asphalt paint to prevent rusting at the valve body end.  
**BENEFIT:** No exposed steel on pipe to rust.
- (8) ONE PIECE PLUNGER** 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 even at slow flow rates.  
**BENEFIT:** Economical design that still closes drain hole.
- \***(9) LONG LIFE PLUNGER** is molded with ethylene propylene material that is self-lubricating and will not bond to brass or no-lead brass valve body like rubber plunger used by other companies.  
**BENEFIT:** Longest operating life in one piece design.
- (10) DOUBLE BYPASS VALVE BODY** provides a large volume of water and the time-proven design used for over seventy-five years. (High Capacity - 1" Inlet)  
**BENEFIT:** High water flow with economical design.
- (11) LOCKING EYE** on head and lever allows hydrant to be padlocked shut when not in use.  
**BENEFIT:** Protects from wasting of water.
- \***(12) SWIVEL PARTS** permit withdrawal of moving parts without digging up hydrant. Nothing in head assembly to disconnect or adjust when removing, simply unscrew entire head assembly from galvanized or stainless steel pipe and pull up valve stem with plunger for inspection.  
**BENEFIT:** Very simple repair easily done at ground level.

#### \*EXCLUSIVE MERRILL QUALITY FEATURES

Hydrant Ells-Tees  
(Optional)



**Since 1982**

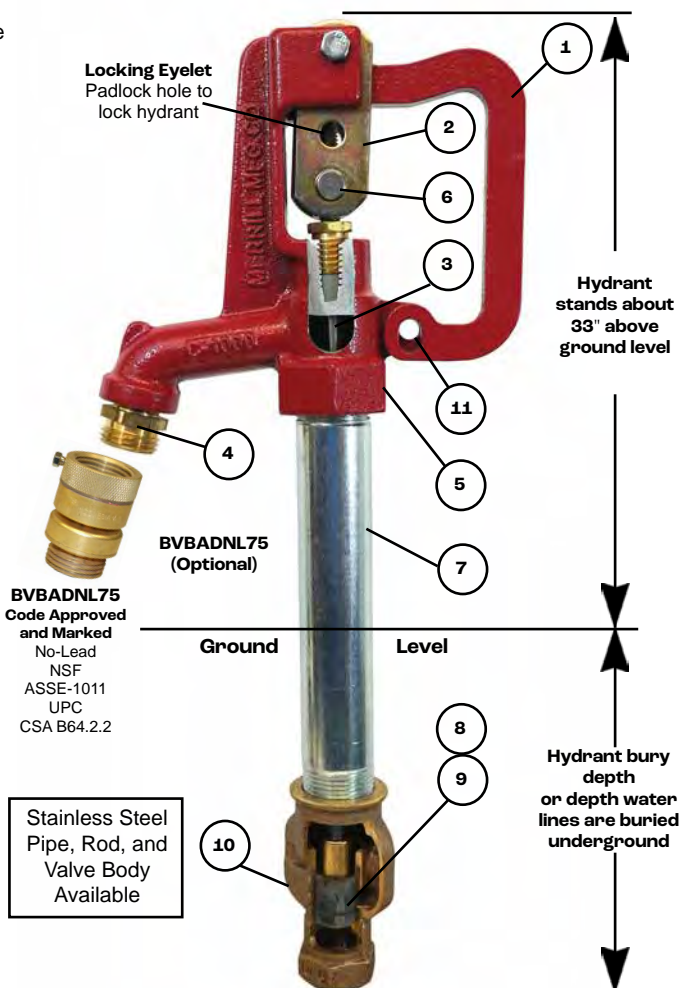
C-1000 No-Lead Model  
Certified to NSF/ANSI/CAN 372 Standard



### Merrill C-1000 Series 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.

The Merrill C-1000 Series, the most popular  
and yet competitive line of yard hydrants, has  
incorporated time-proven materials and the  
small detail improvements discovered over the  
last 75+ Years.



Merrill's C7504 or 4' Bury Hydrant is about 6' 8-1/2" long,  
4' is buried and 33" above ground.



**MERRILL**  
MANUFACTURING



No-Lead

## C-1000 SERIES

### SPECIFICATIONS

#### Standard

#### 3/4" C-1000 (C)

Inlet - 3/4" 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

### STANDARD 3/4" C-1000 FROST PROOF YARD HYDRANTS

Order No.	UPC Bar Code (Qty. 1)	Pipe Connection x Pipe Depth	Pipe Size	Overall Length	Approx. Wt./Lbs.
C7501	6 42367 00988 5	3/4" x 1' Bury	1" Galvanized	44.5"	11.0
C75015	6 42367 00989 2	3/4" x 1-1/2' Bury	1" Galvanized	50.5"	12.0
C7502	6 42367 00991 5	3/4" x 2' Bury	1" Galvanized	56.5"	13.0
C7503	6 42367 00993 9	3/4" x 3' Bury	1" Galvanized	68.5"	15.0
C7504	6 42367 00995 3	3/4" x 4' Bury	1" Galvanized	80.5"	17.0
C7505	6 42367 00997 7	3/4" x 5' Bury	1" Galvanized	92.5"	19.0
C7506	6 42367 00998 4	3/4" x 6' Bury	1" Galvanized	104.5"	21.0
C7507	6 42367 00999 1	3/4" x 7' Bury	1" Galvanized	116.5"	23.0
C7508	6 42367 01000 3	3/4" x 8' Bury	1" Galvanized	128.5"	25.0
C7510	6 42367 01001 0	3/4" x 10' Bury	1" Galvanized	152.5"	29.0

### SPECIFICATIONS

#### Stainless Steel

#### 3/4" CSS-1000 (CSS)

Inlet - 3/4" NPT in Stainless Steel 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

### STAINLESS STEEL 3/4" CSS-1000 FROST PROOF YARD HYDRANTS

Order No.	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
CSS75015	6 42367 44259 0	3/4" x 1-1/2' Bury	1" Stainless Steel	50.5"	13.1
CSS7502	6 42367 44260 6	3/4" x 2' Bury	1" Stainless Steel	56.5"	14.3
CSS7503	6 42367 44261 3	3/4" x 3' Bury	1" Stainless Steel	68.5"	16.7
CSS7504	6 42367 44262 0	3/4" x 4' Bury	1" Stainless Steel	80.5"	19.0
CSS7505	6 42367 44263 7	3/4" x 5' Bury	1" Stainless Steel	92.5"	21.3
CSS7506	6 42367 44264 4	3/4" x 6' Bury	1" Stainless Steel	104.5"	23.7
CSS7507	6 42367 44265 1	3/4" x 7' Bury	1" Stainless Steel	116.5"	26.0
CSS7508	6 42367 44266 8	3/4" x 8' Bury	1" Stainless Steel	128.5"	28.3
CSS7510	6 42367 44267 5	3/4" x 10' Bury	1" Stainless Steel	152.5"	33.0

### SPECIFICATIONS

#### NO LEAD

#### 3/4" CNL-1000 (CNL)

NSF/ANSI/CAN 372 Standard

Inlet - 3/4" 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 Brass Valve Body  
1" Galvanized Stand Pipe  
3/8" Operating Rod



### NO-LEAD 3/4" CNL-1000 FROST PROOF YARD HYDRANTS

Order No.	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" Galvanized	44.5"	11.0
CNL75015	6 42367 10903 5	3/4" x 1-1/2' Bury	1" Galvanized	50.5"	12.0
CNL7502	6 42367 10873 1	3/4" x 2' Bury	1" Galvanized	56.5"	13.0
CNL7503	6 42367 10874 8	3/4" x 3' Bury	1" Galvanized	68.5"	15.0
CNL7504	6 42367 10875 5	3/4" x 4' Bury	1" Galvanized	80.5"	17.0
CNL7505	6 42367 10881 6	3/4" x 5' Bury	1" Galvanized	92.5"	19.0
CNL7506	6 42367 10882 3	3/4" x 6' Bury	1" Galvanized	104.5"	21.0
CNL7507	6 42367 10883 0	3/4" x 7' Bury	1" Galvanized	116.5"	23.0
CNL7508	6 42367 10904 2	3/4" x 8' Bury	1" Galvanized	128.5"	25.0
CNL7510	6 42367 10905 9	3/4" x 10' Bury	1" Galvanized	152.5"	29.0

### C-1000 3/4" Flow Rates

WATER SYSTEM PRESSURE	GALLONS PER MINUTE (GPM)
	0 5 10 15 20 25 30 35 40 45 50
20 PSI	18 GPM @ 20 PSI
30 PSI	23 GPM @ 30 PSI
40 PSI	27 GPM @ 40 PSI
60 PSI	32 GPM @ 60 PSI
80 PSI	37 GPM @ 80 PSI
100 PSI	42 GPM @ 100 PSI

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



**C-1000  
Standard**



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No-Lead



**MERRILL**  
MANUFACTURING

Lead



## C-1000 HIGH CAPACITY SERIES

### SPECIFICATIONS

#### High Capacity 1" C-1000 (C)

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" CSS-1000 (CSS)

Inlet - 1" NPT in Stainless Steel 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" CNL-1000 (CNL)

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 Brass Valve Body  
1" Galvanized Stand Pipe  
3/8" Operating Rod










### HIGH CAPACITY 1" INLET C-1000

#### FROST PROOF YARD HYDRANTS

Order No.	UPC Bar Code (Qty. 1)	Pipe Connection x Pipe Depth	Pipe Size	Overall Length	Approx. Wt./Lbs.
 <b>C101</b>	6 42367 11310 0	1" x 1' Bury	1" Galvanized	44.5"	11.0
 <b>C1015</b>	6 42367 11311 7	1" x 1-1/2' Bury	1" Galvanized	50.5"	12.0
 <b>C102</b>	6 42367 11312 4	1" x 2' Bury	1" Galvanized	56.5"	13.0
 <b>C103</b>	6 42367 11313 1	1" x 3' Bury	1" Galvanized	68.5"	15.0
 <b>C104</b>	6 42367 11314 8	1" x 4' Bury	1" Galvanized	80.5"	17.0
 <b>C105</b>	6 42367 11315 5	1" x 5' Bury	1" Galvanized	92.5"	19.0
 <b>C106</b>	6 42367 11316 2	1" x 6' Bury	1" Galvanized	104.5"	21.0
 <b>C107</b>	6 42367 11317 9	1" x 7' Bury	1" Galvanized	116.5"	23.0
 <b>C108</b>	6 42367 11318 6	1" x 8' Bury	1" Galvanized	128.5"	25.0
 <b>C110</b>	6 42367 11319 3	1" x 10' Bury	1" Galvanized	152.5"	29.0











### HIGH CAPACITY STAINLESS STEEL 1" INLET CSS-1000

#### FROST PROOF YARD HYDRANTS

Order No.	UPC Bar Code (Qty. 1)	Pipe Connection x Pipe Depth	Pipe Size	Overall Length	Approx. Wt./Lbs.
 <b>CSS101</b>	6 42367 44268 2	1" x 1' Bury	1" Stainless Steel	44.5"	12.0
 <b>CSS102</b>	6 42367 44269 9	1" x 2' Bury	1" Stainless Steel	56.5"	14.3
 <b>CSS103</b>	6 42367 44270 5	1" x 3' Bury	1" Stainless Steel	68.5"	16.7
 <b>CSS104</b>	6 42367 44271 2	1" x 4' Bury	1" Stainless Steel	80.5"	19.0
 <b>CSS105</b>	6 42367 44272 9	1" x 5' Bury	1" Stainless Steel	92.5"	21.3
 <b>CSS106</b>	6 42367 44273 6	1" x 6' Bury	1" Stainless Steel	104.5"	23.7
 <b>CSS107</b>	6 42367 44274 3	1" x 7' Bury	1" Stainless Steel	116.5"	26.0
 <b>CSS108</b>	6 42367 44275 0	1" x 8' Bury	1" Stainless Steel	128.5"	28.3
 <b>CSS110</b>	6 42367 44276 7	1" x 10' Bury	1" Stainless Steel	152.5"	33.0

### NO-LEAD HIGH CAPACITY 1" INLET CNL-1000

#### FROST PROOF YARD HYDRANTS

Order No.	UPC Bar Code (Qty. 1)	Pipe Connection x Pipe Depth	Pipe Size	Overall Length	Approx. Wt./Lbs.
 <b>CNL101</b>	6 42367 42111 3	1" x 1' Bury	1" Galvanized	44.5"	11.0
 <b>CNL1015</b>	6 42367 42112 0	1" x 1-1/2' Bury	1" Galvanized	50.5"	12.0
 <b>CNL102</b>	6 42367 42043 7	1" x 2' Bury	1" Galvanized	56.5"	13.0
 <b>CNL103</b>	6 42367 42042 0	1" x 3' Bury	1" Galvanized	68.5"	15.0
 <b>CNL104</b>	6 42367 42044 4	1" x 4' Bury	1" Galvanized	80.5"	17.0
 <b>CNL105</b>	6 42367 42045 1	1" x 5' Bury	1" Galvanized	92.5"	19.0
 <b>CNL106</b>	6 42367 42113 7	1" x 6' Bury	1" Galvanized	104.5"	21.0
 <b>CNL107</b>	6 42367 42114 4	1" x 7' Bury	1" Galvanized	116.5"	23.0
 <b>CNL108</b>	6 42367 42115 1	1" x 8' Bury	1" Galvanized	128.5"	25.0
 <b>CNL110</b>	6 42367 42116 8	1" x 10' Bury	1" Galvanized	152.5"	29.0

### C-1000 1" Flow Rates

WATER SYSTEM PRESSURE	GALLONS PER MINUTE (GPM)
	0 5 10 15 20 25 30 35 40 45 50 55
10 PSI	12 GPM @ 10 PSI
20 PSI	18 GPM @ 20 PSI
30 PSI	24 GPM @ 30 PSI
40 PSI	30 GPM @ 40 PSI
60 PSI	38 GPM @ 60 PSI
80 PSI	45 GPM @ 80 PSI
100 PSI	51 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))



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**C-1000  
High  
Capacity**



# 1



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No-Lead ❖ CA. Certified

## C-1000 PARTS

### PARTS KIT "CP" CONTAINS

Qty.	Part No.	Description
1	G-35	Valve Stem Packing
1	A-115	Plunger
1	A-250	Silicone Lube
1	OR110	O-Ring

**ORDER NO. PKCP**  
UPC Bar Code (Qty. 1)  
6 42367 06513 3



### PARTS KIT "CF" CONTAINS

Qty.	Part No.	Description
1 Pr.	G-20	Draw Straps
1	G-25	Pivot Connector & Nuts
1	G-30	Packing Nut
1	G-35	Valve Stem Packing
1	A-115	Plunger
1	OR110	O-Ring

**ORDER NO. PKCF**  
UPC Bar Code (Qty. 1)  
6 42367 02216 7



### PARTS KIT "C" CONTAINS

Qty.	Part No.	Description
3 Pr.	G-20	Draw Straps
2	G-25	Pivot Connector & Nuts
3	G-30	Packing Nut
3	G-35	Valve Stem Packing
1	G-45	Stainless Steel Rod
3	P-50	Rod Connector
3	A-115	Plunger
3	OR110	O-Ring

**ORDER NO. PKC**  
UPC Bar Code (Qty. 1)  
6 42367 02215 0



### Hydrants Available with Optional No-Lead Vacuum Breakers

❖ **BVBADNL75** 3/4" Hose  
No-Lead Brass Finish  
AUTOMATIC DRAIN - No-Lead

❖ **BVBNL75M** 3/4" Hose  
No-Lead Brass Finish  
MANUAL DRAIN - No-Lead

**BVBADNL75**  
Code Approved  
and Marked  
No-Lead  
NSF  
ASSE-1011  
UPC  
CSA B64.2.2



BVBADNL75

**BVBNL75M**  
Code Approved  
and Marked  
No-Lead  
ASSE-1011  
UPC  
CSA B64.2.2



BVBNL75M

1) C-1000 Yard Hydrants are packaged 12 per master bundle or 4 per box.

2) Hydrants available with optional No-Lead Bronze or Stainless Steel Hydrant Ells or Tees. Include number (i.e. **RBHENL1000**) after Order No.

❖ **RBHENL75** No-Lead 3/4" NPT x 3/4" Plastic Pipe Elbow  
❖ **RBHENL100** No-Lead 3/4" NPT x 1" Plastic Pipe Elbow  
❖ **RBHENL1000** No-Lead 1" 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



❖ **RBHTNL75** No-Lead 3/4" NPT x 3/4" Plastic Pipe Tee  
❖ **RBHTNL7510** No-Lead 3/4" NPT x 1" Plastic Pipe Tee  
❖ **RBHTNL1000** No-Lead 1" 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



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No-Lead



CA. Certified



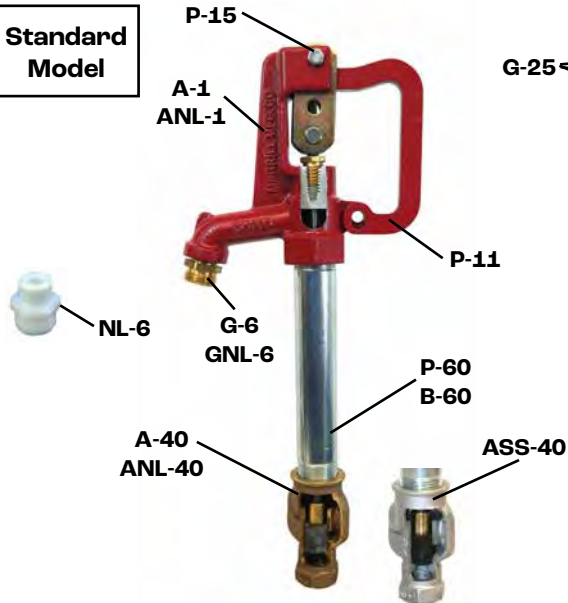
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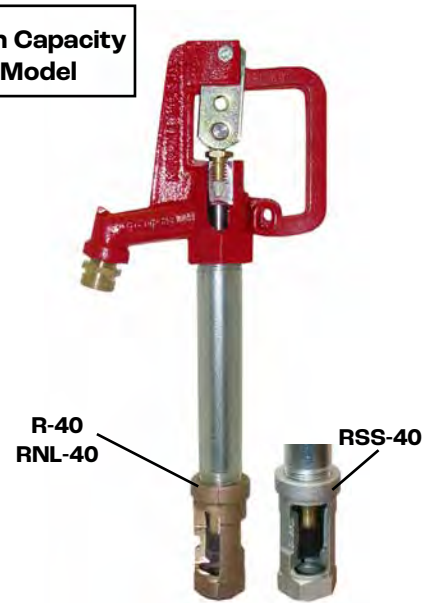
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## C-1000 PARTS

**Standard Model**



**High Capacity Model**



**C-1000 3/4" SIZE PARTS LIST**

Part No.	UPC Bar Code (Qty. 1)	Part Description
⚠ A-1	6 42367 00715 7	Head Casting Includes G-6 & G-35
Ⓢ ANL-1	6 42367 11064 2	No-Lead Head Casting Includes GNL-6, G-35
⚠ G-6	6 42367 01543 5	Hose Thread Adapter
Ⓢ NL-6	6 42367 10876 2	Nylon Hose Thread Adapter
Ⓢ GNL-6	6 42367 41048 3	No-Lead Hose Thread Adapter
Ⓢ P-11	6 42367 09296 2	Lever Casting
Ⓢ P-15	6 42367 01985 3	Lever Bolt & Nut
Ⓢ G-20	6 42367 01514 5	Draw Straps (Per Pr.)
Ⓢ G-25	6 42367 01515 2	Pivot Connector & Nuts
Ⓢ G-30	6 42367 01522 0	Packing Nut
Ⓢ OR110	6 42367 09120 0	O-Ring
Ⓢ G-35	6 42367 01523 7	Valve Stem Packing
⚠ A-40	6 42367 00723 2	3/4" Valve Body
❖ ANL-40	6 42367 10901 1	3/4" No-Lead Valve Body
Ⓢ ASS-40	6 42367 44084 8	No-Lead Stainless Steel Valve Body
Ⓢ G-45	6 42367 01531 2	Stainless Steel Stem
Ⓢ P-50	6 42367 01994 5	Steel Rod Connector
Ⓢ P-56		3/8" Operating Rod
Ⓢ B-56		3/8" Stainless Steel Operating Rod
Ⓢ P-60		1" No-Lead Galvanized Pipe
Ⓢ B-60		1" Stainless Steel Pipe
Ⓢ A-115	6 42367 00717 1	Plunger
⚠ A-121	6 42367 00720 1	Head Assembly Parts No. A-1, G-6, 20, 25, 30, 35, 45, OR110, P-11, P-15, P-50
Ⓢ ANL-121	6 42367 10902 8	No-Lead Head Assembly Parts No. ANL-1, GNL-6, OR110, G-20, 25, 30, 35, 45, P-11, P-15, P-50
Ⓢ A-250	6 42367 07720 4	Container of Silicone Lube

**C-1000 1" SIZE PARTS LIST**

Part No.	UPC Bar Code (Qty. 1)	Part Description
⚠ A-1	6 42367 00715 7	Head Casting Includes G-6 & G-35
Ⓢ ANL-1	6 42367 11064 2	No-Lead Head Casting Includes GNL-6, G-35
⚠ G-6	6 42367 01543 5	Hose Thread Adapter
Ⓢ NL-6	6 42367 10876 2	Nylon Hose Thread Adapter
Ⓢ GNL-6	6 42367 41048 3	No-Lead Hose Thread Adapter
Ⓢ P-11	6 42367 09296 2	Lever Casting
Ⓢ P-15	6 42367 01985 3	Lever Bolt & Nut
Ⓢ G-20	6 42367 01514 5	Draw Straps (Per Pr.)
Ⓢ G-25	6 42367 01515 2	Pivot Connector & Nuts
Ⓢ 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-40	6 42367 11309 4	1" Valve Body
❖ RNL-40	6 42367 41780 2	1" No-Lead Valve Body
Ⓢ RSS-40	6 42367 43948 4	No-Lead Stainless Steel Valve Body
Ⓢ G-45	6 42367 01531 2	Stainless Steel Stem
Ⓢ P-50	6 42367 01994 5	Steel Rod Connector
Ⓢ P-56		3/8" Operating Rod
Ⓢ B-56		3/8" Stainless Steel Operating Rod
Ⓢ P-60		1" No-Lead Galvanized Pipe
Ⓢ B-60		1" Stainless Steel Pipe
Ⓢ A-115	6 42367 00717 1	Plunger
⚠ A-121	6 42367 00720 1	Head Assembly Parts No. A-1, G-6, 20, 25, 30, 35, 45, OR110, P-11, P-15, P-50
Ⓢ ANL-121	6 42367 10902 8	No-Lead Head Assembly Parts No. ANL-1, GNL-6, OR110, G-20, 25, 30, 35, 45, P-11, P-15, P-50
Ⓢ A-250	6 42367 07720 4	Container of Silicone Lube



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