



# American Flow Control

It's What We Know®

AMERICAN-DARLING VALVE AND WATEROUS

OPTIONAL STORZ  
PUMPER CONNECTION

## AWWA PRICE SCHEDULE

EFFECTIVE FEBRUARY 2, 2009

REVISED JUNE 16, 2009

This price schedule supercedes all previous price schedules.  
Prices are subject to change without prior notice.



## Index

ITEM	PAGE NO.	
	PRICES	WEIGHTS
<b>CHAINWHEELS &amp; CHAIN</b> .....	84	89
<b>CHECK VALVES</b>		
AWWA (50 Line & Series 600) .....	63	88
UL/FM (Series 600) .....	73	88
250 P.S.I. DI Resilient Seated .....	62	88
Parts .....	66-71	—
<b>CONDITIONS OF SALES</b> .....	3	—
<b>CUTTING-IN SLEEVES, MJ</b> .....	52	89
<b>CUTTING IN VALVES, MJ</b> .....	52	—
<b>DISTRIBUTOR DISCOUNT &amp; FREIGHT STRUCTURE</b> .....	4	—
<b>FACTORY MUTUAL APPROVED PRODUCTS</b>	71-73	—
<b>GASKETS</b> .....	82	—
<b>GATE VALVES</b>		
AWWA 250 P.S.I. DI Resilient Wedge Valves .....	50-51	87
Parts (Series 2500) .....	55-57	—
AWWA Resilient Wedge Valves .....	—	—
Parts (Series 500) .....	53-54	—
Parts (80-Line) .....	59	—
UL/FM .....	72-73	87
Optional Accessories .....	82-84	—
Wrench .....	84	—
<b>HIGH PRESSURE GATE VALVES (250#)</b> .....	50-51	87
<b>HYDRANTS</b>		
B-62-B .....	7-8, 11	85
B-84-B .....	7-8	85
Mark 73 .....	9-11	85
Pacer .....	7-8, 11	85
Trend .....	9-10	85
UL/FM .....	71	85
Parts: B-50-B .....	24	—
B-62-B .....	22	—
B-84-B .....	17-20	—
Mark 73 .....	16	—
Miscellaneous .....	47	—
Pacer .....	25-32	—
Traverse City .....	48-49	—
Trend .....	33-41	—
W/WB-59 .....	42-46	—
<b>EXTENSION KITS:</b>		
Groundline, Quik-Fix & Base .....	12	86
<b>REPAIR KITS:</b>		
Traffic .....	13	—
Quik-Fix .....	13	—
Hydrant Maintenance Kit .....	14	—

ITEM	PAGE NO.	
	PRICES	WEIGHTS
<b>INDICATOR POSTS</b> .....	74	85-86
Parts .....	75-76	—
<b>MECHANICAL JOINT ACCESSORIES</b> .....	82	—
<b>PALLET QUANTITIES</b> .....	90	—
<b>POLICY FOR AUTHORIZED DISTRIBUTOR</b> ..	5-6	—
<b>RESILIENT WEDGE VALVES</b> .....	50-51	85
<b>RETROFIT VALVE BOX INSERT</b> .....	78	—
Parts .....	81	—
<b>TAP</b> .....	83	—
<b>TAPPING SLEEVES</b> .....	60	88
Parts .....	61	—
<b>TAPPING VALVES:</b>		
250 P.S.I. DI Resilient Wedge Valve .....	59	88
UL/FM .....	71	88
<b>TERMS</b> .....	3	—
<b>TRENCH ADAPTER</b> .....	77	—
Extensions .....	79	—
Parts .....	80	—
<b>UNDERWRITERS APPROVED PRODUCTS</b> ..	71-73	—
<b>WRENCH, VALVE</b> .....	84	—



## Terms and Conditions of Sale

1. All orders are subject to approval and acceptance by an authorized representative of Seller at its general office in Birmingham, Alabama.

2. Terms of payment as shown on the face hereof are subject to approval of Seller's Credit Manager.

3. Should the financial responsibility of Buyer at any time become unsatisfactory to Seller, Seller shall have the right to suspend performance of any order or require payment for any shipment hereunder in advance or require satisfactory security or other adequate assurance satisfactory to Seller. If Buyer fails to make payment in accordance with the terms of this agreement or fails to comply with any provision hereof, the Seller may at its option in addition to any other remedies, cancel any unshipped portion of this order, Buyer to remain liable for all unpaid accounts. In the event Buyer fails to make payment in accordance with the terms of this agreement, the account shall be deemed to be delinquent and a service charge of one and one-half percent (1 1/2%) per month or 18% per annum, charged weekly will be made on the unpaid balance. Where the annual rate of 18% exceeds the maximum allowed by law, the charge shall be the maximum allowed. Buyer agrees to pay all collection costs and expenses, including reasonable attorneys' fees, incurred by Seller in collecting or attempting to collect such account. Seller shall have the right to credit toward the payment of any monies that may become due Seller hereunder any sums which may now or hereafter be owed to Buyer by Seller.

4. If there is a delay in completion of manufacture or shipment of this order due to any change requested by the Buyer or as a result of any delay on Buyer's part in furnishing information required for completion of the order, the price and delivery terms agreed upon at the time of acceptance of the order is subject to change. Prices are F.O.B. factory except as otherwise noted on the face of the sales order contract. Unless otherwise provided in writing, freight charges on all shipments, and spotting, switching, demurrage, or drayage at destination are to be paid by Buyer. Any increase in the amount of freight from that shown on the face hereof as being included is for Buyer's account. Seller reserves the right to designate origin and intermediate carriers. If a specific delivering carrier is required, Buyer must designate such carrier in writing to Seller prior to shipment. Seller reserves the right to make partial shipments.

5. Prices do not include any present or future federal, state or local taxes based upon or measured by the sale, use, manufacture or shipment of the products covered hereby. All such taxes shall be for Buyer's account, and, if paid by Seller, the Buyer agrees to reimburse Seller on demand for the full amount thereof.

6. Title to products sold shall pass upon delivery to carrier at the point of shipment, irrespective of any freight allowance or prepayment of freight, and thereafter risk of loss or damage shall be upon Buyer.

7. Specifications and instructions on the face hereof are in accordance with directions of Buyer and full responsibility for their correctness is assumed by Buyer.

8. SELLER WARRANTS THAT THE PRODUCTS COVERED HEREBY CONFORM TO THE DESCRIPTION AND SPECIFICATIONS, IF ANY, PROVIDED TO THE SELLER BY THE BUYER AND ARE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF TEN (10) YEARS FROM THE DATE THE PRODUCTS ARE FIRST SHIPPED. SELLER SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES DIRECTLY OR INDIRECTLY ARISING OR RESULTING FROM THE BREACH OF ANY OF THE TERMS HEREOF OR FROM THE SALE, HANDLING OR USE OF THE PRODUCTS SOLD. SELLER'S SOLE LIABILITY (AND BUYER'S EXCLUSIVE REMEDY) HEREUUNDER, EITHER FOR BREACH OF WARRANTY OR FOR NEGLIGENCE, IS EXPRESSLY LIMITED AT THE OPTION OF SELLER: (A) TO THE REPLACEMENT AT THE AGREED POINT OF DELIVERY OF ANY PRODUCTS FOUND TO BE DEFECTIVE OR NOT TO CONFORM TO THE DESCRIPTION AND SPECIFICATIONS SET FORTH HEREIN, (B) TO THE REPAIR OF SUCH PRODUCTS, (C) TO THE REFUND OR CREDITING TO BUYER OF THE PRICE OF SUCH PRODUCTS, OR (D) AS TO MOTORS, CONTROLS OR ACCESSORY EQUIPMENT PURCHASED BY SELLER FROM OTHERS, AND USED OR INCORPORATED IN SELLER'S PRODUCTS, TO THE SAME EXTENT THAT THE LIABILITY OF SUCH SUPPLIER(S), IS LIMITED AS TO SELLER. ANYTHING CONTAINED HEREIN TO THE CONTRARY NOTWITHSTANDING, SELLER'S WARRANTIES SHALL NOT APPLY TO ANY PRODUCT SOLD HEREUUNDER IF BUYER ALTERS SUCH PRODUCT OR REPLACES ANY PART OR PARTS OF SUCH PRODUCT WITH ANY PART OR PARTS NOT MANUFACTURED, SOLD OR OFFERED FOR SALE BY SELLER. No

representation or warranty, express or implied, made by any sales representative or other agent or representative of the Seller which is not specifically set forth herein shall be binding upon the Seller. No claims for damages for goods that do not conform to specifications will be allowed unless AFC is given immediate notice after delivery of goods and allowed an opportunity to inspect them.

9. No products may be returned for credit and no order may be cancelled or changed in whole or in part without the prior written consent of Seller. Shipment of products cannot be extended beyond the original shipping date specified without Seller's written consent.

10. No contract is subject to cancellation or to change unless agreed to in writing by an authorized representative of Seller. In the event of any cancellation, and without limitation to other available remedies to Seller, the Buyer shall pay Seller within thirty (30) days of such cancellation the contract price, including applicable taxes, for all articles, materials and services which have been completed prior to cancellation. Additionally, Buyer shall pay Seller within thirty (30) days of such cancellation all cost and other expenses incurred by Seller for uncompleted items (including without limitation all commitments to Seller's suppliers, subcontractors, and others) and a cancellation charge in an amount equal to twenty percent (20%) upon the total of the foregoing. In the event of any change, Seller shall be entitled to revise its prices and delivery schedules to reflect such change.

11. Seller shall not be liable for any failure or delay in manufacture, shipment or delivery of products resulting from any cause beyond Seller's control, including, but not limited to, provisions of law or governmental regulations, accident, explosion, fire, windstorm, flood or other casualty, or acts of God, strike, lockout, or other labor difficulty, riot, war, terrorism, insurrection, shortage or inability to secure labor, raw materials, production or transportation facilities. Shipping dates are approximate and are based on factory conditions at the time of quotation.

12. Buyer may not assign this agreement without Seller's prior written consent.

13. Buyer agrees to accept delivery of any part or all of the products on the mutually agreed upon delivery date, and failure of the Buyer to furnish Seller with shipping instructions shall in no way alter the terms of payment of Seller's invoice for any of the products offered for delivery. Any deferred delivery request by Buyer shall be subject to Seller's written approval. On any approved deferred delivery Seller shall have the right to render invoice for the completed portion of the order and to warehouse all completed products at Buyer's expense and risk of loss. Furthermore, on the uncompleted portion of the order, Seller reserves the right at its option to either make a cancellation charge on the same conditions and terms of payment as outlined in section 10 hereof or to revise its prices and delivery schedules on the uncompleted portion to reflect its increased costs, delays and expenses.

14. Waiver of any term or provision of this agreement or of any breach of this agreement shall not be construed as a waiver of any other term or provision or of any other breach, nor shall any such waiver be deemed or construed as a continuing waiver. Any provision of this agreement prohibited by applicable law shall be ineffective to the extent of such prohibition without invalidating the remaining provisions hereof.

15. This agreement shall be governed under and according to the laws of the State of Alabama.

16. In the event of a conflict between any of the printed provisions hereof and any written or typed provisions hereof, the written or typed provisions shall govern.

17. There are no terms, conditions, understandings or agreements between Buyer and Seller other than those stated herein and all prior proposals and negotiations are merged herein. NO TERMS AND CONDITIONS IN ANY WAY ALTERING OR MODIFYING THE PROVISIONS HEREOF SHALL BE BINDING UPON SELLER UNLESS IN WRITING AND SIGNED BY AN AUTHORIZED REPRESENTATIVE OF SELLER. NO MODIFICATION OR ALTERATION OF ANY PROVISION HEREOF SHALL RESULT FROM SELLER'S ACKNOWLEDGEMENT OF BUYER'S PURCHASE ORDER, SHIPMENT OF MATERIAL OR OTHER AFFIRMATION ACTION BY SELLER TOWARD PERFORMANCE HEREUUNDER FOLLOWING RECEIPT OF BUYER'S PURCHASE ORDER, SHIPPING ORDER, OR OTHER FORMS CONTAINING PROVISIONS, TERMS OR CONDITIONS IN ADDITION TO OR IN CONFLICT OR INCONSISTENT WITH THE PROVISIONS HEREOF.



## Distributor Discounts and Freight Structure

### DISTRIBUTOR DISCOUNTS ON PRODUCT ORDERS

<u>Size of Order</u>	<u>Discount</u>	<u>Freight Paid By</u>
10,000 lbs. and above	Standard	American Flow Control
Under 10,000 lbs.	Standard	Distributor

### DISTRIBUTOR DISCOUNTS ON PARTS ORDERS

<u>Size of Order</u>	<u>Discount</u>	<u>Freight Paid By</u>
Not Applicable	Standard	*Distributor

\*Hydrant extension kits and traffic repair kits use parts discount, but AFC will pay freight when kits and other parts are shipped with a truckload.



## General Policy for Authorized Stocking Distributors

### A. GENERAL

1. All conditions of pricing and sales are subject to the provisions listed in the AFC published list "Price Schedule," latest revision, including "Terms and Conditions of Sales," list prices, and all other stated information.
2. This document is effective immediately.
3. All publications referred to herein are to be considered as the *latest revision* of the referenced publication.
4. Definition of Terms:

**American Flow Control** - (AFC) Division of American Cast Iron Pipe Company.

**AFC Standard Line** - Products and parts listed in the AFC published list "Price Schedule."

**Allowable Stock Items** - Products and parts listed in the AFC standard line where sales and products are of sufficient volume and frequency to justify these items as "allowable stock."

**Discount** - Percentage reduction of unit prices listed in "Price Schedule" (not to be confused with the 2% - 10 days prompt payment discount).

**Distributors** - Authorized stocking distributor of AFC products and parts who purchases from AFC these products and parts, stocks them, and resells them to end users and not to concerns who would resell these products.

**Order** - Distributor's purchase order (or multiple purchase orders received in the same mail for combined shipment).

**Parts** - Components of AFC assembled products that are sold or shipped separately.

**Price Schedule** - The AFC published list "Price Schedule," latest revision.

**Products** - AFC assembled products (valves, hydrants, tapping sleeves, etc.)

**Standard Discount** - The current maximum reduction of unit prices listed on the "Price Schedule" as advised in writing to the distributor from time to time by an authorized AFC employee.

### B. PRICES, DISCOUNTS, CHARGES AND FREIGHT COSTS

1. Please refer to "Distributor Discounts & Freight Structure" for an explanation of discount and freight conditions for shipments.
2. For shipping destinations in Alaska, Hawaii, and Puerto Rico, AFC will ship to the continental USA port designated by the distributor. If the order qualifies for freight to be paid by AFC, AFC will pay for truck freight to the designated continental USA port, most economical routing, and the distributor will be responsible for all charges for ocean freight, insurance, and handling.
3. In addition to the payment terms stated in AFC "Terms and Conditions of Sale," AFC offers authorized AFC distributors a 2% discount from invoiced value for prompt payment. In order to qualify for this 2% discount, payments must be postmarked within 20 days from the date of the invoice. If the

twentieth day from invoice date occurs on a Saturday, Sunday, or legal holiday, payment may be postmarked on the next business day. Two percent (2%) discounts cannot be taken when payments are postmarked beyond the aforementioned deadlines, regardless of the circumstances. Attempts to take unearned discounts on a repeated basis can result in withdrawal of the 2% discount terms.

4. Allowable stock additions to orders will qualify for freight allowance if:
  - a. Received within 14 days of receipt of the original order or 14 days prior to the date of shipment of the original order, whichever is the earlier date.
  - b. Original order qualified for freight allowance.
5. Distributors may request stop-offs as long as the stop-offs are along the regular truck route to the distributor's stockyard. The distributor shall be responsible for the stop-off charges incurred.
6. Upon request, distributors may receive a 24-hour notification of delivery from the carrier. At the 24-hour notification, the shipment is committed and cannot be delayed or rerouted.
7. If a distributor desires to return unused AFC products for credit, the following conditions will apply:
  - (a) A two-week prior notice to AFC is required with an inventory of products being returned plus a return authorization from AFC.
  - (b) Materials must be shipped freight prepaid by the distributor to the AFC plant, and materials must be properly tagged.
  - (c) Materials returned for credit must be in saleable condition, must have been purchased within the preceding twelve months from date of notice of return and must be accompanied by the AFC invoice number and date.
  - (d) Received products will be credited at:
    - (1) Standard, allowable stock: original net price less 25 percent (25%).
    - (2) Standard, non-allowable stock: original net price less 36 percent (36%).
    - (3) Special product: scrap value depending on the AFC assessment of resale possibilities.
    - (e) Any costs incurred by AFC in any needed repair or reconditioning of the product or in joint materials that must be added or replaced would also be deducted.
8. Cancellation of products that are not allowable stock will result in appropriate cancellation charges if any manufacture has begun on any component (or purchases have been committed on any component) at the time of cancellation.
9. In the event of a price increase, AFC will provide a minimum of 30 days' notice. All purchase orders at the existing price structure will be accepted by AFC for up to 30 days following the *notification* of a price increase provided these orders are unrestricted and completely released for manufacture and shipment at the soonest convenient date to AFC.



## C. OTHER PROVISIONS

1. When urgent or emergency purchase orders are telephoned or faxed to AFC, they will be entered pending receipt of the written purchase order. The purchase order must be marked "confirming" by the distributor to insure against duplication. AFC cannot be responsible for duplications when orders are not marked "confirming" or for accuracy when "confirming" purchase orders are not received.
2. If a distributor desires shipment before a certain date or after current lead times, they should properly note this on the order. Shipping date restrictions on original orders (or changes to orders) which extend beyond current published lead times can possibly disqualify the order from certain discounts or freight considerations described herein and place the order under discounts and other conditions prevailing at the time of the desired shipping date. AFC makes every possible effort to provide accurate lead times based on estimated time of production. However, these lead times should be viewed only as estimates and not as guarantees. Early or late shipments do not obligate AFC for extending billing, service charge waivers, or contingent expenses incurred by the distributor or by the distributor's customer. When manufacture of an order is completed and the distributor, for any reason, holds shipment beyond the current lead time, the order is subject to invoicing (prior to shipment) and/or appropriate storage charges.
3. AFC reserves the right to ship distributor's orders (or portions of these orders) sooner than published lead times or estimated shipping dates unless such is specifically forbidden via written instructions on the distributor's purchase order. If quick shipment of an order would be undesirable to a distributor, he should include a "Ship-Not-Before" date and instructions on his purchase order. "Ship-Not-Before" dates will be accepted and honored by AFC so long as they are within prevailing published lead times and not after the deadline of an announced price increase.
4. Complete specifications are necessary prior to AFC pricing on non-standard line AFC products or on special actuators (electric, cylinder, etc.). Price quotations provided by AFC prior to receipt of complete specifications should be considered only as estimates and subject to adjustment upon receipt of complete detailed specifications (or, in lieu of same, upon approval of AFC shop drawings). AFC cannot be held responsible for late shipments on purchased special actuators unless this same responsibility can be passed along to the special actuator supplier.
5. All sales are F.O.B. shipping point. If AFC is to absorb freight costs according to conditions stated under the "Distributor Discounts and Freight Structure," the most economical method of routing will be utilized. When the distributor is paying freight charges, materials may either be shipped collect or the freight may be prepaid with the charges added to the invoice at the option of AFC. **In the event of damage or shortage of materials, the distributor has the responsibility of filing a claim with the carrier regardless of whether freight charges were paid by AFC or by the distributor.**
6. As indicated in the "Distributor Discounts and Freight Structure," the distributor pays all freight charges on all parts shipments, except when shipped with a truckload. Whenever possible, AFC will assist in minimizing freight charges by combining parts shipments in trucks with product shipments to a distributor. To assure these combined shipments, distributors must combine their parts (order(s) with product order(s) and note on the purchase order(s) that parts and products are to be shipped together.
7. AFC general responsibilities to the distributor are to:
  - (a) Furnish distributor with reasonable supplies of technical and promotional literature.
  - (b) Make promotional calls (spec development) in distributor's market area.
  - (c) Aid distributor with complex field service.
  - (d) Keep distributor informed regarding AFC products and services.
  - (e) Maintain good communication and administrative service.
  - (f) Maintain competitive quality.
8. The distributor's general responsibilities to AFC are to:
  - (a) Maintain good stocks of AFC products as needed to maintain quick service to distributor's market area.
  - (b) Maintain sales and inventory planning as required to order ahead (compatible with AFC lead times).
  - (c) Perform intensive sales coverage of distributor's market area.
  - (d) Maintain continuing market feedback to AFC (competition, prices, specification targets, etc.).
  - (e) Perform field service of AFC products as needed.
  - (f) Promote AFC products in distributor's market area.
  - (g) Pay AFC invoices within AFC terms.
9. AFC distributors have *unqualified* access only to the AFC standard line products as listed in the AFC "Price Schedule." On other AFC products, such as special valves and hydrants, distributors do have qualified access, but the prices are on an ad hoc, "Inquiry" basis and special conditions may apply.
10. AFC policy is to sell only to distributors who stock and resell AFC products to ultimate users (e.g., industries, municipalities, public and private water utilities, water and sewer contractors). AFC distributors shall not sell AFC products for resale (i.e., shall not sell to other supply houses) unless the buyer (other supply houses) is also an authorized AFC distributor. AFC reserves the right to reject future purchase orders from any distributor that violates this policy unless specific prior written permission from AFC to the distributor was granted to sell a particular order or product for resale.
11. AFC reserves the right to refuse to quote or sell to any distributor any particular product, project or inquiry, and to withdraw recognition of any distributor as an authorized AFC distributor at any time and for any reason. AFC also reserves the right to refuse to deal with any person for any reason whatsoever.
12. AFC is committed to a planned program of selective distribution, and, as such, markets its products through authorized distributors or on a direct basis. Access to AFC products is denied to any distributor who does not have authorized distributor credentials.



## AWWA Fire Hydrants - 5-1/4" Main Valve Opening

### AMERICAN-DARLING B84B OR B62B WITH 2-HOSE NOZZLES AND 1-PUMPER NOZZLE

DEPTH OF TRENCH	* 6" FLANGE BASE	4" OR 6" MJ BASE L/ ACC	4" OR 6" MJ BASE W/ ACC	6" TYTON BASE LESS GASKET	6" TYTON BASE W/ GASKET	**6" FLANGE VERTICAL BASE	8" MJ BASE L/ ACC	8" MJ BASE W/ ACC
3'0" & Less	\$2,094	\$2,094	\$2,131	\$2,095	\$2,117	\$2,297	\$2,175	\$2,196
3' 6"	2,145	2,145	2,182	2,146	2,168	2,348	2,226	2,247
4' 0"	2,196	2,196	2,233	2,197	2,219	2,399	2,277	2,298
4' 6"	2,247	2,247	2,284	2,248	2,270	2,450	2,328	2,349
5' 0"	2,298	2,298	2,335	2,299	2,321	2,501	2,379	2,400
5' 6"	2,349	2,349	2,386	2,350	2,372	2,552	2,430	2,451
6' 0"	2,400	2,400	2,437	2,401	2,423	2,602	2,481	2,502
6' 6"	2,451	2,451	2,488	2,452	2,474	2,653	2,532	2,553
7' 0"	2,502	2,502	2,539	2,503	2,525	2,704	2,583	2,604
7' 6"	2,553	2,553	2,590	2,554	2,576	2,755	2,634	2,655
8' 0"	2,604	2,604	2,641	2,605	2,627	2,806	2,685	2,706
8' 6"	2,655	2,655	2,692	2,656	2,678	2,857	2,736	2,757
9' 0"	2,706	2,706	2,743	2,707	2,729	2,908	2,787	2,808
9' 6"	2,757	2,757	2,794	2,758	2,780	2,959	2,838	2,859
10' 0"	2,808	2,808	2,845	2,809	2,831	3,009	2,889	2,910
10' 6"	2,859	2,859	2,896	2,860	2,882	3,060	2,940	2,961
11' 0"	2,910	2,910	2,947	2,911	2,933	3,111	2,991	3,012
11' 6"	2,961	2,961	2,998	2,962	2,984	3,162	3,042	3,063

### WATEROUS PACER (WB67-250 & W67-250) WITH 2-HOSE NOZZLES AND 1-PUMPER NOZZLE

DEPTH OF TRENCH	6" FLANGE BASE	6" MJ BASE L/ ACC	6" MJ BASE W/ ACC	6" TYTON BASE LESS GASKET	6" TYTON OR PVC BASE W/ GASKET	** 6" FLANGE VERTICAL BASE	8" MJ BASE L/ ACC	8" MJ BASE W/ ACC	6" PLAIN-END
3'0" & Less	\$2,094	\$2,094	\$2,131	\$2,095	\$2,117	\$2,297	\$2,175	\$2,196	\$2,131
3' 6"	2,145	2,145	2,182	2,146	2,168	2,348	2,226	2,247	2,182
4' 0"	2,196	2,196	2,233	2,197	2,219	2,399	2,277	2,298	2,233
4' 6"	2,247	2,247	2,284	2,248	2,270	2,450	2,328	2,349	2,284
5' 0"	2,298	2,298	2,335	2,299	2,321	2,501	2,379	2,400	2,335
5' 6"	2,349	2,349	2,386	2,350	2,372	2,552	2,430	2,451	2,386
6' 0"	2,400	2,400	2,437	2,401	2,423	2,602	2,481	2,502	2,437
6' 6"	2,451	2,451	2,488	2,452	2,474	2,653	2,532	2,553	2,488
7' 0"	2,502	2,502	2,539	2,503	2,525	2,704	2,583	2,604	2,539
7' 6"	2,553	2,553	2,590	2,554	2,576	2,755	2,634	2,655	2,590
8' 0"	2,604	2,604	2,641	2,605	2,627	2,806	2,685	2,706	2,641
8' 6"	2,655	2,655	2,692	2,656	2,678	2,857	2,736	2,757	2,692
9' 0"	2,706	2,706	2,743	2,707	2,729	2,908	2,787	2,808	2,743
9' 6"	2,757	2,757	2,794	2,758	2,780	2,859	2,838	2,859	2,794
10' 0"	2,808	2,808	2,845	2,809	2,831	3,009	2,889	2,910	2,845
10' 6"	2,859	2,859	2,896	2,860	2,882	3,060	2,940	2,961	2,896
11' 0"	2,910	2,910	2,947	2,911	2,933	3,111	2,991	3,012	2,947
11' 6"	2,961	2,961	2,998	2,962	2,984	3,162	3,042	3,063	2,998

Add for each 6" increase in Depth of Trench 5 1/4" Hydrant - \$51

Pacer Only: For trench depths longer than 11'6", a bottom extension is required (see below).

Classic Pacer Hydrant - Add \$75 NET to discounted price of Pacer WB67-250.

B62B Only: For extended upper barrel (20" groundline to pumper) add \$55 List Price.

\* 4" Flange Base is available for 5 1/4" B84B only.

\*\* 6" Flange Traverse City conversion base for Pacer WB67-250 or Darling B50B conversion base for B84B or B62B is available at Vertical Base price.

#### LIST ADDERS FOR ALL HYDRANTS

316 S.S. Base Bolts	\$ 56
Integral Storz Nozzle (4")	\$327
(5")	364
Captivator Hose Cap (Each)	187
Captivator Pumper Cap (Each)	360

#### LIST ADDERS FOR B84B & B62B HYDRANTS

OP Nut Weathercap	28
Tamperproof Cover	56

#### LIST ADDERS FOR PACER WB67-250 HYDRANT

Bronze Piloted Upper Washer	\$ 28
Traffic Sections Longer than 10" (per 6")	51
Vandalproof Shield	37
Bottom Extension - 12"	1,387
Add for each additional 6"	51
Vented Hose Caps (Each)	27

#### NO CHARGE OPTIONAL FEATURES FOR PACER WB67-250 HYDRANT

Weathershield
One Piece Bronze OP Nut
Plugged Drains



## AWWA Fire Hydrants - 5-1/4" Main Valve Opening

### AMERICAN-DARLING B84B OR B62B WITH 2-HOSE NOZZLES

DEPTH OF TRENCH	4" OR 6" FLANGE BASE	4" OR 6" MJ BASE L/ ACC	4" OR 6" MJ BASE W/ ACC	6" TYTON BASE LESS GASKET	6" TYTON BASE W/ GASKET	* 6" FLANGE VERTICAL BASE	8" MJ BASE L/ ACC	8" MJ BASE W/ ACC
3'0" & Less	\$1,897	\$1,897	\$1,934	\$1,898	\$1,920	\$2,100	\$1,978	\$1,999
3' 6"	1,948	1,948	1,985	1,949	1,971	2,151	2,029	2,050
4' 0"	1,999	1,999	2,036	2,000	2,022	2,202	2,080	2,101
4' 6"	2,050	2,050	2,087	2,051	2,073	2,253	2,131	2,152
5' 0"	2,101	2,101	2,138	2,102	2,124	2,304	2,182	2,203
5' 6"	2,152	2,152	2,189	2,153	2,175	2,355	2,233	2,254
6' 0"	2,203	2,203	2,240	2,204	2,226	2,405	2,284	2,305
6' 6"	2,254	2,254	2,291	2,255	2,277	2,456	2,335	2,356
7' 0"	2,305	2,305	2,342	2,306	2,328	2,507	2,386	2,407
7' 6"	2,356	2,356	2,393	2,357	2,379	2,558	2,437	2,458
8' 0"	2,407	2,407	2,444	2,408	2,430	2,609	2,488	2,509
8' 6"	2,458	2,458	2,495	2,459	2,481	2,660	2,539	2,560
9' 0"	2,509	2,509	2,546	2,510	2,532	2,711	2,590	2,611
9' 6"	2,560	2,560	2,597	2,561	2,583	2,762	2,641	2,662
10' 0"	2,611	2,611	2,648	2,612	2,634	2,812	2,692	2,713
10' 6"	2,662	2,662	2,699	2,663	2,685	2,863	2,743	2,764
11' 0"	2,713	2,713	2,750	2,714	2,736	2,914	2,794	2,815
11' 6"	2,764	2,764	2,801	2,765	2,787	2,965	2,845	2,866

### WATEROUS PACER (WB67-250 & W67-250) WITH 2-HOSE NOZZLES

DEPTH OF TRENCH	6" FLANGE BASE	6" MJ BASE L/ ACC	6" MJ BASE W/ ACC	6" TYTON BASE LESS GASKET	6" TYTON OR PVC BASE W/ GASKET	* 6" FLANGE VERTICAL BASE	8" MJ BASE L/ ACC	8" MJ BASE W/ ACC	6" PLAIN-END
3'0" & Less	\$1,897	\$1,897	\$1,934	\$1,898	\$1,920	\$2,100	\$1,978	\$1,999	\$1,934
3' 6"	1,948	1,948	1,985	1,949	1,971	2,151	2,029	2,050	1,985
4' 0"	1,999	1,999	2,036	2,000	2,022	2,202	2,080	2,101	2,036
4' 6"	2,050	2,050	2,087	2,051	2,073	2,253	2,131	2,152	2,087
5' 0"	2,101	2,101	2,138	2,102	2,124	2,304	2,182	2,203	2,138
5' 6"	2,152	2,152	2,189	2,153	2,175	2,355	2,233	2,254	2,189
6' 0"	2,203	2,203	2,240	2,204	2,226	2,405	2,284	2,305	2,240
6' 6"	2,254	2,254	2,291	2,255	2,277	2,456	2,335	2,356	2,291
7' 0"	2,305	2,305	2,342	2,306	2,328	2,507	2,386	2,407	2,342
7' 6"	2,356	2,356	2,393	2,357	2,379	2,558	2,437	2,458	2,393
8' 0"	2,407	2,407	2,444	2,408	2,430	2,609	2,488	2,509	2,444
8' 6"	2,458	2,458	2,495	2,459	2,481	2,660	2,539	2,560	2,495
9' 0"	2,509	2,509	2,546	2,510	2,532	2,711	2,590	2,611	2,546
9' 6"	2,560	2,560	2,597	2,561	2,583	2,762	2,641	2,662	2,597
10' 0"	2,611	2,611	2,648	2,612	2,634	2,812	2,692	2,713	2,648
10' 6"	2,662	2,662	2,699	2,663	2,685	2,863	2,743	2,764	2,699
11' 0"	2,713	2,713	2,750	2,714	2,736	2,914	2,794	2,815	2,750
11' 6"	2,764	2,764	2,801	2,765	2,787	2,965	2,845	2,866	2,801

Add for each 6" increase in Depth of Trench 5 1/4" Hydrant - \$51

Pacer Only: For trench depths longer than 11'6", a bottom extension is required (see below).

\* 6" Flange Traverse City conversion base for Pacer or Darling B50B conversion base for B84B or B62B is available at Vertical Base price.

#### LIST ADDERS FOR ALL HYDRANTS

316 S.S. Base Bolts	\$ 56
Captivator Hose Cap (Each)	187

#### LIST ADDERS FOR B84B & B62B HYDRANTS

OP Nut Weathercap	28
Tamperproof Cover	56

#### LIST ADDERS FOR PACER HYDRANT

Bronze Piloted Upper Washer	\$ 28
Traffic Sections Longer than 10" (per 6")	51
Vandalproof Shield	37
Bottom Extension - 12"	1,387
Add for each additional 6"	51
Vented Hose Caps (Each)	27

#### NO CHARGE OPTIONAL FEATURES FOR PACER HYDRANT

Weathershield  
One Piece Bronze OP Nut  
Plugged Drains





## AWWA Fire Hydrants - 4<sup>1</sup>/<sub>2</sub>"-4<sup>3</sup>/<sub>4</sub>" Main Valve Opening

### AMERICAN-DARLING MARK-73 WITH 2-HOSE NOZZLES AND 1-PUMPER NOZZLE

DEPTH OF TRENCH	4" OR 6" FLANGE BASE	6" MJ BASE L/ ACC	6" MJ BASE W/ ACC	6" TYTON BASE LESS GASKET	6" TYTON BASE W/ GASKET	6" FLANGE VERTICAL BASE	4" MJ BASE L/ ACC	4" MJ BASE W/ ACC
3'0" & Less	\$2,023	\$2,023	\$2,060	\$2,024	\$2,046	\$2,226	\$2,023	\$2,060
3' 6"	2,062	2,062	2,099	2,064	2,086	2,265	2,062	2,099
4' 0"	2,102	2,102	2,139	2,103	2,125	2,305	2,102	2,139
4' 6"	2,141	2,141	2,178	2,143	2,165	2,344	2,141	2,178
5' 0"	2,180	2,180	2,218	2,182	2,204	2,383	2,180	2,218
5' 6"	2,220	2,220	2,257	2,221	2,243	2,423	2,220	2,257
6' 0"	2,259	2,259	2,296	2,261	2,283	2,462	2,259	2,296
6' 6"	2,299	2,299	2,336	2,300	2,322	2,502	2,299	2,336
7' 0"	2,338	2,338	2,375	2,339	2,362	2,541	2,338	2,375
7' 6"	2,377	2,377	2,414	2,378	2,401	2,580	2,377	2,414
8' 0"	2,416	2,416	2,453	2,417	2,440	2,619	2,416	2,453
8' 6"	2,455	2,455	2,492	2,456	2,479	2,658	2,455	2,492
9' 0"	2,494	2,494	2,531	2,495	2,518	2,697	2,494	2,531
9' 6"	2,533	2,533	2,570	2,534	2,557	2,736	2,533	2,570
10' 0"	2,572	2,572	2,609	2,573	2,596	2,775	2,572	2,609
10' 6"	2,611	2,611	2,648	2,612	2,635	2,814	2,611	2,648
11' 0"	2,650	2,650	2,687	2,651	2,674	2,853	2,650	2,687
11' 6"	2,689	2,689	2,726	2,690	2,713	2,892	2,689	2,726

### WATEROUS TREND (WB77-1) WITH 2-HOSE NOZZLES AND 1-PUMPER NOZZLE

DEPTH OF TRENCH	6" FLANGE BASE	6" MJ BASE L/ ACC	6" MJ BASE W/ ACC	6" TYTON BASE LESS GASKET	6" TYTON OR PVC BASE W/ GASKET	* 6" FLANGE VERTICAL BASE	8" MJ BASE L/ ACC	8" MJ BASE W/ ACC	6" PLAIN-END
3'0" & Less	\$2,023	\$2,023	\$2,060	\$2,024	\$2,046	\$2,226	\$2,104	\$2,125	\$2,060
3' 6"	2,062	2,062	2,099	2,064	2,086	2,265	2,143	2,164	2,099
4' 0"	2,102	2,102	2,139	2,103	2,125	2,305	2,183	2,204	2,139
4' 6"	2,141	2,141	2,178	2,143	2,165	2,344	2,222	2,243	2,178
5' 0"	2,180	2,180	2,218	2,182	2,204	2,383	2,262	2,283	2,218
5' 6"	2,220	2,220	2,257	2,221	2,243	2,423	2,301	2,322	2,257
6' 0"	2,259	2,259	2,296	2,261	2,283	2,462	2,340	2,361	2,296
6' 6"	2,299	2,299	2,336	2,300	2,322	2,502	2,380	2,401	2,336
7' 0"	2,338	2,338	2,375	2,339	2,362	2,541	2,419	2,440	2,375
7' 6"	2,377	2,377	2,414	2,378	2,401	2,580	2,458	2,479	2,414
8' 0"	2,416	2,416	2,453	2,417	2,440	2,619	2,497	2,518	2,453
8' 6"	2,455	2,455	2,492	2,456	2,479	2,658	2,536	2,557	2,492
9' 0"	2,494	2,494	2,531	2,495	2,518	2,697	2,575	2,596	2,531
9' 6"	2,533	2,533	2,570	2,534	2,557	2,736	2,614	2,635	2,570
10' 0"	2,572	2,572	2,609	2,573	2,596	2,775	2,653	2,674	2,609
10' 6"	2,611	2,611	2,648	2,612	2,635	2,814	2,692	2,713	2,648
11' 0"	2,650	2,650	2,687	2,651	2,674	2,853	2,731	2,752	2,687
11' 6"	2,689	2,689	2,726	2,690	2,713	2,892	2,770	2,791	2,726

Add for each 6" increase in Depth of Trench 4 1/2" - 4 3/4" Hydrant - \$39

Trend Only: For trench depths longer than 11'6", a bottom extension is required (see below).

\*6" Flange Traverse City conversion base for Trend (WB77-1) is available at Vertical Base price.

#### LIST ADDERS FOR ALL HYDRANTS

316 S.S. Base Bolts	\$ 56
Integral Storz Nozzle (4") \$327 (5")	364
Captivator Hose Cap (Each)	187
Captivator Pumper Cap (Each)	360

#### LIST ADDERS FOR MARK-73 HYDRANT

OP Nut Weathercap	28
Tamperproof Cover	56

#### LIST ADDERS FOR TREND HYDRANT

Epoxy Coated Upper Washer	\$ 11
Bronze Upper Washer	28
Bronze Piloted Upper Washer	28
Traffic Sections Longer than 10" (per 6")	39
Vented Hose Caps (Each)	27
Bottom Extension - 12"	1,387
Add for each additional 6"	39

#### NO CHARGE OPTIONAL FEATURES FOR TREND HYDRANT

Weathershield  
One Piece Bronze OP Nut  
Plugged Drains



## AWWA Fire Hydrants - 4<sup>1</sup>/<sub>2</sub>"-4<sup>3</sup>/<sub>4</sub>" Main Valve Opening

### AMERICAN-DARLING MARK-73 WITH 2-HOSE NOZZLES

DEPTH OF TRENCH	4" OR 6" FLANGE BASE	6" MJ BASE L/ ACC	6" MJ BASE W/ ACC	6" TYTON BASE LESS GASKET	6" TYTON BASE W/ GASKET	6" FLANGE VERTICAL BASE	4" MJ BASE L/ ACC	4" MJ BASE W/ ACC
3'0" & Less	\$1,807	\$1,807	\$1,844	\$1,808	\$1,830	\$2,010	\$1,807	\$1,844
3' 6"	1,846	1,846	1,883	1,848	1,870	2,049	1,846	1,883
4' 0"	1,886	1,886	1,923	1,887	1,909	2,089	1,886	1,923
4' 6"	1,925	1,925	1,962	1,927	1,949	2,128	1,925	1,962
5' 0"	1,964	1,964	2,002	1,966	1,988	2,167	1,964	2,002
5' 6"	2,004	2,004	2,041	2,005	2,027	2,207	2,004	2,041
6' 0"	2,043	2,043	2,080	2,045	2,067	2,246	2,043	2,080
6' 6"	2,083	2,083	2,120	2,084	2,106	2,286	2,083	2,120
7' 0"	2,122	2,122	2,159	2,123	2,146	2,325	2,122	2,159
7' 6"	2,161	2,161	2,198	2,162	2,185	2,364	2,161	2,198
8' 0"	2,200	2,200	2,237	2,201	2,224	2,403	2,200	2,237
8' 6"	2,239	2,239	2,276	2,240	2,263	2,442	2,239	2,276
9' 0"	2,278	2,278	2,315	2,279	2,302	2,481	2,278	2,315
9' 6"	2,317	2,317	2,354	2,318	2,341	2,520	2,317	2,354
10' 0"	2,356	2,356	2,393	2,357	2,380	2,559	2,356	2,393
10' 6"	2,395	2,395	2,432	2,396	2,419	2,598	2,395	2,432
11' 0"	2,434	2,434	2,471	2,435	2,458	2,637	2,434	2,471
11' 6"	2,473	2,473	2,510	2,474	2,497	2,676	2,473	2,510

### WATEROUS TREND (WB77-1) WITH 2-HOSE NOZZLES

DEPTH OF TRENCH	6" FLANGE BASE	6" MJ BASE L/ ACC	6" MJ BASE W/ ACC	6" TYTON BASE LESS GASKET	6" TYTON OR PVC BASE W/ GASKET	* 6" FLANGE VERTICAL BASE	8" MJ BASE L/ ACC	8" MJ BASE W/ ACC	6" PLAIN-END
3'0" & Less	\$1,807	\$1,807	\$1,844	\$1,808	\$1,830	\$2,010	\$1,888	\$1,909	\$1,844
3' 6"	1,846	1,846	1,883	1,848	1,870	2,049	1,927	1,948	1,883
4' 0"	1,886	1,886	1,923	1,887	1,909	2,089	1,967	1,988	1,923
4' 6"	1,925	1,925	1,962	1,927	1,949	2,128	2,006	2,027	1,962
5' 0"	1,964	1,964	2,002	1,966	1,988	2,167	2,046	2,067	2,002
5' 6"	2,004	2,004	2,041	2,005	2,027	2,207	2,085	2,106	2,041
6' 0"	2,043	2,043	2,080	2,045	2,067	2,246	2,124	2,145	2,080
6' 6"	2,083	2,083	2,120	2,084	2,106	2,286	2,164	2,185	2,120
7' 0"	2,122	2,122	2,159	2,123	2,146	2,325	2,203	2,224	2,159
7' 6"	2,161	2,161	2,198	2,162	2,185	2,364	2,242	2,263	2,198
8' 0"	2,200	2,200	2,237	2,201	2,224	2,403	2,281	2,302	2,237
8' 6"	2,239	2,239	2,276	2,240	2,263	2,442	2,320	2,341	2,276
9' 0"	2,278	2,278	2,315	2,279	2,302	2,481	2,359	2,380	2,315
9' 6"	2,317	2,317	2,354	2,318	2,341	2,520	2,398	2,419	2,354
10' 0"	2,356	2,356	2,393	2,357	2,380	2,559	2,437	2,458	2,393
10' 6"	2,395	2,395	2,432	2,396	2,419	2,598	2,476	2,497	2,432
11' 0"	2,434	2,434	2,471	2,435	2,458	2,637	2,515	2,536	2,471
11' 6"	2,473	2,473	2,510	2,474	2,497	2,676	2,554	2,575	2,510

Add for each 6" increase in Depth of Trench 4 1/2" - 4 3/4" Hydrant - \$39

Trend Only: For trench depths longer than 11'6", a bottom extension is required (see below).

\*6" Flange Traverse City conversion base for Trend (WB77-1) is available at Vertical Base price.

#### LIST ADDERS FOR ALL HYDRANTS

316 S.S. Base Bolts	\$ 56
Captivator Hose Cap (Each)	187

#### LIST ADDERS FOR MARK-73 HYDRANT

OP Nut Weathercap	28
Tamperproof Cover	56

#### LIST ADDERS FOR TREND HYDRANT

Epoxy Coated Upper Washer	\$ 11
Bronze Upper Washer	28
Bronze Piloted Upper Washer	28
Traffic Sections Longer than 10" (per 6")	39
Vented Hose Caps (Each)	27
Bottom Extension - 12"	1,387
Add for each additional 6"	39

#### NO CHARGE OPTIONAL FEATURES FOR TREND HYDRANT

Weathershield  
One Piece Bronze OP Nut  
Plugged Drains



## Other Fire Hydrant Configurations

### AMERICAN-DARLING B62B OR WATEROUS PACER WITH 2-PUMPER NOZZLES

DEPTH OF TRENCH	6" FLANGE BASE	6" MJ BASE L/ ACC	6" MJ BASE W/ ACC	6" TYTON BASE LESS GASKET	* 6" TYTON BASE W/ GASKET	6" FLANGE VERTICAL BASE	8" MJ BASE L/ ACC	8" MJ BASE W/ ACC
3'0" & Less	\$2,007	\$2,007	\$2,044	\$2,008	\$2,030	\$2,210	\$2,088	\$2,109
3' 6"	2,058	2,058	2,095	2,059	2,081	2,261	2,139	2,160
4' 0"	2,109	2,109	2,146	2,110	2,132	2,312	2,190	2,211
4' 6"	2,160	2,160	2,197	2,161	2,183	2,363	2,241	2,262
5' 0"	2,211	2,211	2,248	2,212	2,234	2,414	2,292	2,313
5' 6"	2,262	2,262	2,299	2,263	2,285	2,465	2,343	2,364
6' 0"	2,313	2,313	2,350	2,314	2,336	2,515	2,394	2,415
6' 6"	2,364	2,364	2,401	2,365	2,387	2,566	2,445	2,466
7' 0"	2,415	2,415	2,452	2,416	2,438	2,617	2,496	2,517
7' 6"	2,466	2,466	2,503	2,467	2,489	2,668	2,547	2,568
8' 0"	2,517	2,517	2,554	2,518	2,540	2,719	2,598	2,619
8' 6"	2,568	2,568	2,605	2,569	2,591	2,770	2,649	2,670
9' 0"	2,619	2,619	2,656	2,620	2,642	2,821	2,700	2,721
9' 6"	2,670	2,670	2,707	2,671	2,693	2,872	2,751	2,772
10' 0"	2,721	2,721	2,758	2,722	2,744	2,923	2,802	2,823
10' 6"	2,772	2,772	2,809	2,773	2,795	2,974	2,853	2,874
11' 0"	2,823	2,823	2,860	2,824	2,846	3,025	2,904	2,925
11' 6"	2,874	2,874	2,911	2,875	2,897	3,076	2,955	2,976

Add for each 6" increase in Depth of Trench for B62B or Pacer Hydrant - \$51

Pacer Only: For trench depths longer than 11'6", a bottom extension is required (see below).

Classic Pacer Hydrant - Add \$75 NET to discounted price of Pacer 250.

\*6" PVC Base is available for Pacer 250 only at 6" Tyton Base price.

\*\*6" Flange Traverse City conversion base for Pacer 250 or Darling B50B conversion base for B62B is available at Vertical Base price.

B62B Only: For 1-Hose Nozzle and 2-Pumper Nozzles add \$180 List Price.

### AMERICAN-DARLING MARK-73 WITH 1-PUMPER NOZZLE

DEPTH OF TRENCH	4" OR 6" FLANGE BASE	6" MJ BASE L/ ACC	6" MJ BASE W/ ACC	6" TYTON BASE LESS GASKET	6" TYTON BASE W/ GASKET	6" FLANGE VERTICAL BASE	4" MJ BASE L/ ACC	4" MJ BASE W/ ACC
3'0" & Less	\$1,734	\$1,734	\$1,771	\$1,735	\$1,757	\$1,937	\$1,734	\$1,771
3' 6"	1,773	1,773	1,810	1,775	1,797	1,976	1,773	1,810
4' 0"	1,813	1,813	1,850	1,814	1,836	2,016	1,813	1,850
4' 6"	1,852	1,852	1,889	1,854	1,876	2,055	1,852	1,889
5' 0"	1,891	1,891	1,929	1,893	1,915	2,094	1,891	1,929
5' 6"	1,931	1,931	1,968	1,932	1,954	2,134	1,931	1,968
6' 0"	1,970	1,970	2,007	1,972	1,994	2,173	1,970	2,007
6' 6"	2,010	2,010	2,047	2,011	2,033	2,213	2,010	2,047
7' 0"	2,049	2,049	2,086	2,050	2,073	2,252	2,049	2,086
7' 6"	2,088	2,088	2,125	2,089	2,112	2,291	2,088	2,125
8' 0"	2,127	2,127	2,164	2,128	2,151	2,330	2,127	2,164
8' 6"	2,166	2,166	2,203	2,167	2,190	2,369	2,166	2,203
9' 0"	2,205	2,205	2,242	2,206	2,229	2,408	2,205	2,242
9' 6"	2,244	2,244	2,281	2,245	2,268	2,447	2,244	2,281
10' 0"	2,283	2,283	2,320	2,284	2,307	2,486	2,283	2,320
10' 6"	2,322	2,322	2,359	2,323	2,346	2,525	2,322	2,359
11' 0"	2,361	2,361	2,398	2,362	2,385	2,564	2,361	2,398
11' 6"	2,400	2,400	2,437	2,401	2,424	2,603	2,400	2,437

Add for each 6" increase in Depth of Trench for Mark-73 Hydrant - \$39

#### LIST ADDERS FOR ALL HYDRANTS

316 S.S. Base Bolts	\$ 56
Integral Storz Nozzle (4") \$327 (5") 364	
Captivator Hose Cap (Each)	187
Captivator Pumper Cap (Each)	360

#### LIST ADDERS FOR PACER HYDRANT

Bronze Piloted Upper Washer	\$ 28
Traffic Sections Longer than 10" (per 6")	51
Vandalproof Shield	37
Bottom Extension - 12"	1,387
Add for each additional 6"	51

#### NO CHARGE OPTIONAL FEATURES FOR PACER HYDRANT

Weathershield
One Piece Bronze OP Nut
Plugged Drains

#### LIST ADDERS FOR B62B & MK73 HYDRANTS

OP Nut Weathercap	28
Tamperproof Cover	56



## Hydrant Extension Kits

### AMERICAN-DARLING VALVE

	6"	12"	18"	24"	30"	36"	42"	48"
<b>GROUNDLINE EXTENSION KITS</b>								
4½" Mark-73	\$358	\$418	\$476	\$537	\$608	\$676	\$708	\$740
5¼" B-84-B	358	418	476	537	608	676	708	740
6" B-84-B	399	476	555	637	696	755	787	819
5¼" B-62-B	399	476	555	637	696	755	787	819
6¼" B-62-B	520	630	737	821	888	959	991	1,023
4" & 4½" B-50-B	399	476	555	637	696	755	787	819
5" B-50-B	520	630	737	821	888	959	991	1,023
6" B-50-B	601	721	855	962	1,036	1,120	1,152	1,184
<b>QUIK-FIX GROUNDLINE EXTENSION KITS</b>								
5¼" B-62-B	458	551	621	732	767	825	857	889
6¼" B-62-B	552	684	786	875	1,056	1,137	1,169	1,201
4" & 4½" B-50-B	458	551	621	732	767	825	857	889
5" B-50-B	552	684	786	875	1,056	1,137	1,169	1,201
<b>BASE EXTENSION KITS</b>								
5¼" B-62-B	327	402	439	532	575	617	649	681
6¼" B-62-B	426	513	609	681	737	797	829	861
4" & 4½" B-50-B	327	402	439	532	575	617	649	681
5" B-50-B	426	513	609	681	737	797	829	861
6" B-50-B	464	569	693	783	843	936	968	1,000
<i>Add \$32 for each additional 6"</i>								
<i>Add \$17 if 304 S.S. Bolts are required.</i>								
Extension Rod for Extension Kit	43	52	64	76	86	98	130	162

### WATEROUS

	6"	12"	18"	24"	30"	36"	42"	48"
<b>GROUNDLINE EXTENSION KITS</b>								
4¾" Trend WB77 Traffic - K479	\$395	\$443	\$492	\$539	\$626	\$674	\$732	\$789
4¾" Trend WB77-1 Traffic - K562	436	513	596	674	734	793	850	908
5¼" Pacer: Non Traffic - K563*	–	493	551	608	665	721	778	837
Traffic - K562	436	513	596	674	734	793	850	908
Memphis Type - K456	581	661	742	819	878	939	995	1,052

\*Specify direction of opening  
*Add \$17 if 304 S.S. Bolts are required.*

### TRAVERSE CITY HYDRANT KITS – (TRAFFIC AND NON-TRAFFIC HYDRANTS)

	6"	12"	18"	24"	30"	36"
Barrel & Rod Ext. - 5" VO – Barrel, flanges, snap rings, gaskets, cap screws, nuts, stem, coupling.	\$983	\$1,057	\$1,133	\$1,355	\$1,426	\$1,496

*Add for Each Additional 6" – \$56*



## Hydrant Traffic Repair Kits

### TRAFFIC MODEL

AMERICAN-DARLING VALVE	LIST PRICE
4½" Mark-73 Hydrant	\$207
5¼" B-84-B Hydrant	207
6" B-84-B Hydrant	233
5¼" B-62-B Hydrant (1986 & Newer Cast Date)	233
5¼" B-62-B Hydrant (1985 & Older Cast Date)	230
6¼" B-62-B Hydrant	231
4" & 4½" B-50-B Hydrant	192
5" B-50-B Hydrant (1995 & Newer Cast Date)	233
5" B-50-B Hydrant (1994 & Older Cast Date)	231
6" B-50-B Hydrant	313

WATEROUS	LIST PRICE
4¾" WT77D Trend Hydrant (K478) ( Prior to 1987)	\$201
4¾" WB77 Trend Hydrant (K618) (After 1987)	117
4¾" WB77-1 Trend Hydrant (K528)	201
Add For BZ Coupling Sleeve	92
5¼" WB67 Pacer Hydrant (K525) (Prior to June 1980)*	246
Add For Each 6" Over 10"	81
5¼" WB67 Pacer Hydrant (K528) (After June 1980)	201
Add For BZ Coupling Sleeve	81

Need color on all Waterous traffic repair kits.

\*Specify length of traffic section.

### QUICK-FIX MODEL

AMERICAN-DARLING VALVE	LIST PRICE
5¼" B-62-B Hydrant	\$230
6¼" B-62-B Hydrant	246
4" & 4½" B-50-B Hydrant	230
5" B-50-B Hydrant	246



## Hydrant Maintenance Kits

### MAINTENANCE KITS IN PLASTIC CASE

AMERICAN-DARLING VALVE	LIST PRICE
5¼" B-84-B Hydrant	\$573
6" B-84-B Hydrant	573
5¼" B-62-B Hydrant	573
4½" MK-73 Hydrant	466

WATEROUS	LIST PRICE
5¼" WB67 Pacer (all models) Hydrant (K449-UP)	\$609
4¾" WB77 Trend Hydrant (K481-P)	489
4¾" WB77-1 Trend Hydrant (K1118-UP)	609



## 4 1/2" Mark 73 Traffic Hydrant Repair Parts

PART #	SEE NOTE	DESCRIPTION	PRICE EACH
73-1	7	Operating Nut.....	\$184
73-2-1		Cover O-Ring.....	7
73-2-2		Housing O-Ring (2 required).....	7
73-4-4		Thrust Washer.....	8
73-5-3		Pipe Plug.....	5
73-7-7		Weather Cover w/Weather Shield.....	70
73-9		Housing Cover.....	57
73-11-2		Housing Cover Cap Screw (4 required).....	5
73-13		Housing Cover Gasket.....	7
73-14		Housing Gasket.....	7
73-15	7	Housing – Dry Top.....	219
73-16		Housing Bolt and Nut (6 required).....	5
73-18-60		Upper Barrel – 2 Hose & 1 Steamer Outlet (MK73-5).....	513
		Upper Barrel – 2 Hose Outlets (MK73-5).....	475
73-19-SR	1	Lower Barrel – 5' Trench.....	758
		Add or Deduct for each 6" variance in trench.....	20
73-20-3	2	Hose Nozzle (Amlok).....	92
73-20-4	2	Hose Nozzle O-Ring (Amlok).....	7
73-20-5	2	Hose Nozzle Spacer O-Ring (Amlok).....	7
73-20-60		Hose Nozzle (MK73-5).....	92
73-20-61		Hose Nozzle O-Ring Seal (MK73-5).....	7
73-20-62		Hose Nozzle Retainer (MK73-5).....	33
73-20-63		Hose Nozzle Washer (MK73-5).....	3
73-21	3	Hose Nozzle Cap.....	77
73-22	3	Hose Nozzle Cap Gasket.....	5
73-23-1		Nozzle Cap Chain.....	12
73-24-3	2	Nozzle Set Screw.....	4
73-24-4	2	Nozzle Internal Set Screw.....	4
73-24-5	2	Nozzle Internal Set Screw.....	4
73-25-3	2	Pumper Nozzle (Amlok).....	261
73-25-4	2	Pumper Nozzle O-Ring (Amlok).....	8
73-25-5	2	Pumper Nozzle Spacer O-Ring (Amlok).....	8
73-25-60		Pumper Nozzle (MK73-5).....	261
73-25-61		Pumper Nozzle O-Ring Seal (MK73-5).....	8
73-25-62		Pumper Nozzle Retainer (MK73-5).....	43
73-25-63		Pumper Nozzle Washer (MK73-5).....	5
73-26	3	Pumper Nozzle Cap.....	133
73-27	3	Pumper Nozzle Cap Gasket.....	7
73-29-13	1	Non-Breakable Flange (2 required).....	57
73-29-14	1	Snap Ring (2 required).....	19
73-29-30		Traffic Model Rod Coupling.....	52
73-29-40		Non-Traffic Rod Coupling (for Extension Kit).....	52
73-29-31		Rod Coupling Pin and Clip Pins (2 required).....	7
73-29-45		Breakable Flange.....	52
73-30-03		Spring.....	57
73-30-04		Spring Plate.....	8
73-30-07	6	Spring Plate Pin.....	8
73-30-06		Travel Stop Nut.....	27
73-30-11	4	Upper Hydrant Rod.....	154
73-30-12		Lower Hydrant Rod – 5' Trench.....	186
		Add or Deduct for each 6" variance in trench.....	5
73-31		Drain Lever.....	140
73-35-02	5	Hydrant Seat w/O-Rings.....	219
73-36-1		Hydrant Seat O-Ring (2 required).....	13
73-37		Drain Ring (Bronze).....	283
73-38		Drain Ring Gasket (2 required).....	7
73-38-1		Barrel Gasket.....	7
73-39		Base Bolt and Nut (8 required).....	8
73-39-9		Barrel Bolt and Nut (8 required).....	8
73-40	6	Valve Top.....	61

PART #	SEE NOTE	DESCRIPTION	PRICE EACH
73-40-1	6	Valve Top Facing (2 required).....	\$ 7
73-40-2	6	Valve Top Facing Screw (4 required).....	4
73-40-4		Valve Top Clevis Pin.....	5
73-41		Hydrant Valve (MK73 & MK73-1).....	70
		Hydrant Valve (MK73-2 & MK73-5).....	80
73-42		Valve Bottom.....	86
73-46-2		4" Flanged Base.....	464
		6" Flanged Base.....	499
73-46-5		4" Mechanical Joint Base Less Acc.....	525
		6" Mechanical Joint Base Less Acc.....	575
73-46-TY		6" Tyton Base.....	499
73-144		Weather Shield.....	8
73-145	4	Rod Sleeve.....	23
73-146	4	Sleeve O-Ring (2 required).....	4

TOOLS		PRICE EACH
PART #	DESCRIPTION	
147	Seat Wrench.....	\$206
149	Hose Nozzle Wrench.....	81
150	Pumper Nozzle Wrench.....	100
	Operating Wrench.....	70
	Storz Nozzle Adjustable Wrench.....	184
	Travel Stop Nut Wrench.....	55
	Retainer Wrench–Hose.....	81
	Retainer Wrench–Pumper.....	100
	Retainer Wrench–5" Storz.....	524
	Complete Upper Barrel Assembly-DDP.....	1,795

**SEE MARK 73 HYDRANT  
PARTS DIAGRAM ON  
PAGE 16**

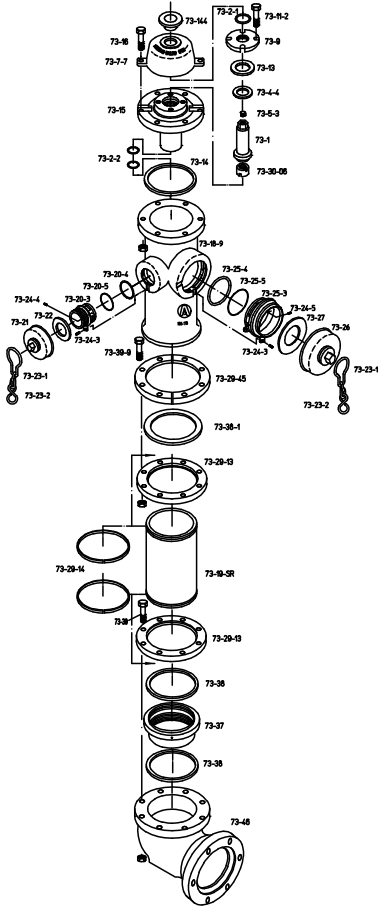
**NOTES:**

1. Part No. 73-19-SR includes two Snap Rings and Non-Breakable Flanges.
2. Part Nos. 73-20-3 and 73-25-3 includes Nozzle Set Screws & O-Rings.
3. Part Nos. 73-21 & 73-26 include Cap Gasket.
4. Part No. 73-30-11 includes Rod Sleeve and Sleeve O-Ring.
5. Part No. 73-35-02 includes Seat O-Rings.
6. Part No. 73-30-12 includes Spring Plate Pin.
7. The 'Year' cast date and marking should be indicated when ordering part 73-1 or 73-15, and paint color is required on 73-15.

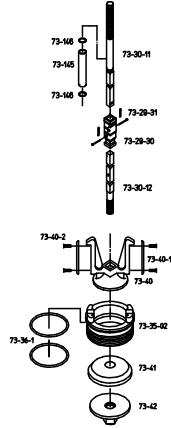


## 4 1/2" Mark 73 Traffic Hydrant Parts Diagram

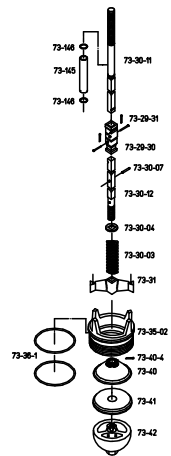
AMERICAN-DARLING  
4 1/2" MK73-1 AND 4 1/2" MK73-2  
WITH AMLOK NOZZLES  
1986 THRU 2004



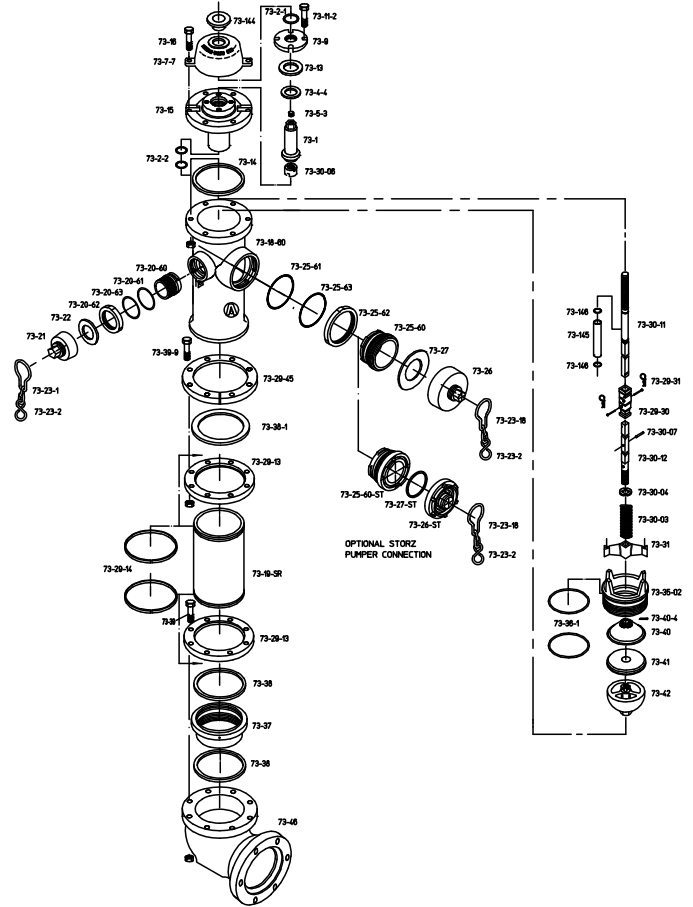
4 1/2" MK73  
AND  
4 1/2" MK73-1  
ROD AND SEAT  
PARTS  
1973 THRU 2001



4 1/2" MK73-2  
ROD AND SEAT  
PARTS  
2002 THRU 2004



AMERICAN-DARLING  
4 1/2" MK73-5  
MECHANICALLY ATTACHED NOZZLES  
2005 AND NEWER







## 5 1/4" B-84-B Traffic Hydrant Repair Parts

PART #	SEE NOTE	DESCRIPTION	PRICE EACH
84-1		Operating Nut w/Pipe Plug . . . . .	\$184
84-2-1		Cover O-Ring . . . . .	7
84-2-2		Housing O-Ring (2 required) . . . . .	7
*84-3-2		Op Nut Weathercap . . . . .	80
*84-3-4		Screw Cap Socket . . . . .	4
84-4-4		Thrust Washer . . . . .	8
84-5-3		Pipe Plug . . . . .	5
*84-7-5		Tamperproof Weather Cover . . . . .	98
84-7-7		Weather Cover w/Weather Shield . . . . .	70
84-9		Housing Cover . . . . .	57
84-11-2		Housing Cover Cap Screw (4 required) . . . . .	5
84-13		Housing Cover Gasket . . . . .	7
84-14		Housing Gasket . . . . .	7
84-15	8	Housing . . . . .	219
84-16		Housing Bolt and Nut (6 required) . . . . .	5
84-18-60		Upper Barrel-2 Hose & 1 Steamer Outlet (B84B-5) . . . . .	513
		Upper Barre -2 Hose Outlets (B84B-5) . . . . .	475
84-19-SR	2	Lower Barrel-5' Trench . . . . .	758
		Add or Deduct for each 6" variance in trench . . . . .	20
84-20-3	3	Hose Nozzle (Amlok) . . . . .	92
84-20-4	3	Hose Nozzle O-Ring (Amlok) . . . . .	7
84-20-5	2	Hose Nozzle Spacer O-Ring (Amlok) . . . . .	7
84-20-60		Hose Nozzle (B84B-5) . . . . .	92
84-20-61		Hose Nozzle O-Ring Seal (B84B-5) . . . . .	7
84-20-62		Hose Nozzle Retainer (B84B-5) . . . . .	33
84-20-63		Hose Nozzle Washer (B84B-5) . . . . .	3
84-21	4	Hose Nozzle Cap . . . . .	77
84-22	4	Hose Cap Gasket . . . . .	5
84-23-1		Nozzle Cap Chain . . . . .	12
84-24-3	3	Nozzle Set Screw . . . . .	4
84-24-4	2	Nozzle Internal Set Screw . . . . .	4
84-24-5	2	Nozzle Internal Set Screw . . . . .	4
84-25-3	3	Pumper Nozzle (Amlok) . . . . .	261
84-25-4	3	Pumper Nozzle O-Ring (Amlok) . . . . .	8
84-25-5	2	Pumper Nozzle Spacer O-Ring (Amlok) . . . . .	8
84-25-60		Pumper Nozzle (B84B-5) . . . . .	261
84-25-61		Pumper Nozzle O-Ring Seal (B84B-5) . . . . .	8
84-25-62		Pumper Nozzle Retainer (B84B-5) . . . . .	43
84-25-63		Pumper Nozzle Washer (B84B-5) . . . . .	5
84-26	4	Pumper Nozzle Cap . . . . .	133
84-27	4	Pumper Cap Gasket . . . . .	7
84-29-13	2	Non-Breakable Flange (2 required) . . . . .	57
84-29-14	2	Snap Ring (2 required) . . . . .	19
84-29-30		Traffic Model Rod Coupling . . . . .	52
*84-29-40		Non-Traffic Rod Coupling (for Extension Kit) . . . . .	52
84-29-31		Rod Coupling Pin and Clip Pins (2 required) . . . . .	7
84-29-45		Breakable Flange . . . . .	52
84-30-03		Spring . . . . .	57
84-30-04		Spring Plate . . . . .	8
84-30-06		Travel Stop Nut . . . . .	27
84-30-07	6	Spring Plate Pin . . . . .	8
84-30-11	5	Upper Rod . . . . .	154
84-30-12	6	Lower Rod - 5' Trench . . . . .	186
		Add or Deduct for each 6" variance in trench . . . . .	5
84-31	7	Drain Lever . . . . .	140
84-33		Drain Lever Washer . . . . .	5
84-34		Drain Lever Rivet . . . . .	5
84-35-02	7	Hydrant Seat w/O-Rings . . . . .	219
84-36-1	7	Seat O-Ring (2 required) . . . . .	13
84-37		Drain Ring . . . . .	283

PART #	SEE NOTE	DESCRIPTION	PRICE EACH
84-38		Drain Ring Gasket (2 required) . . . . .	\$ 7
84-38-1		Barrel Gasket . . . . .	7
84-39		Base Bolt and Nut (8 required) . . . . .	8
84-39-9		Barrel Bolt and Nut (8 required) . . . . .	8
84-40		Valve Top . . . . .	61
84-40-4		Valve Top Clevis Pin . . . . .	4
84-41		Hydrant Valve . . . . .	80
84-42		Valve Bottom . . . . .	86
84-46-2		4" Flanged Base . . . . .	464
		6" Flanged Base . . . . .	499
84-46-5		4" Mechanical Joint Base Less Acc. . . . .	525
		6" Mechanical Joint Base Less Acc. . . . .	575
84-46-TY		6" Tyton Base . . . . .	499
84-144		Weather Shield . . . . .	8
84-145	5	Rod Sleeve . . . . .	23
84-146	5	Sleeve O-Ring (2 required) . . . . .	4

TOOLS		PRICE EACH
PART #	DESCRIPTION	
147	Seat Wrench . . . . .	\$206
149	Hose Nozzle Wrench . . . . .	81
150	Pumper Nozzle Wrench . . . . .	100
	Operating Wrench . . . . .	70
	Storz Nozzle Adjustable Wrench . . . . .	184
	Tamperproof Cover Wrench . . . . .	113
	Travel Stop Nut Wrench . . . . .	55
	Retainer Wrench-Hose . . . . .	81
	Retainer Wrench-Pumper . . . . .	100
	Retainer Wrench-5" Storz . . . . .	524
	Complete Upper Barrel Assembly-DDP . . . . .	1,795

**SEE 5 1/4" B-84-B HYDRANT  
PARTS DIAGRAM ON  
PAGE 18.**

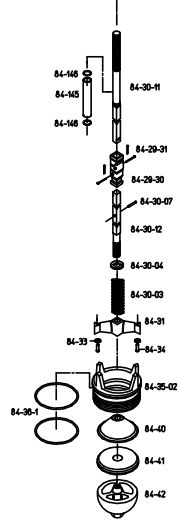
**NOTES:**

- The part numbers should be preceded by 54 to denote 5 1/4" Main Valve Opening.
- Part No. 84-19-SR includes two Snap Rings and Non-Breakable Flanges.
- Part Nos. 84-20-3 and 84-25-3 include Nozzle Set Screws & O-Rings.
- Part Nos. 84-21 & 84-26 include Cap Gasket.
- Part No. 84-30-11 includes Rod Sleeve and Sleeve O-Ring.
- Part No. 84-30-12 includes Spring Plate Pin.
- Part No. 84-35-02 includes Seat O-Rings.
- Part No. 84-15 requires paint color.

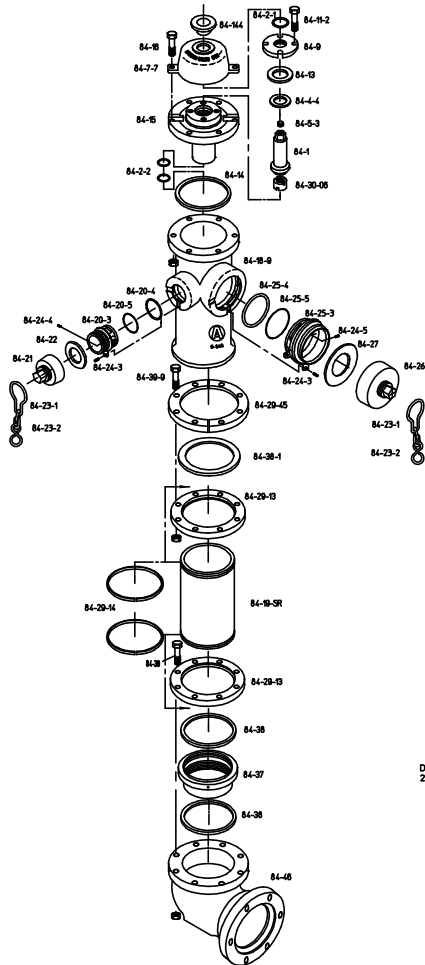


## 5 1/4" B-84-B Traffic Hydrant Parts Diagram

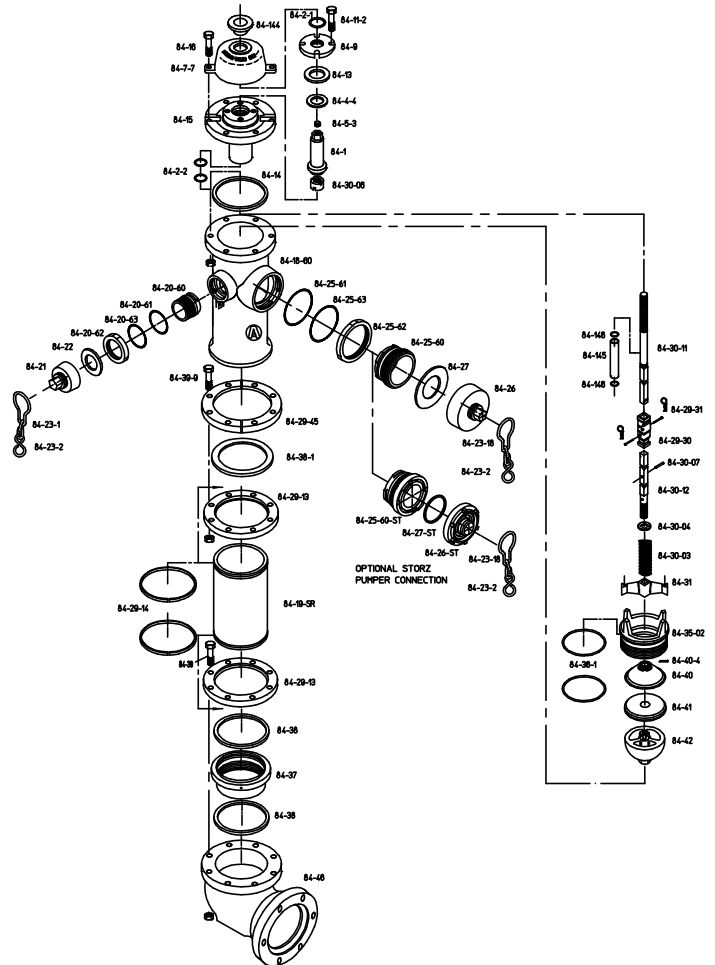
AMERICAN-DARLING  
5 1/4" B84B  
ROD AND SEAT PARTS  
1984 THRU 1996



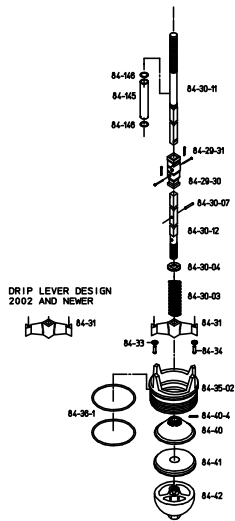
AMERICAN-DARLING  
5 1/4" B84B  
WITH AMLOK NOZZLES  
1984 THRU 2004



AMERICAN-DARLING  
5 1/4" B84B-5  
MECHANICALLY ATTACHED NOZZLES  
2005 AND NEWER



AMERICAN-DARLING  
5 1/4" B84B  
ROD AND SEAT PARTS  
1997 AND NEWER





## 6" B-84-B Traffic Hydrant Repair Parts

PART #	SEE NOTE	DESCRIPTION	PRICE EACH
84-1		Operating Nut w/Pipe Plug	\$211
84-2-1		Housing Cover O-Ring	7
84-2-2		Housing O-Ring (2 required)	7
84-4-4		Thrust Washer	8
84-5-3		Pipe Plug	5
*84-7-5		Tamperproof Weather Cover	113
84-7-7		Weather Cover w/Weather Shield	86
84-9		Housing Cover	59
84-11-2		Housing Cover Cap Screw (4 required)	5
84-13		Housing Cover Gasket	7
84-14		Housing Gasket	7
84-15	9	Housing	255
84-16		Housing Bolt and Nut (6 required)	5
84-18-60		Upper Barrel – 2 Hose & 1 Steamer Outlet	552
		Upper Barrel – 2 Hose Outlets	513
84-19-SR	2	Lower Barrel – 5' Trench	883
		Add or Deduct for each 6" variance in trench	23
84-20-3	3	Hose Nozzle (Amlok)	92
84-20-4	3	Hose Nozzle O-Ring (Amlok)	7
84-20-5	2	Hose Nozzle Spacer O-Ring (Amlok)	7
84-20-60		Hose Nozzle (B84B-5)	92
84-20-61		Hose Nozzle O-Ring Seal (B84B-5)	7
84-20-62		Hose Nozzle Retainer (B84B-5)	33
84-20-63		Hose Nozzle Washer (B84B-5)	3
84-21	5	Hose Nozzle Cap	77
84-22	5	Hose Cap Gasket	5
84-23-1		Nozzle Cap Chain	12
84-24-3	3	Nozzle Set Screw	4
84-24-4	2	Nozzle Internal Set Screw	4
84-24-5	2	Nozzle Internal Set Screw	4
84-25-3	3	Pumper Nozzle (Amlok)	261
84-25-4	3	Pumper Nozzle O-Ring (Amlok)	8
84-25-5	2	Pumper Nozzle Spacer O-Ring (Amlok)	8
84-25-60		Pumper Nozzle (B84B-5)	261
84-25-61		Pumper Nozzle O-Ring Seal (B84B-5)	8
84-25-62		Pumper Nozzle Retainer (B84B-5)	43
84-25-63		Pumper Nozzle Washer (B84B-5)	5
84-26	5	Pumper Nozzle Cap	133
84-27	4	Pumper Cap Gasket	7
84-29-14	2	Snap Ring (2 required)	20
84-29-15	2	Breakable Flange	57
84-29-16	2	Non-Breakable Flange	64
84-29-30		Traffic Model Rod Coupling	52
*84-29-40		Non-Traffic Rod Coupling (for Extension Kit)	52
84-29-31		Rod Coupling Pin and Clip Pins (2 required)	7
84-30-03		Spring	57
84-30-04		Spring Plate	8
84-30-06		Travel Stop Nut	27
84-30-07	6	Spring Plate Pin	8
84-30-11	5	Upper Rod	184
84-30-12	6	Lower Rod – 5' Trench	205
		Add or Deduct for each 6" variance in trench	7
84-31	7	Drain Lever	154
84-33	7	Drain Lever Washer (2 required)	5
84-34	7	Drain Lever Rivet (2 required)	5
84-35-02	8	Hydrant Seat w/O-Rings	242
84-36-1		Seat O-Ring (2 required)	19
84-37		Drain Ring	307
84-38		Drain Ring Gasket (2 required)	7

PART #	SEE NOTE	DESCRIPTION	PRICE EACH
84-38-1		Barrel Gasket	\$ 7
84-39		Base Bolt and Nut (6 required)	8
84-39-9		Barrel Bolt and Nut (8 required)	8
84-40		Valve Top	80
84-40-4		Valve Top Clevis Pin	4
84-41		Hydrant Valve	93
84-42		Valve Bottom	94
84-46-2		6" Flanged Base	544
84-46-5		4" Mechanical Joint Base Less Acc.	584
		6" Mechanical Joint Base Less Acc.	625
84-46-TY		6" Tyton Base	544
84-144		Weather Shield	8
84-145	4	Rod Sleeve	27
84-146	4	Sleeve O-Ring (2 required)	4

### TOOLS

PART #	DESCRIPTION	PRICE EACH
147	Seat Wrench	\$325
149	Hose Nozzle Wrench	81
150	Pumper Nozzle Wrench	100
	Operating Wrench	70
	Storz Nozzle Adjustable Wrench	184
	Tamperproof Cover Wrench	113
	Retainer Wrench–Hose	81
	Retainer Wrench–Pumper	100
	Retainer Wrench–5" Storz	524
	Complete Upper Barrel Assembly-DDP	1,928

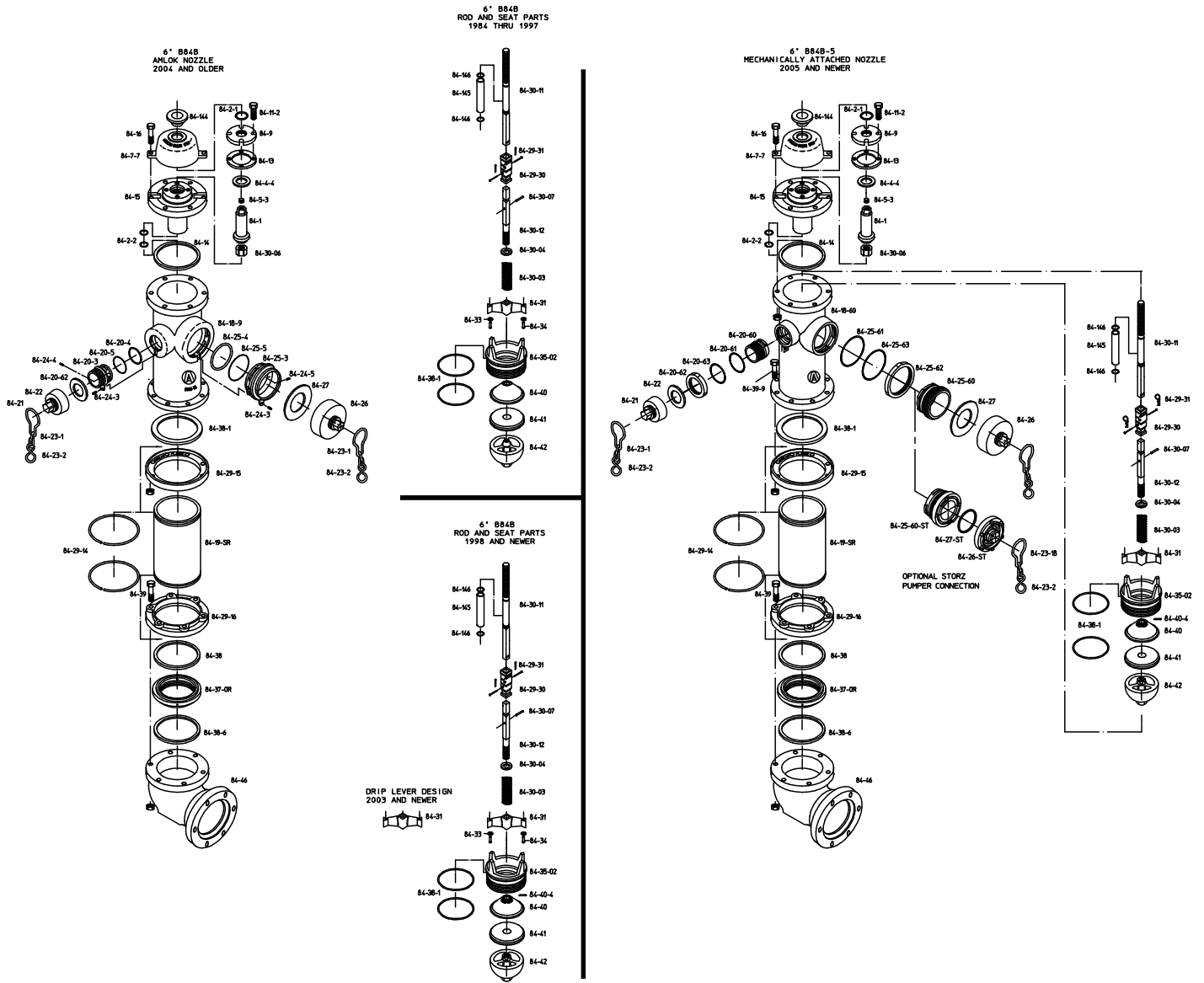
**SEE 6" B-84-B HYDRANT  
PARTS DIAGRAM ON  
PAGE 20.**

### NOTES:

- The part numbers should be preceded by 60 to denote 6" Main Valve Opening.
- Part No. 84-19-SR includes two Snap Rings and Breakable and Non-Breakable Flanges.
- Part Nos. 84-20-3 and 84-25-3 include Nozzle Set Screws & O-Rings.
- Part No. 84-30-11 includes Rod Sleeve and Sleeve O-Ring.
- Part Nos. 84-21 and 84-26 include Cap Gasket.
- Part No. 84-30-12 includes Spring Plate Pin.
- Part No. 84-31 includes Lever Washers & Lever Rivets.
- Part No. 84-35-02 includes Seat O-Rings.
- Part No. 84-15 requires paint color.



## 6" B-84-B Traffic Hydrant Parts Diagram





## 5 1/4" B-62-B Traffic Hydrant Repair Parts

PART #	SEE NOTE	DESCRIPTION	PRICE EACH
62-1		Operating Nut w/Pipe Plug	\$211
62-2-1		Housing Cover O-Ring	7
62-2-2		Housing O-Ring (2 required)	7
62-4-4		Thrust Washer	8
62-5-3		Pipe Plug	5
*62-7-5		Tamperproof Weather Cover	113
62-7-7		Weather Cover w/Weather Shield	86
62-9		Housing Cover	59
62-11-2		Housing Cover Cap Screws (4 required)	5
62-13		Housing Cover Gasket	7
62-14		Housing Gasket	7
62-15	10	Housing	255
62-16		Housing Bolts and Nuts (6 required)	5
62-18-60		Upper Barrel – 2 Hose & 1 Steamer Outlet	552
		Upper Barrel – 2 Hose Outlets	513
62-19-SR 2,9.		Lower Barrel – 5' Trench	883
		Add or Deduct for each 6" variance in trench	23
62-20-3	3	Hose Nozzle (Amlok)	92
62-20-4	3	Hose Nozzle O-Ring (Amlok)	7
62-20-5	2	Hose Nozzle Spacer O-Ring (Amlok)	7
62-20-60		Hose Nozzle (B62B-5)	92
62-20-61		Hose Nozzle O-Ring Seal (B62B-5)	7
62-20-62		Hose Nozzle Retainer (B62B-5)	33
62-20-63		Hose Nozzle Washer (B62B-5)	3
62-21	4	Hose Nozzle Cap	77
62-22	4	Hose Cap Gasket	5
62-23-1		Nozzle Cap Chain	12
62-24-3	3	Nozzle Set Screw	4
62-24-4	2	Nozzle Internal Set Screw	4
62-24-5	2	Nozzle Internal Set Screw	4
62-25-3	3	Pumper Nozzle (Amlok)	261
62-25-4	3	Pumper Nozzle O-Ring (Amlok)	8
62-25-5	2	Pumper Nozzle Spacer O-Ring (Amlok)	8
62-25-60		Pumper Nozzle (B62B-5)	261
62-25-61		Pumper Nozzle O-Ring Seal (B62B-5)	8
62-25-62		Pumper Nozzle Retainer (B62B-5)	43
62-25-63		Pumper Nozzle Washer (B62B-5)	5
62-26	4	Pumper Nozzle Cap	133
62-27	4	Pumper Cap Gasket	7
62-29-14	2	Snap Ring (2 required)	20
62-29-15	2	Breakable Flange	57
62-29-16	2	Non-Breakable Flange	64
62-29-30		Traffic Model Rod Coupling	52
62-29-40		Non-Traffic Rod Coupling (for Extension Kit)	52
62-29-31		Rod Coupling Pin and Clip Pins (2 required)	7
62-30-03		Hydrant Spring	57
62-30-04		Spring Plate	8
62-30-06		Travel Stop Nut	27
62-30-07	6	Spring Plate Pin	8
62-30-11	5	Upper Rod	184
62-30-12	6	Lower Rod – 5' Trench	205
		Add or Deduct for each 6" variance in trench	7
62-31		Drain Lever	152
62-33	7	Drain Lever Washer (3 required)	5
62-34	7	Drain Lever Rivet (3 required)	5
62-35-OR	8	Hydrant Seat w/O-Rings	226
62-36-2		Seat O-Ring (Outside)	19
62-36-3		Seat O-Ring (Inside)	13
62-37-OR		Drain Ring	306
62-38		Drain Ring Gasket	7

PART #	SEE NOTE	DESCRIPTION	PRICE EACH
62-38-1		Barrel Gasket	\$ 7
62-38-6		Base Gasket	7
62-39		Base Bolt and Nut (6 required)	8
*62-39-7		Frangible Bolt & Nut (1985 & Older) (8 required)	13
62-39-9		Barrel Bolt and Nut (8 required)	8
62-40		Valve Top	52
62-41		Hydrant Valve	80
62-42		Valve Bottom	92
62-46-2		6" Flanged Base	544
62-46-5		4" Mechanical Joint Base Less Acc.	584
		6" Mechanical Joint Base Less Acc.	625
62-46-TY		6" Tyton Base	544
62-144		Weather Shield	8
62-145	5	Rod Sleeve	27
62-146	5	Sleeve O-Ring (2 required)	4

### TOOLS

PART #	DESCRIPTION	PRICE EACH
147	Seat Wrench	\$325
149	Hose Nozzle Wrench	81
150	Pumper Nozzle Wrench	100
	Operating Wrench	70
	Storz Nozzle Adjustable Wrench	184
	Tamperproof Cover Wrench	113
	Retainer Wrench–Hose	81
	Retainer Wrench–Pumper	100
	Retainer Wrench–5" Storz	524
	Complete Upper Barrel Assembly-DDP	1,928

**SEE 5 1/4" B-62-B HYDRANT  
PARTS DIAGRAM ON  
PAGE 22.**

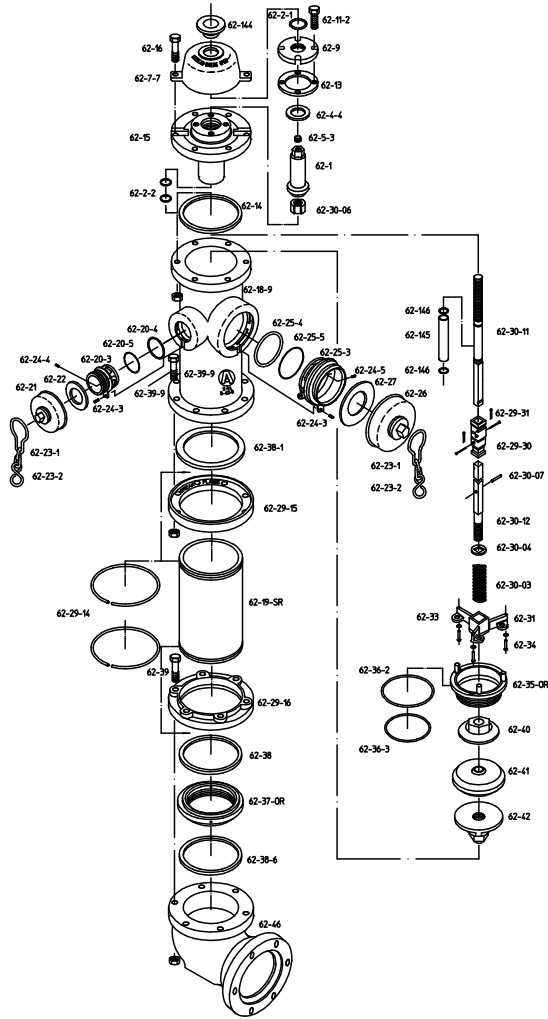
#### NOTES:

- The part numbers should be preceded by 54 to denote 5 1/4" Main Valve Opening.
- Part No. 62-19-SR includes two Snap Rings and Breakable and Non-Breakable Flanges.
- Part Nos. 62-20-3 and 62-25-3 include Nozzle Set Screws & O-Rings.
- Part Nos. 62-21 and 62-26 include Cap Gasket.
- Part No. 62-30-11 includes Rod Sleeve and Sleeve O-Ring.
- Part No. 62-30-12 includes Spring Plate Pin.
- Part Nos. 62-33 and 62-34 were supplied on Drain Lever 2003 and prior.
- Part No. 62-35-OR includes Seat O-Rings.
- When Part No. 62-19-9 is ordered, Part No. 62-19-SR with two Non-Breakable Flanges will be substituted.
- Part No. 62-15 requires paint color.

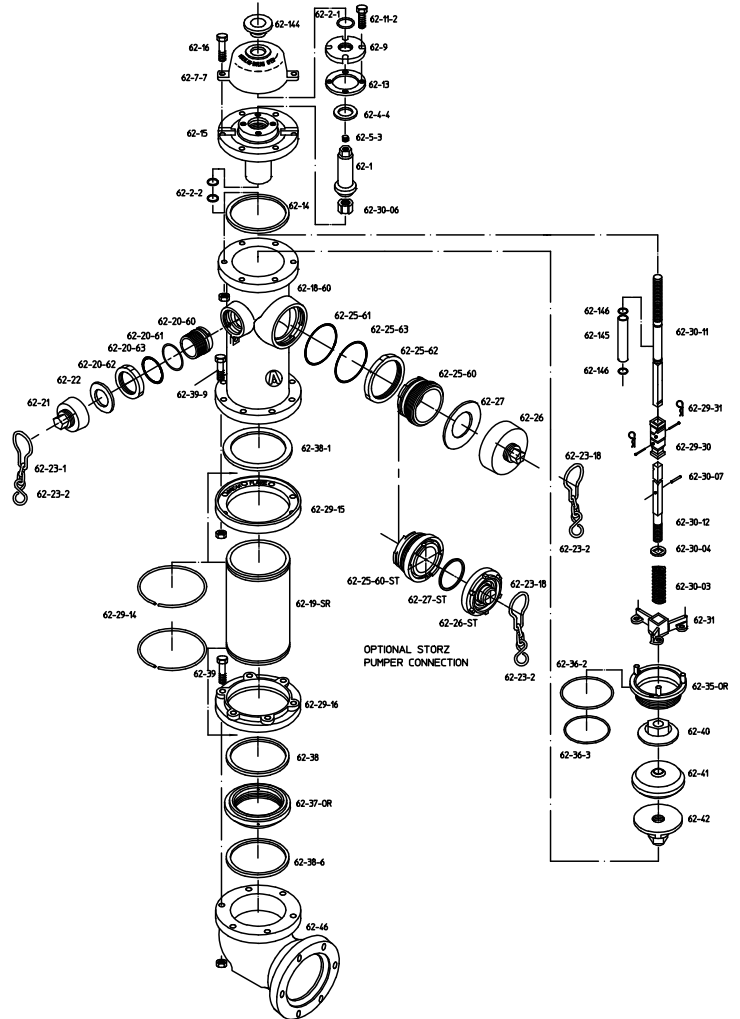


## 5 1/4" B-62-B Traffic Hydrant Parts Diagram

AMERICAN-DARLING  
 5 1/4" B62B AND  
 5 1/4" B62B-1  
 (1986 AND NEWER WITH SNAP RING LOWER BARREL)  
 WITH AMLOK NOZZLES  
 1980 THRU 2003



AMERICAN-DARLING  
 5 1/4" B62B-5  
 MECHANICALLY ATTACHED NOZZLES  
 2005 AND NEWER





## B-50-B Regular & Quik-Fix Hydrant Repair Parts

PART #	SEE NOTE	DESCRIPTION	SIZE			
			4"	4½"	5"	6"
<b>REGULAR MODEL</b>						
50-1		Operating Nut w/Pipe Plug	\$184	\$184	\$211	\$211
50-2-1		Housing Cover O-Ring	7	7	7	7
50-2-2		Housing O-Ring	7	7	7	7
50-4		Ball Bearing	48	48	52	52
50-5-3		Pipe Plug	5	5	5	5
50-7		Hydrant Cover	85	85	145	201
50-9		Housing Cover	59	59	120	120
50-11-2		Housing Cover Screws	5	5	5	5
50-13		Housing Cover Gasket	7	7	7	7
50-14		Housing Gasket	7	7	8	12
50-15	6	Housing	255	255	364	593
50-16		Housing Bolts and Nuts	5	5	7	7
50-18-9		Upper Barrel	N/A	N/A	N/A	N/A
50-19-9		Lower Barrel 5' Trench	883	883	1,039	1,589
Add or Deduct for each						
		6" variance in trench	23	23	27	32
50-20-3	5	Hose Nozzle (Amlok)	92	92	92	92
50-20-4	5	Hose Nozzle O-Ring (Amlok)	7	7	7	7
50-20-5	2	Hose Nozzle Spacer O-Ring (Amlok)	7	7	7	7
50-21	3	Hose Nozzle Cap	77	77	77	77
50-22	3	Hose Nozzle Cap Gasket	5	5	5	5
*50-23-1		Nozzle Cap Chain Single	12	12	12	12
*50-23-2		S-Hook	5	5	5	5
50-24-3	5	Nozzle Set Screw	4	4	4	4
50-24-4	2	Nozzle Internal Set Screw	4	4	4	4
50-24-5	2	Nozzle Internal Set Screw	4	4	4	4
50-25-3	5	Pumper Nozzle (Amlok)	261	261	261	261
50-25-4	5	Pumper Nozzle O-Ring (Amlok)	8	8	8	8
50-25-5	2	Pumper Nozzle Spacer O-Ring (Amlok)	8	8	8	8
50-26	3	Pumper Nozzle Cap	133	133	133	133
50-27	3	Pumper Nozzle Cap Gasket	7	7	7	7
50-29-13		Non-Breakable Flange	64	64	64	64
50-29-14		Snap Ring	20	20	20	20
50-29-30		Rod Coupling	52	52	52	52
50-29-31		Rod Coupling Pin & Clip Pin	7	7	7	7
50-30-11	1	Upper Hydrant Rod	154	154	181	194
50-30-12	2	Lower Hydrant Rod for 5' Trench	174	174	205	218
Add or Deduct for each						
		6" variance in trench	5	5	7	7
50-30-01	2	Rod Stop Plate	5	5	5	5
50-30-02	2	Stop Plate Rivet	4	4	4	4
50-31	4	Drain Lever	174	184	201	420
50-32		Cotter Pins	4	4	4	4
50-33	4	Drain Lever Washers	5	5	5	5
50-34	4	Drain Lever Rivets	5	5	5	5
50-35		Hydrant Seat	219	246	275	411
50-36		Hydrant Seat Gasket	23	27	29	36
50-37		Drain Ring	294	313	438	584
50-38		Drain Ring Gasket	7	7	8	12
50-38-1		Flange Gasket	7	7	8	13
50-38-6		Base Gasket	7	7	8	13
50-39		Base Bolts and Nuts	8	8	8	8
50-39-7		Frangible Bolts & Nuts (Traffic Model)	13	13	19	-
50-39-9		Barrel Bolts & Nuts	8	8	8	8
50-40		Hydrant Valve Top	55	57	66	112
50-41		Hydrant Valve	66	80	85	94
50-42		Hydrant Valve Bottom	48	52	85	170
		Hydrant Valve Complete	165	186	233	374
50-43		Hydrant Rod Seal	44	44	51	51

PART #	SEE NOTE	DESCRIPTION	SIZE			
			4"	4½"	5"	6"
50-44		Hydrant Rod Nut	\$ 5	\$ 5	\$ 7	\$ 7
50-45		Hydrant Rod Lock Nut	7	7	8	8
50-46-5		Base 6" Mechanical Joint	625	625	718	971
50-46-2		Base 6" Flange End	544	544	625	834
50-145		Rod Sleeve	27	27	27	27
50-146		Sleeve O-Ring (2 required)	4	4	4	4
<b>QUIK-FIX MODEL</b>						
50-18-7		Upper Barrel – DDP	N/A	N/A	N/A	N/A
50-19-7		Lower Barrel	N/A	N/A	N/A	N/A
50-29-18		Quik-Fix Segments	27	27	29	N/A
50-29-19		Segment Bolt & Nut (4 required)	7	7	7	7
50-29-20		Quik-Fix Gasket	8	8	19	32

PART #	SEE NOTE	DESCRIPTION	SIZE			
			4"	4½"	5"	6"
		Operating Wrench	\$70	\$70	\$70	\$70
147		Seat Wrench	225	225	225	225
149		Hose Nozzle Wrench	81	81	81	81
150		Pumper Nozzle Wrench	100	100	100	100

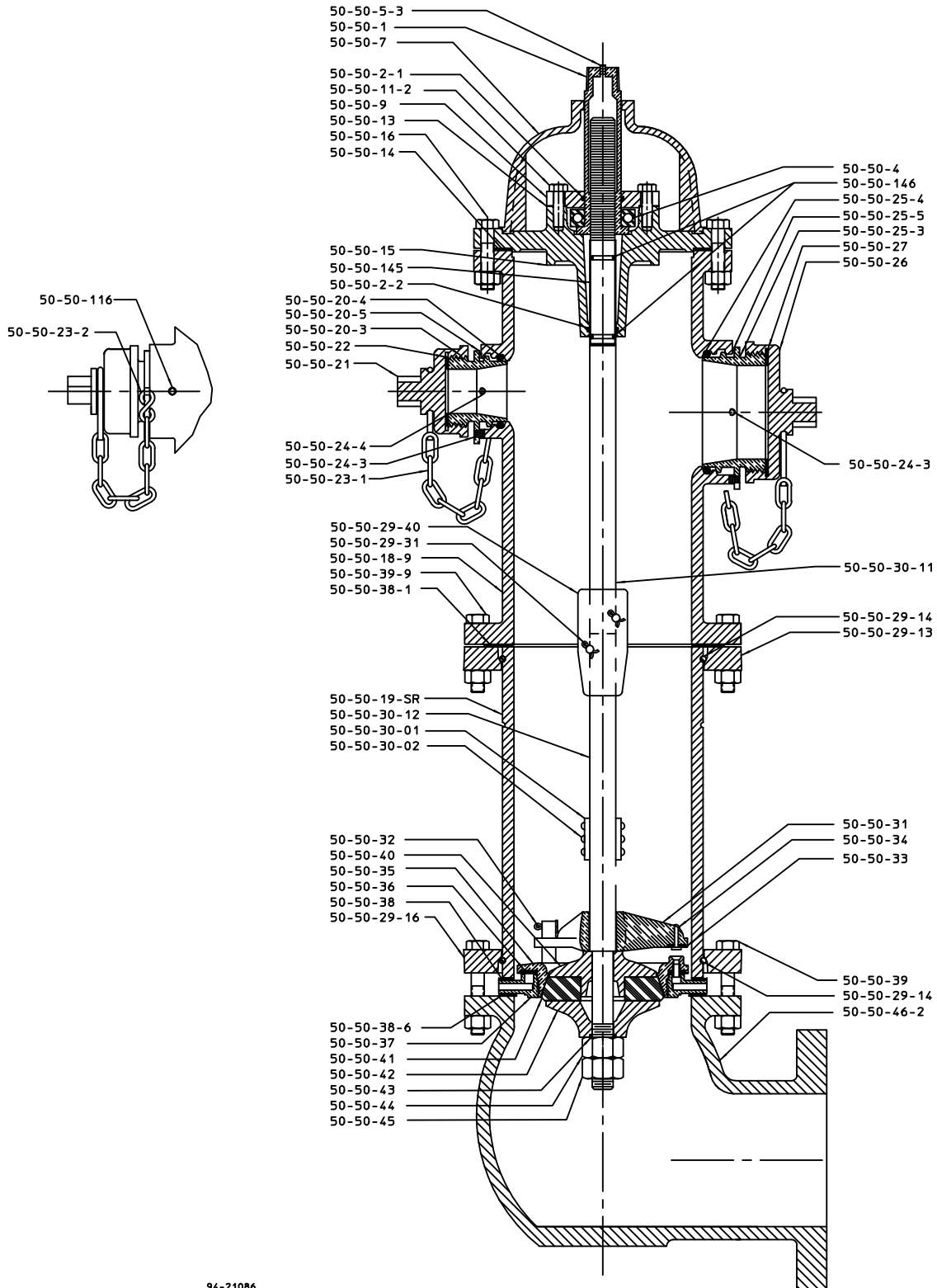
**SEE B-50-B HYDRANT PARTS DIAGRAM ON PAGE 24.**

**NOTES:**

1. Part No. 50-30-11 includes Rod Sleeve.
2. Part No. 50-30-12 includes Stop Plates & Rivets.
3. Part Nos. 50-21 & 50-26 include Cap Gasket.
4. Part No. 50-31 includes Lever Washers & Lever Rivets.
5. Part Nos. 50-20-3 and 50-25-3 include Nozzle Set Screws & O-Rings.
6. Part No. 50-15 requires paint color.



## B-50-B Regular & Quik-Fix Hydrant Parts Diagram



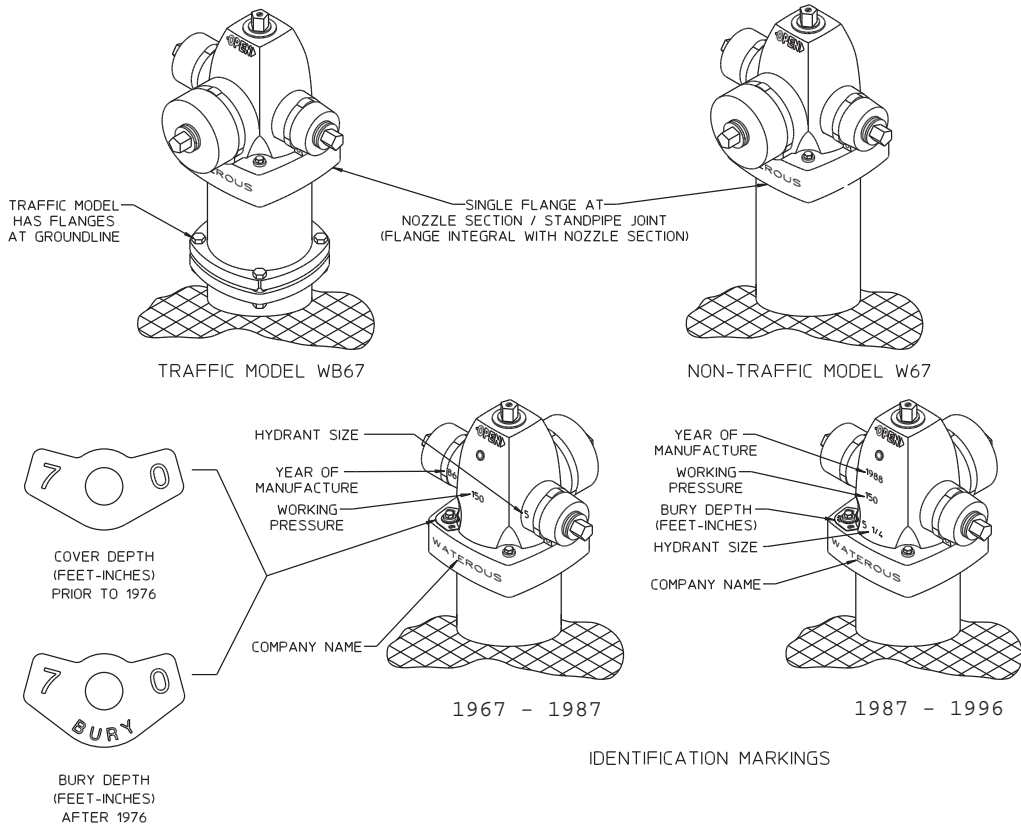
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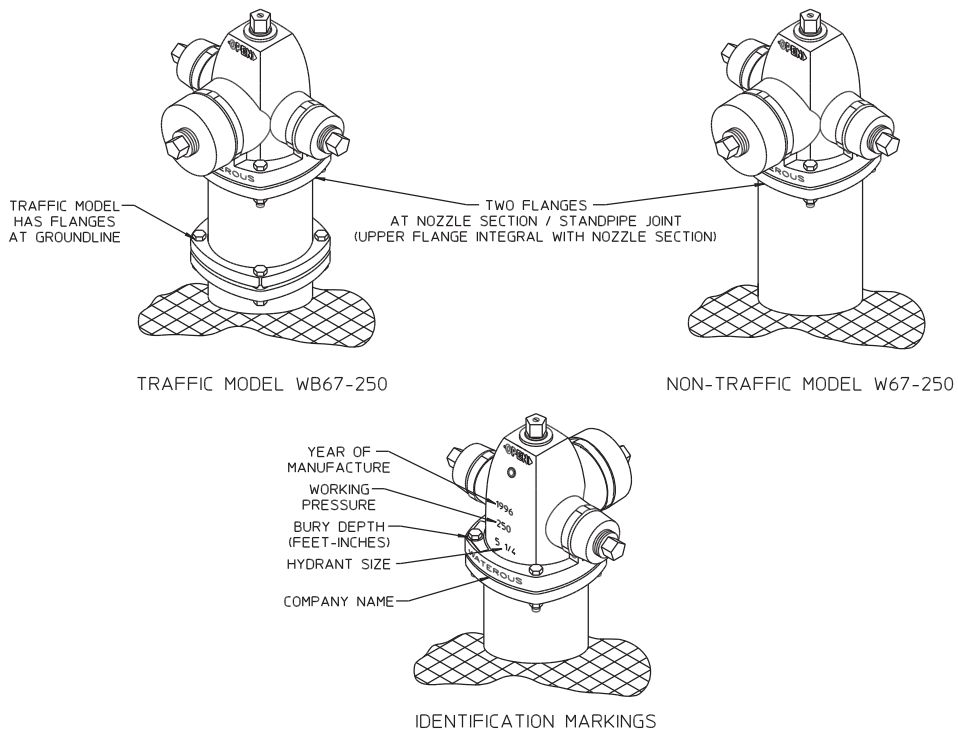


## Pacer Hydrant Variations

### 150 PSI WORKING PRESSURE GRAY IRON PACER (MODELS W67 AND WB67 BUILT FROM 1967 TO 1996)



### 250 PSI Working Pressure Ductile Iron Pacer (Models W67-250 and WB67-250 built from 1996 to present)





## Pacer Hydrant Parts W67/WB67/W67-250/WB67-250

PART #	SEE NOTE	DESCRIPTION	PRICE EACH
3		O-ring (Lower valve seat), 5-5/8 x 6-3/64	\$ 5
5		Lower Standpipe Gasket	7
6A		Hex Hd Bolt, 5/8-11 x 3-3/4 in.	5
6B		Hex Hd Bolt, 5/8-11 x 3 in.	5
		Hex Hd Bolt, 5/8-11 x 3 in. 304SS	8
6C		Hex Nut, 5/8-11 (Above grade)	2
		Hex Nut, 5/8-11 (Below grade) 304SS	4
7		Drain Plunger	26
8	14	Cotter Pin, 1/4 x 1-1/2 in.	See note
9A		Nozzle Cap Chain - Single	12
9B		Nozzle Cap Chain - Double	23
10	1	Nozzle Cap w/Gasket - Hose	77
	1	Nozzle Cap w/Gasket - Pumper	133
11		Cap Gasket - Hose	5
	2	Cap Gasket - Pumper	7
12	3	Nozzle - Hose	92
	3	Nozzle - Pumper	261
16		Flat Hd Screw, 1/4-20 x 1/2 in.	2
17	4	Operating Nut (one-piece) with Weather Shield	255
	4	Operating Nut (one-piece) without Weather Shield	113
	5	Operating Nut (two-piece) with Weather Shield	255
		Upper Section of Two Piece Weather Shield Nut	52
17A	6	Lower Operating Nut	55
		Upper Section of Two Piece Weather Shield Nut	52
17B	5,18	Upper Operating Nut (Includes Ref #90)	73
		Upper Section of Two Piece Weather Shield Nut	52
28	7	Rod (non-traffic model)	281
29	8	Lower Standpipe (traffic model) 3'-0" and Under	342
	8	Standpipe (non-traffic model) 3'-0" and Under	418
		Add for each additional 6"	77
30		Crossarm	92
31		Valve Seat (Includes ref #3 & #77)	306
34		Upper Valve Washer - Piloted	36
		Upper Valve Washer - Bronze Piloted	121
35		Main Valve - Urethane	43
36		Lower Valve Washer - Standard Epoxy	71
37		Hydrant Bottom/Base	POA
40	9	Upper Standpipe (traffic model 10")	261
		Add for each additional 6"	77
54		Drain Bushing	5
56		Support Wheel (Includes Ref # 59)	149
57		O-ring (operating nut), 1-1/2 x 1-3/4	2
59		O-ring (support wheel), 1-1/8 x 1-3/8 (3 required)	2
60	11,19	Nozzle Section - Bare Casting Only W/WB67-250	448
61	8	Bury Depth Plate with Washer	5
62	13	Lock Ring Clamp	8
62B	11	Upper Standpipe Flange for Standard Pacer	49
62B	11	Upper Standpipe Flange - for Classic Pacer	58
63		Standpipe Flange	77
64		Flange Lock Ring	13
67		Coupling Sleeve (two-halves required)	23
		Coupling Sleeve (two-halves required) Bronze	36
71	10	Upper Rod Assy w/Studs & Nuts (WB-traffic model)	129
72	8	Lower Rod w/Studs & Nuts 1-3/4 (WB traffic model)	245
77		O-ring (upper valve seat), 5-7/8 x 6-1/4	8
80		Thrust Washer (prior to 1970)	8
81		Groove Pin, 3/32 x 7/16 in.	2
82		O-Ring (upper tube seal), 2-3/8 x 2-5/8	8
83		O-Ring (lower tube seal), 1-7/8 x 2-1/8	2
84		Support Wheel / Lower Standpipe Gasket (2 Required)	8
85		Support Tube	73
86	6	Stop Nut, 1"- 8	5
87		Coupling Nut, 1/2-20 (4 required)	5
88		Coupling Stud, 1/2-20 x 2-9/16 in. (2 required)	7
89		Nozzle Section Bushing	23
90		Thrust Ring (Since 1970)	5

PART #	SEE NOTE	DESCRIPTION	PRICE EACH
92		Upper Standpipe Gasket (Lipped)	\$ 8
97		Valve Seat Insert (bronze) (Prior to Sept 2005)	225
99		Pipe Plug, 1/4 NPT	2
101	5	Weather Shield Nut	112
102		Spirol Pin, Hvy, 1/4 x 2-1/4 in.	5
113	11	Breakable Flange	43
116		O-Ring (pumper nozzle), 5-1/4 x 5-3/4	8
117	11	Pumper Nozzle Retainer	43
118		O-ring (Hose nozzle), 3-1/4 x 3-5/8	7
119	12	Hoze Nozzle Retainer	33
162		Weather Shield Nut Gasket	8
163	15	Nozzle, Pumper, Storz (With Cap and Gasket) 4"	488
		Nozzle, Pumper, Storz (With Cap and Gasket) 5"	532
164	15	Nozzle Cap, Pumper, Storz 4"	177
		Nozzle Cap, Pumper, Storz 5"	222
165	16	Cap Gasket, Pumper, Storz 4"	71
165	16	Cap Gasket, Pumper, Storz 5" 2006 thru current	84
165	16	Cap Gasket, Pumper, Storz 5" 2005 and older	84
173		Valve Seat Insert (After Sept 2005)	266
174		Valve Seat Insert Gasket	3
175		Pipe plug (After Sept 2005) (2 Required)	3
176		Stud, 5/8-11 x 5.650 in. 304SS	20
		Stud, 5/8-11 x 5.650 in. 316SS	35
179	17	Clevis Pin, 1/4 x 1-11/16 in. (includes ref #180)	4
180		Hairpin cotter pin, 1/4 in. (included with ref #179)	-

ALL PRICING IS PER EACH

SEE PACER HYDRANT  
PARTS DIAGRAMS ON  
PAGES 27 - 28.

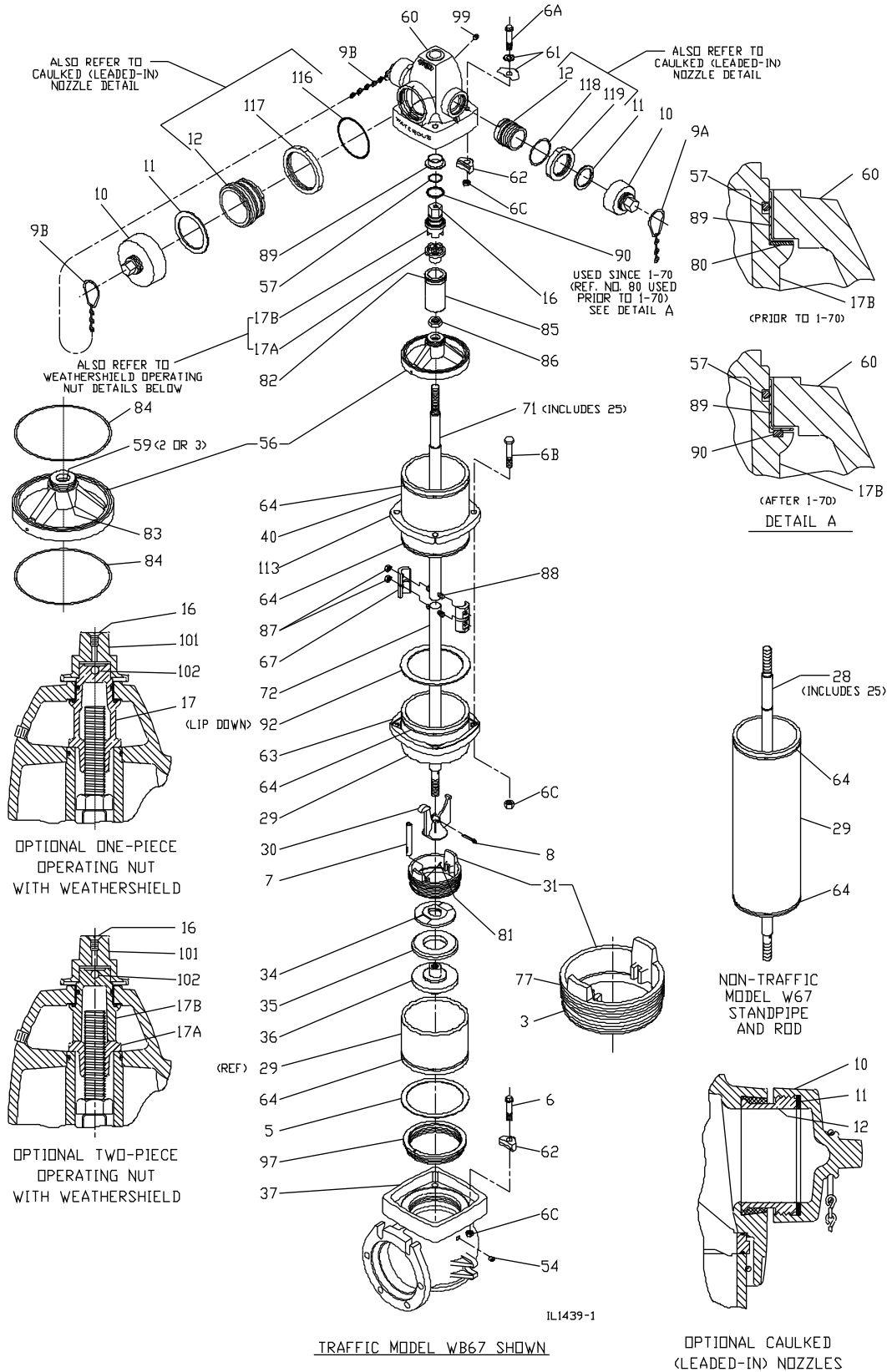
### NOTES—Please include the following information when ordering:

1. Thread specification; nut size; color.
2. Thread specification.
3. Caulked or mech attached; thread specification.
4. Direction of opening; nut size; color.
5. Nut size; color.
6. Direction of opening.
7. Direction of opening; bury depth.
8. Bury depth.
9. Upper standpipe length; color.
10. Direction of opening; upper standpipe length.
11. Color.
12. Thread specification; color.
13. One piece 4 lug conversion flange—replaces 4 lock ring clamps at \$67.
14. Replaced by clevis and hair pin.
15. Specify size and color if applicable; 4" or 5".
16. Specify size and year.  
5" for the year 2005 or prior use K1125-2  
5" for the year 2006 thru current use K1125-1  
4" for the year 2006 thru current use K1125
17. Includes ref # 180 hairpin cotter pin.
18. Specify Standard Pacer or Pacer Classic.
19. Pricing for Classic Pacer nozzle is POA.



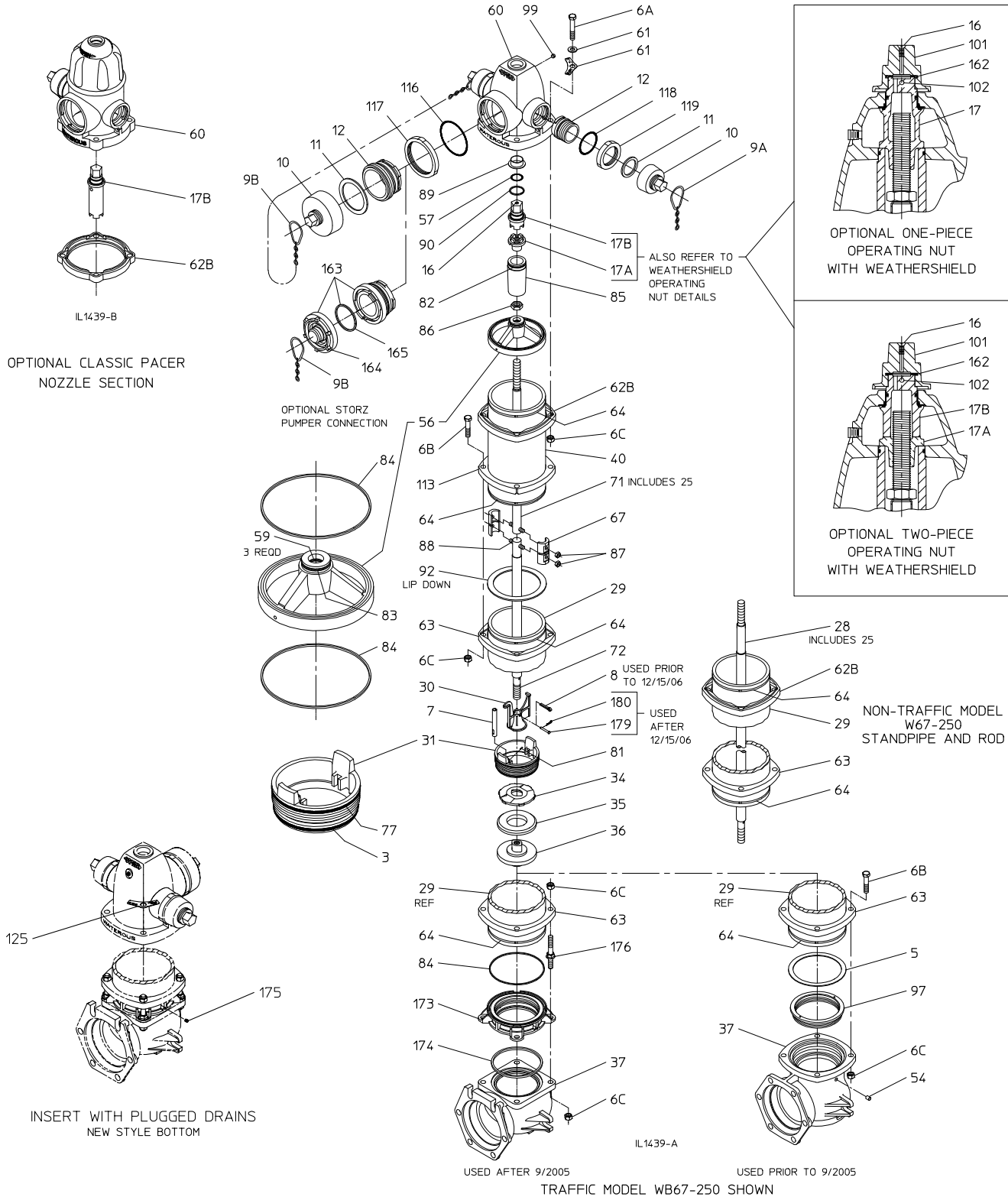
## Parts List-Gray Iron Pacer

### 150 PSI WORKING PRESSURE GRAY IRON PACER (MODELS W67 AND WB67)





## Parts List-Ductile Iron Pacer 250 PSI Working Pressure Ductile Iron Pacer Models W67-250 and WB67-250





## Pacer Hydrant Repair Kits

KIT NAME	DIAGRAM SEE PAGE	SEE NOTE	W67/W67-250 NON-TRAFFIC	WB67/WB67-250 TRAFFIC	PRICE
Breakable Coupling Assembly	31	–	–	K430	\$ 77
Rod Extension Assembly – 12" min.	–	2	K432	–	164
Rod Extension Assembly	–	1	–	K431	126
Standpipe Extension – 12" min.	–	1	K434	–	455
Standpipe Extension – 6" min.	–	1	–	K434-B	412
Add for each additional 6"	–	–	–	–	64
Top Section Gasket	30	–	K435	K435	20
Upper Valve Rod (with Coupling)	32	2	–	K436	181
Upper Valve Rod (without Coupling)	32	2	–	K712	129
Bottom Extension – 12"	31	1	K444	K444	1,258
Add for each additional 6"	–	–	–	–	45
Maintenance Kit in Plastic Case	–	5	K449-UP	K449-UP	609
Nozzle Section Assembly Conversion for W/WB67	30	9	K836	K836	1,172
Lower Valve Rod – 1-3/8"	32	4	–	K499X	245
Standpipe conversion 10" to 16"	–	12	–	K1112	452
Standpipe Assembly – 3' and Under – W67-250 (Old Style Bottom)	32	4	K864	–	555
Standpipe Assembly – 3' and Under – W67-250 (New Style Bottom)	32	4	K1089	–	555
Standpipe Assembly – 3' and Under – WB67-250 (Old Style Bottom)	32	4	–	K863	477
Standpipe Assembly – 3' and Under – WB67-250 (New Style Bottom)	32	4	–	K1088	477
Standpipe Assembly – 3' and Under – W67	32	4	K500	–	483
Standpipe Assembly – 3' and Under – WB67	32	4	–	K501	432
Add for each additional 6"	–	–	–	–	64
Valve Rod Assembly – 1-3/8"	32	6	K502X	–	306
Inside Assembly – 1-3/8"	31	7	K503/K503A	–	811
Inside Assembly – 1-3/8"	31	7	–	K504/K504A	932
Complete Top Assembly – 10"	30	8	–	K834	2,167
Add for each additional 6"	–	–	–	–	64
Valve Seat Assembly with Bronze Upper Washer and Epoxy Lower Washer	31	–	K537A	K537A	555
Nozzle Section Bushing Replacement Kit - All Years	–	10	K976	K976	32
Nozzle Section Bushing Replacement - Built Prior to 2000	–	10	52915	52915	14
Nozzle Section Bushing Replacement - Built After 2000	–	11	52836	52836	14
No Oil to Oil Reservoir Kit	–	–	K862	K862	195

**NOTES—Please include the following information when ordering:**

1. Extension Length.
2. Direction of Opening; Length.
3. Direction of Opening; Thread Specification; Nut Size; Color.
4. Bury Depth.
5. Use on all UL/FM or High Pressure Hydrants.
6. Direction of Opening; Bury Depth.
7. Direction of Opening; Bury Depth; Year of Manufacture.
8. Nozzle Configuration; Thread Specification; Nut Size; Bury Depth; Color.
9. Direction of Opening; Thread Specification; Nut Size; Bury Depth; Color.
10. K976 will work with all year Pacer models.
11. O-ring and back-up ring on bushing must be used.
12. Direction of Opening; Color.

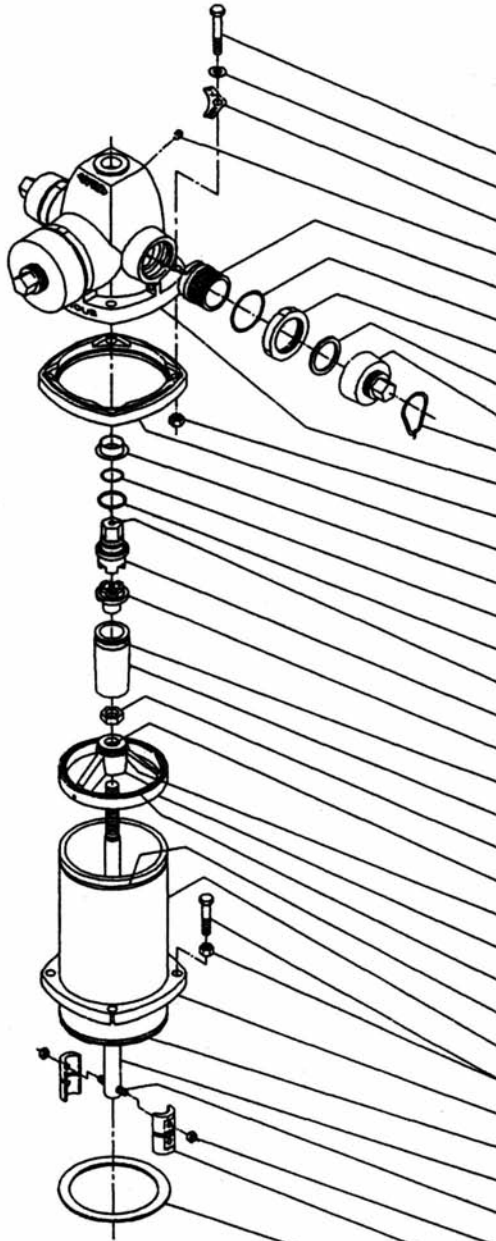
The lower operating rod should be replaced instead of using the existing rod with a rod extension, in cases where:

- the bury depth of the extended hydrant exceeds 9'6".
- the length of the required rod extension exceeds 4', or
- the hydrant rod has already been extended. Only one rod extension should be installed on a hydrant.

A bottom extension should be used if the bury-depth of the extended hydrant will exceed 11'6".



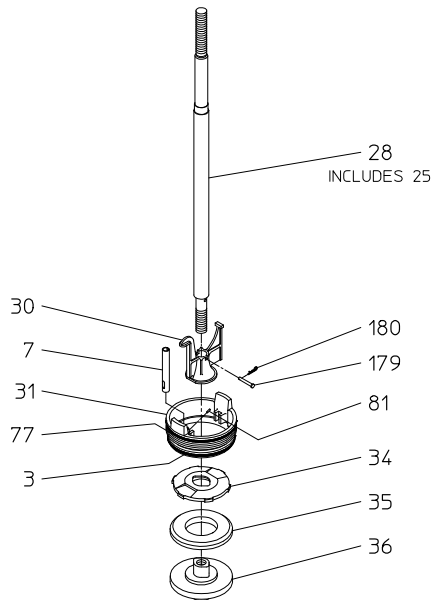
## Pacer Hydrant Repair Kits Diagrams



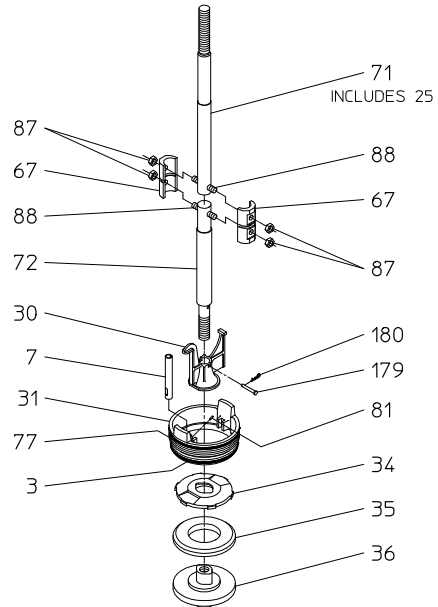
REF. NO.	COMPLETE TOP ASSY. KIT K834	NOZZLE SECTION CONVERSION KIT K836	TOP SECTION GASKET KIT K435
6A	X	X	
61	X	X	
61	X	X	
99	X	X	
12	X	X	
116/118	X	X	
117/119	X	X	
11	X	X	
10	X	X	
9A, 9B	X	X	
60	X	X	
6C	X	X	
62B	X	X	
89	X	X	
57	X		X
90	X		
16	X		
17B	X		
17A	X		
82	X		X
85	X		
86	X		
59	X		X
83	X		X
56	X		
84	X		X
64	X		
40	X		
6B, 6C	X		
113	X		
64	X		
71	X		
88	X		
87	X		
67	X		
92	X		



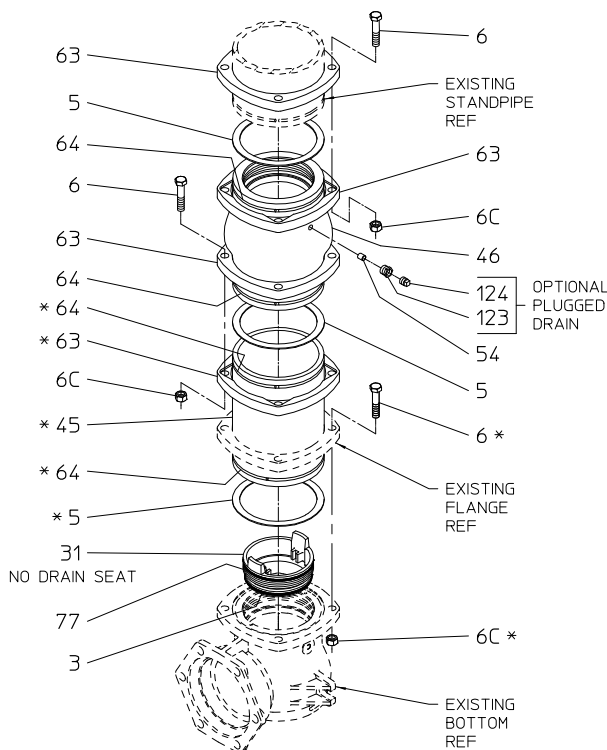
## Pacer Hydrant Repair Kits Diagrams



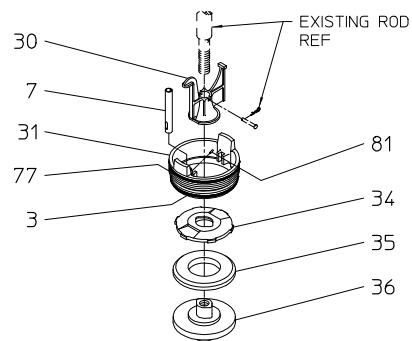
W67/W67-250 COMPLETE INSIDE ASSY KIT  
 W67 BUILT PRIOR TO 1971 - K 503  
 W67/W67-250 BUILT AFTER 1971 - K 503-A



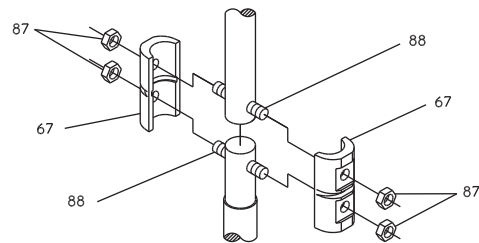
WB67/WB67-250 COMPLETE INSIDE ASSY KIT  
 WB67 BUILT PRIOR TO 1971 - K 504  
 WB67/WB67-250 BUILT AFTER 1971 - K 504-A



BOTTOM EXTENSION KIT K 444  
 \* THESE PARTS ARE NOT REQD ON -12 KITS



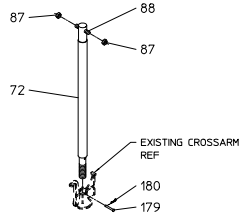
PILOTED UPPER WASHER VALVE SEAT ASSY  
 (ANTI-CHATTER) KIT K 537



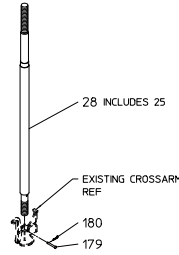
BREAKABLE COUPLING KIT K 430



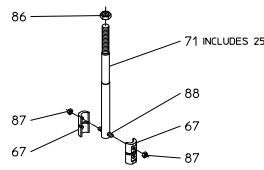
## Pacer Hydrant Repair Kits Diagrams



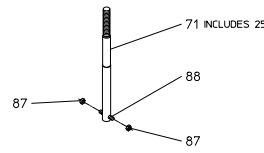
WB67/WB67-250 LOWER ROD KIT K 499



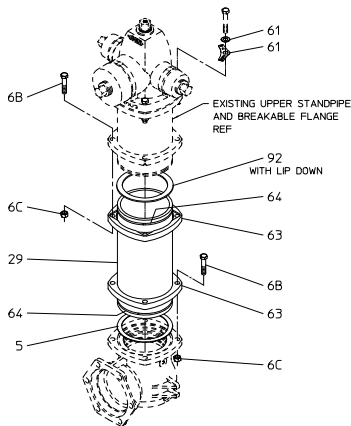
W67/W67-250 ROD ASSEMBLY KIT K 502



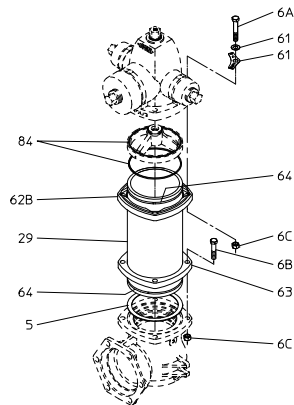
WB67/WB67-250 UPPER ROD KIT K 436  
WITH COUPLING



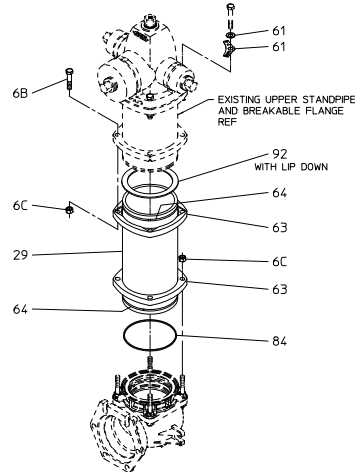
WB67/WB67-250 UPPER ROD KIT K 712  
WITHOUT COUPLING



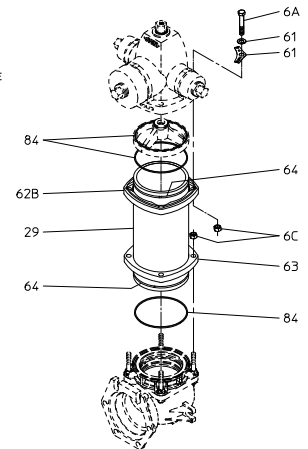
WB67-250 STANDPIPE KIT K 863  
OLD STYLE BOTTOM



W67-250 STANDPIPE KIT K 864  
OLD STYLE BOTTOM



WB67-250 STANDPIPE KIT K 1088  
NEW STYLE BOTTOM



W67-250 STANDPIPE KIT K 1089  
NEW STYLE BOTTOM





## Trend Hydrant Parts WT77D/WB77

PART #	SEE NOTE	DESCRIPTION	PRICE EACH
*1		Flat Head Screw (WT77D/WB77) .....	\$ 2
2	1	Weather Shield Nut .....	100
3		Groove Pin .....	12
4		O-Ring (3 required) .....	2
5		Thrust Bushing (2 required) .....	2
6	2	Operating Nut (WT77D/WB77) .....	255
*7	3	Nozzle Cap – Hose .....	77
	3	Nozzle Cap – Pumper .....	133
*8		Nozzle Cap Gasket – Hose .....	5
	4	Nozzle Cap Gasket – Pumper .....	7
*9	4	Nozzle – Hose .....	92
	4	Nozzle – Pumper .....	261
*10		Chain – Single .....	12
		Chain – Double .....	23
11	7	Top Section – Bare Casting (WB77 Only) .....	471
12	2	Upper Rod with Stud, Nuts, Pin and O-Rings (WB77) .....	184
	2	Upper Rod (WT77D) .....	184
	2	Upper Rod Conversion (WT77) .....	565
*13		Knurled Stud (2 required) .....	7
*14		Coupling Half (2 required) .....	23
		Coupling Half – Bronze .....	33
*15		Self Locking Nut (4 required) .....	5
16		Gasket .....	5
*17		Bolt & Nut .....	7
		Bolt & Nut – Stainless Steel .....	19
*18		Washer .....	2
*19	8	Bury Depth Plate with Washer .....	5
20	5	Flange (WT77D) .....	112
*21		Clamp (8 required) .....	8
22		Standpipe Ring (2 required) .....	13
*23		Lower Rod with Stud, Nuts, Pin .....	
	6	– Standard Rod .....	213
	6	** – Heavy Duty Rod .....	245
24	8	Standpipe – 3’0” and Under .....	360
		Add for each additional 6” .....	59
*25	11	Cotter Pin (See note 11 for pricing) .....	
26		Crossarm – Bronze .....	94
*27		Drain Plunger .....	25
*28		Groove Pin .....	2
29		Valve Seat with 2 #31 O-Rings .....	261
31		O-Ring (2 required) .....	5
32		Valve Rubber .....	39
33		Lower Washer .....	55
34		Upper Washer .....	19
		Upper Washer – Piloted .....	114
35		Bottom/Base .....	POA
*36		Drain Bushing (2 required) .....	5
37		OP Nut Housing (WT77D/WB77) .....	113
38		O-Ring (WT77D/WB77) .....	2
39		Groove Pin (WT77D/WB77) .....	5
*46		Bolt & Nut (4 required) (WB77) .....	7
49		Gasket – Lipped .....	8
53	5	Pumper Nozzle Retainer (WB77) .....	43

PART #	SEE NOTE	DESCRIPTION	PRICE EACH
*54	9	Hose Nozzle Retainer (WB77) .....	\$ 33
55		Pumper Nozzle O-Ring Seal (WB77) .....	8
*56		Hose Nozzle O-Ring Seal (WB77) .....	7
57	5	Upper Standpipe (WB77) .....	246
58	5	Breakable Flange (WB77) .....	43
59		Standpipe Flange (WB77) .....	108
179	10	Clevis Pin, 1/4 x 1-11/16 in. (includes ref # 180) .....	4
180		Hairpin cotter pin, 1/4 in. (included with ref #179) .....	–

\*These parts are interchangeable with Pacer and Trend WB77-1 hydrant parts.

\*\*Heavy Duty Rod required for over 9’.

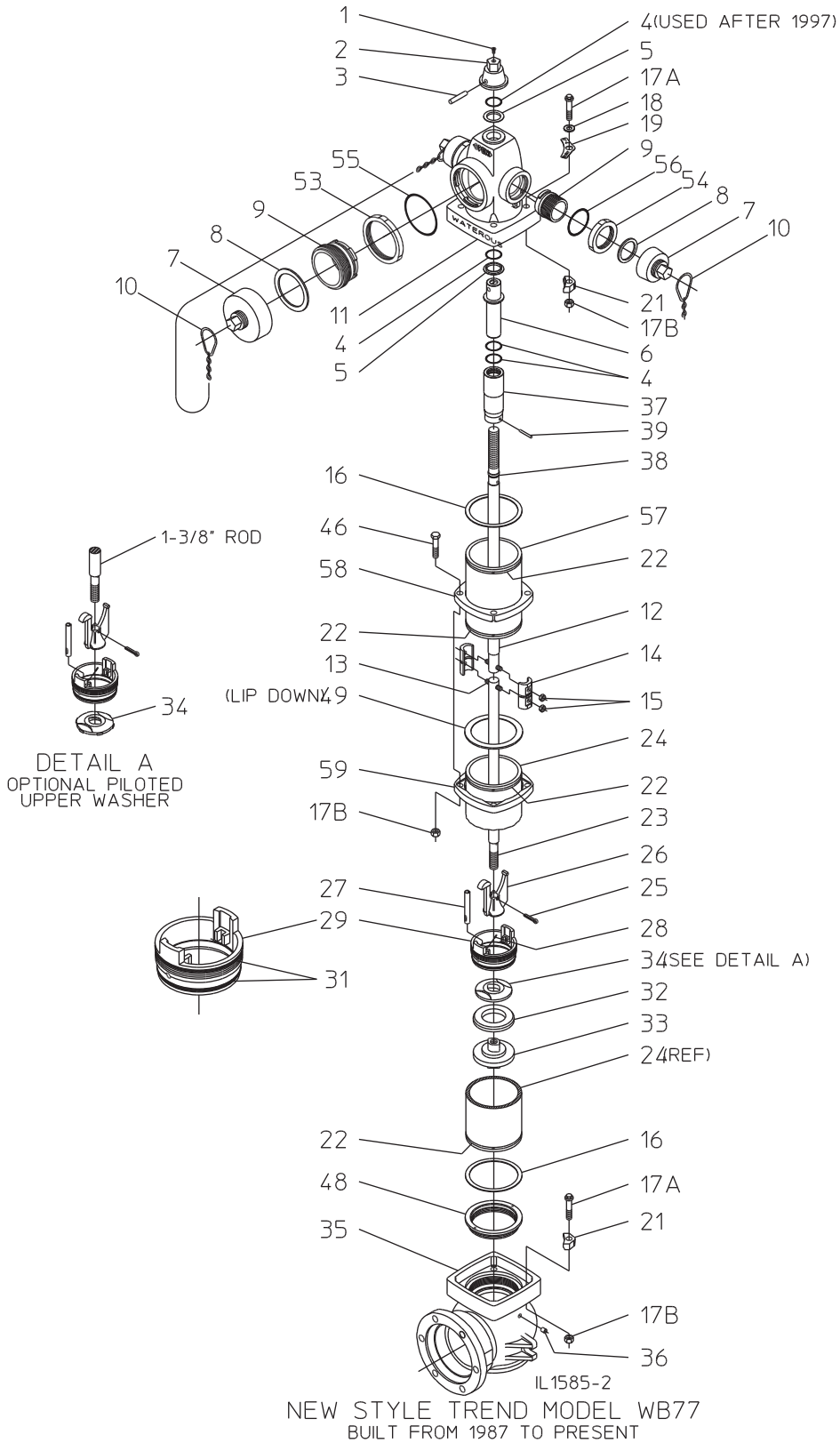
SEE TREND HYDRANT  
PARTS DIAGRAM ON  
PAGE 34.

**NOTES—Please include the following information when ordering:**

1. Nut Size; Color.
2. Direction of Opening.
3. Thread Specification; Nut Size; Color.
4. Thread Specification.
5. Color.
6. Bury Depth; Standard or Heavily Duty Rod.
7. Direction of Opening; Color; Nozzle Configuration.
8. Bury Depth.
9. Thread Specification; Color.
10. Includes Ref # 180 Hairpin.
11. Use Reference # 179 & 180.



## Trend Hydrant WT77D/WB77 Parts Diagram





## Trend Hydrant Parts WB77-1

PART #	SEE NOTE	DESCRIPTION	PRICE EACH
3	A	O-ring (Lower valve seat), 5-5/8 x 6-3/64	\$ 5
5	A	Lower Standpipe Gasket	7
6A	A	Hex hd bolt, 5/8-11 x 3-3/4 in.	5
6B	A	Hex hd bolt, 5/8-11 x 3 in.	5
	A	Hex nut, 5/8-11 (Above grade)	8
6C	A	Hex Nut, 5/8-11 (Above grade)	2
	A	Hex Nut, 5/8-11 (Below grade) 304SS	4
7	A	Drain Plunger	26
8	14	Cotter Pin, 1/4 x 1-1/2 in. See note	
9A	A	Nozzle Cap Chain - Single	12
9B	A	Nozzle Cap Chain - Double	23
10	1, A	Nozzle Cap w/Gasket - Hose	77
	1, A	Nozzle Cap w/Gasket - Pumper	133
11	A	Cap Gasket - Hose	5
	2, A	Cap Gasket - Pumper	7
12	3, A	Nozzle - Hose	92
	3, A	Nozzle - Pumper	261
16	A	Flat hd screw, 1/4-20 x 1/2 in.	2
17	4, A	Operating Nut (one-piece) with Weather Shield	255
	4, A	Operating Nut (one-piece) without Weather Shield	113
	5, A	Operating Nut (two-piece) with Weather Shield	255
	A	Upper Section of Two Piece Weather Shield Nut	52
17A	6, A	Lower operating nut	55
	A	Upper Section of Two Piece Weather Shield Nut	52
17B	5, A	Upper operating nut (Includes ref # 90)	73
	A	Upper Section of Two Piece Weather Shield Nut	52
29	8, A	Lower Standpipe (traffic model) 3'-0" and Under	342
	8	Standpipe (non-traffic model) 3'-0" and Under	418
		Add for each additional 6"	77
30	B	Crossarm - Bronze	94
31		Valve seat (Includes o-ring ref #3 & #77)	452
34	B	Upper Washer	19
		Upper Washer - Piloted	114
35	B	Main Valve Urethane	39
36	B	Lower Valve Washer	55
37	B	Hydrant Bottom/Base	POA
40	9	Upper Standpipe (10" traffic section)	261
	9	Add for each additional 6"	77
56	A	Support wheel (Includes ref # 59)	149
57	A	O-ring (Operating nut), 1-1/2 x 1-3/4	2
59	A	O-ring (Support wheel), 1-1/8 x 1-3/8 (3 required)	2
60	6, 11	Nozzle section	448
61	8, A	Bury depth plate w/Washer	5
62	13, A	Lock Ring Clamp	8
62B	11, A	Upper standpipe flange	49
63	A	Standpipe flange	77
64	A	Flange lock ring	13
67	A	Coupling Sleeve (two-halves required)	23
67	A	Coupling Sleeve (two-halves required) Bronze	36
71	10, A	Upper rod assembly (Includes stud & lock nuts)	129
72	8, A	Lower rod (Includes stud and lock nuts)	245
77	A	O-ring (Upper valve seat), 5-7/8 x 6-1/4	8
81	A	Groove pin, 3/32 x 7/16 in.	2
82	A	O-ring (Upper tube seal), 2-3/8 x 2-5/8	8
83	A	O-ring (Lower tube seal), 1-7/8 x 2-1/8	2
84	A	Support wheel / Lower standpipe gasket (2 required)	8
85	A	Support tube	73
86	6, A	Stop nut, 1" - 8	5
87	A	Coupling nut, 1/2-20 (4 required)	5
88	A	Coupling stud, 1/2-20 x 2-9/16 in. (2 required)	7
89	A	Nozzle section bushing	23
90	A	Thrust ring	5
92	A	Upper standpipe gasket (Lipped)	8
99	A	Pipe plug, 1/4 NPT	2

PART #	SEE NOTE	DESCRIPTION	PRICE EACH
101	5, A	Weathershield nut	112
102	A	Spirol pin, hvy, 1/4 x 2-1/4 in.	5
113	11, A	Breakable flange	43
116	A	O-ring (Pumper nozzle), 5-1/4 x 5-3/4	8
117	11, A	Pumper nozzle retainer	43
118	A	O-ring (Hose nozzle), 3-1/4 x 3-5/8	\$ 7
119	12, A	Hoze nozzle retainer	33
162	A	Weathershield nut gasket	8
163	15, A	Nozzle, Pumper, Storz (With Cap and Gasket) 4"	488
163	A	Nozzle, Pumper, Storz (With Cap and Gasket) 5"	532
164	15, A	Nozzle Cap, Pumper, Storz 4"	177
164	A	Nozzle Cap, Pumper, Storz 5"	222
165	16, A	Cap gasket, pumper, Storz	71
165	16, A	Cap Gasket, Pumper, Storz 5" 2006 thru current	84
165	16, A	Cap Gasket, Pumper, Storz 5" 2005 and older	84
173	A	Valve seat insert	266
174	A	Valve seat insert gasket	3
176	A	Stud, 5/8-11 x 5.650 in. 304SS	20
176	A	Stud, 5/8-11 x 5.650 in. 316SS	\$5
179	17, A	Clevis pin, 1/4 x 1-11/16 in. (includes ref #180)	4
180	A	Hairpin cotter pin, 1/4 in. (included with ref #179)	-

ALL PRICING IS PER EACH

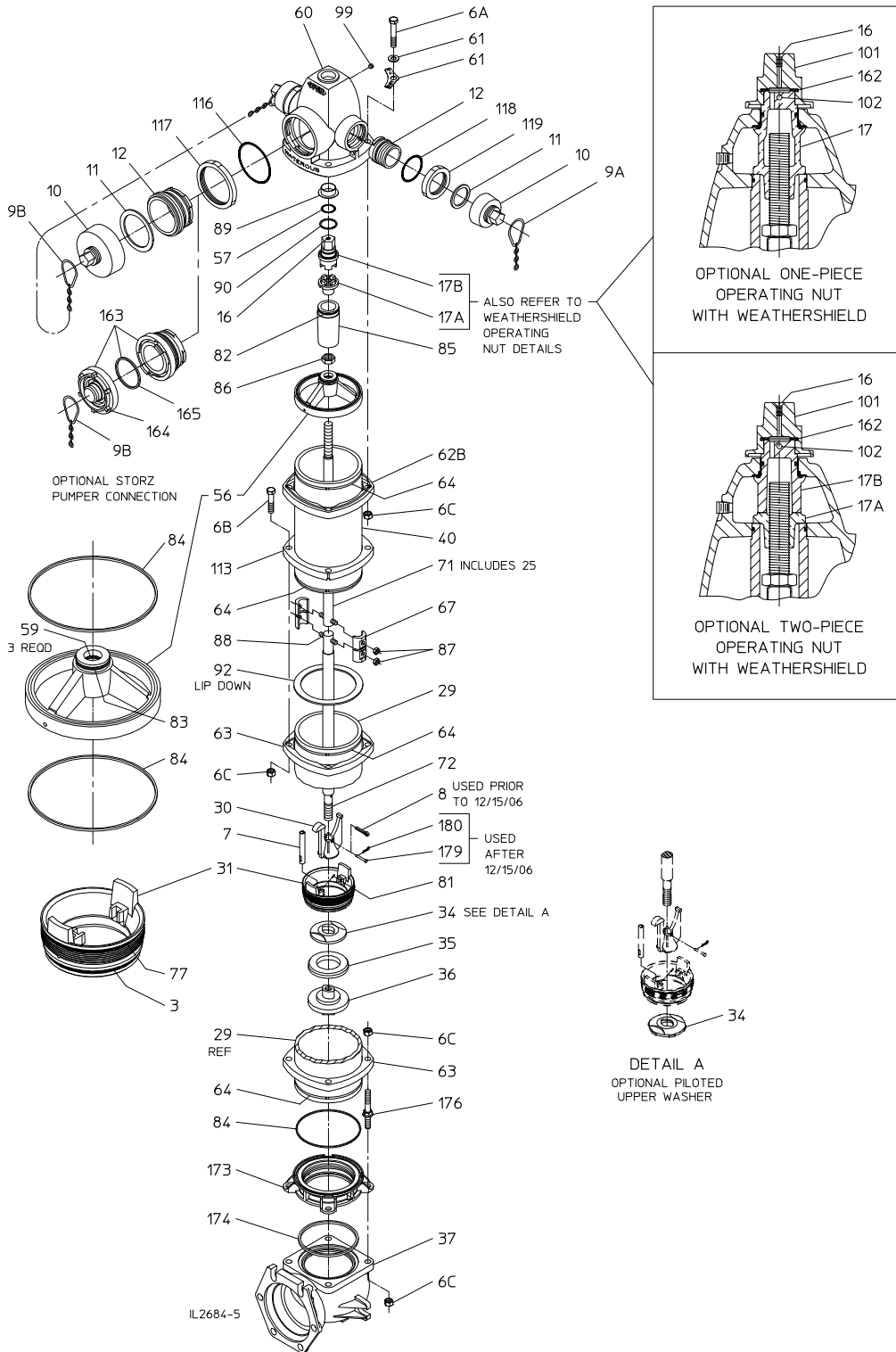
SEE TREND HYDRANT  
PARTS DIAGRAM ON  
PAGE 36.

### NOTES—Please include the following information when ordering:

1. Thread specification; nut size; color.
2. Thread specification.
3. Caulked or mech attached thread.
4. Direction of opening; nut size; color.
5. Nut size; color.
6. Direction of opening.
7. Direction of opening; bury depth.
8. Bury depth.
9. Upper standpipe length; color.
10. Direction of opening; upper standpipe length.
11. Color.
12. Thread specification; color.
13. One piece 4 lug conversion flange—replaces 4 lock ring clamps at \$50.
14. Replaced by clevis and hair pin (use ref 179 & 180).
15. Specify size and color if applicable; 4" or 5".
16. Specify size and year.  
5" for the year 2005 or prior use K1125-2.  
5" for the year 2006 thru current use K1125-1.  
4" for the year 2006 thru current use K1125.
17. Includes ref # 180 hairpin cotter pin .  
A. These parts are interchangeable with Pacer WB67-250.  
B. These parts are interchangeable with Trend WB77.



## Trend Hydrant WB77-1 Parts Diagram



TREND MODEL WB77-1  
BUILT FROM 2006 TO PRESENT



## Trend Hydrant Repair Kits

KIT NAME	DIAGRAM SEE PAGE	SEE NOTE	WT77D DRY TOP	WB77	WB77-1	PRICE
Breakable Coupling Assembly	39	–	*K430	*K430	*K430	\$ 77
Rod Extension Assembly	–	1	*K431	*K431	*K431	126
Upper Valve Rod (with Coupling)	41	7	–	–	*K436	181
Upper Valve Rod (without Coupling)	39	4	K713	K713	–	194
Upper Valve Rod (without Coupling)	41	4	–	–	*K712	129
Lower Valve Rod – Standard Rod	39	3	*K499	*K499	*K499	225
Lower Valve Rod – Heavy Duty Rod	41	3	*K499-X	*K499-X	*K499-X	245
Standpipe Assembly – 3' and Under – WB67-250 (New Style Bottom)	41	6	–	–	K1088	477
Complete Inside Assembly WB77-1	40	–	–	–	K1120-X	932
Bottom Extension – 12"	40	1	–	–	K444	1,258
Add for each additional 6"	–	–	–	–	–	45
Maintenance in Plastic Case	–	–	K481-P	K481-P	–	489
Maintenance in Plastic Case WB77-1 Only	–	–	–	–	K1118-UP	609
Top Assembly (DDP)	39	2	–	K761	–	1,627
Top Assembly (DDP) WB77-1 Only	38	–	–	–	K1119-1L or -1R	776
Top Assembly (DD)	–	2	–	K772	–	1,362
Top Assembly (DD) WB77-1 Only	38	–	–	–	K1119-2L or -2R	1,020
Nozzle Section Assembly (DDP)	39	2	–	K762	–	1,253
Nozzle Section Assembly (DDP) WB77-1 Only	38	–	–	–	K1121-1L or -1R	532
Nozzle Section Assembly (DD)	–	2	–	K773	–	988
Nozzle Section Assembly (DD) WB77-1 Only	38	–	–	–	K1121-2L or -2R	789

\*These kits are also used for a Pacer hydrant.

SEE TREND HYDRANT  
REPAIR KITS DIAGRAM  
ON PAGE 38 - 41.

**NOTES—Please include the following information when ordering:**

1. Extension Length.
2. Direction of Opening; Thread Specifications; Nut Size; Color.
3. Bury Depth; Standard or Heavy Duty Rod.
4. Direction of Opening.
5. Direction of Opening; Bury Depth; Year of Manufacture.
6. Bury Depth.
7. Direction of Opening; Length.

For WB77 and WT77D Trends, the existing 1¼' diameter lower operating rod should be replaced with the current standard 1¾' diameter operating rod, instead of using the existing rod with a rod extension, if the extended bury-depth exceeds 9'.

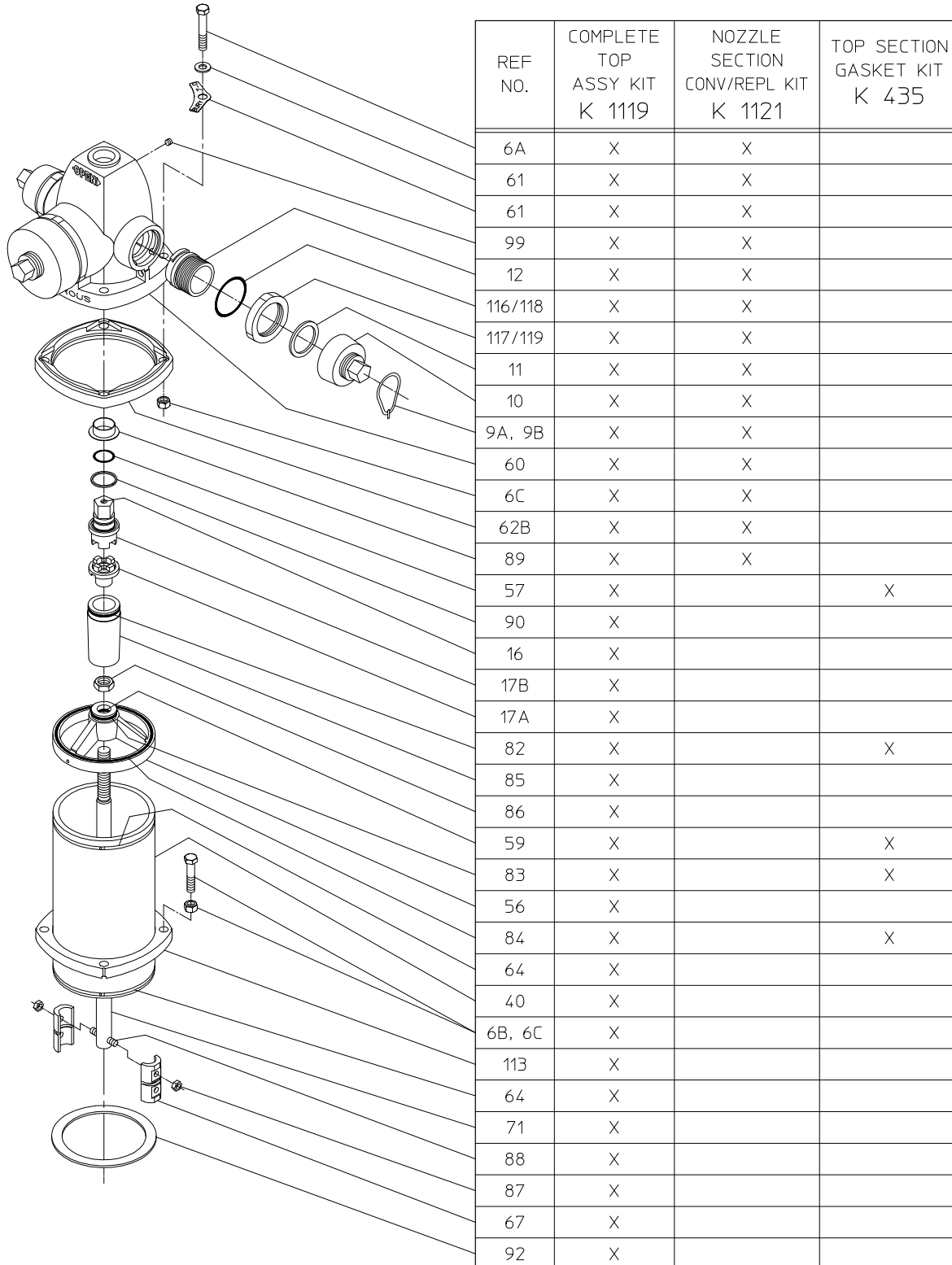
For WB77-1, WB77, and WT77D Trends, the lower operating rod should be replaced instead of using the existing rod with a rod extension, in cases where:

- the bury depth of the extended hydrant exceeds 9'6".
- the length of the required rod extension exceeds 4', or
- the hydrant rod has already been extended. Only one rod extension should be installed on a hydrant.

A bottom extension should be used if the bury-depth of the extended hydrant will exceed 11'6".



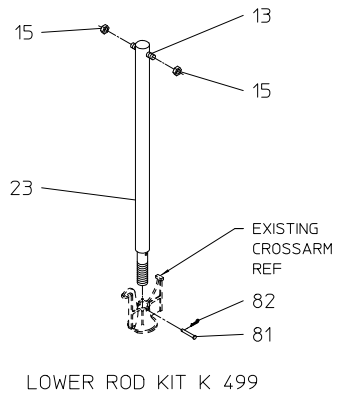
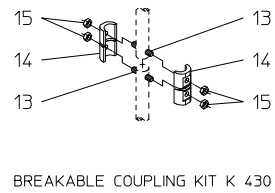
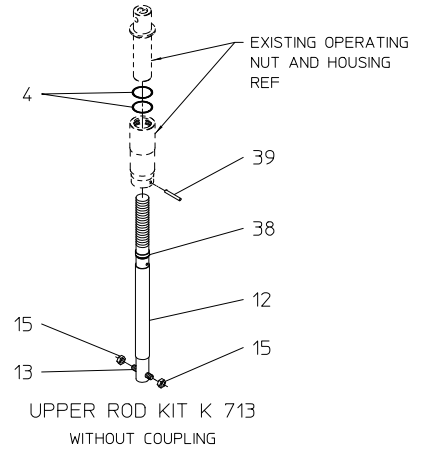
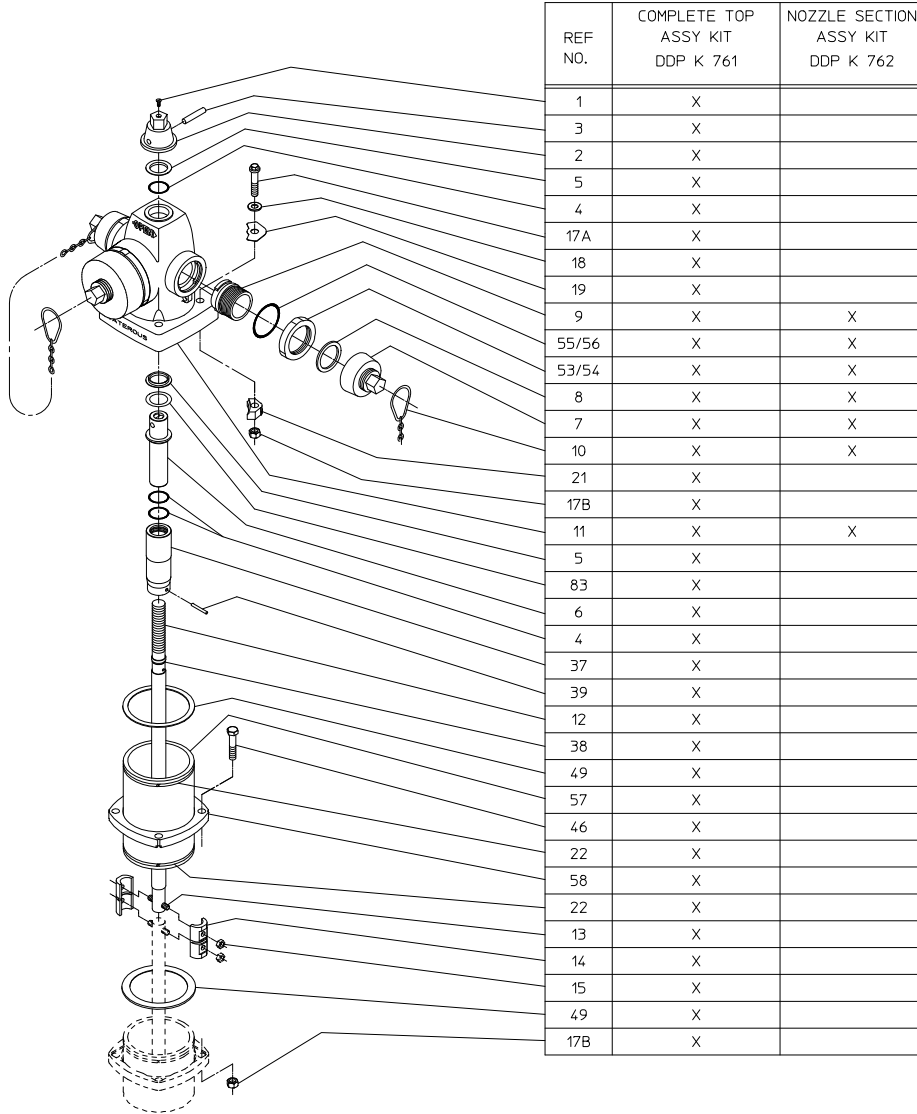
## Trend WB77-1 Hydrant Parts Diagram





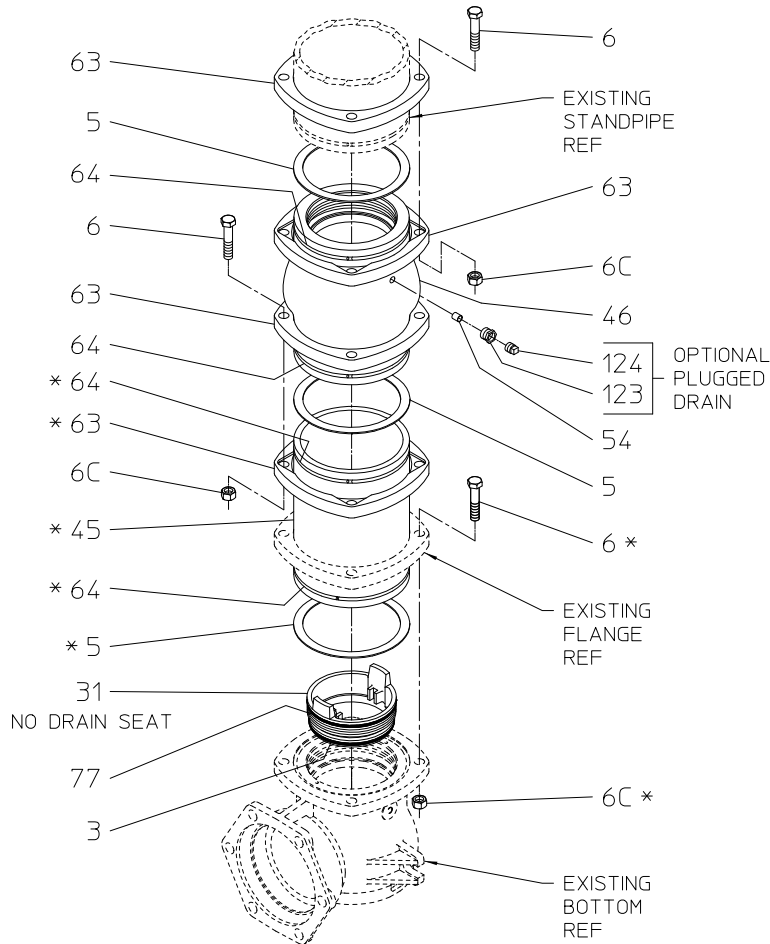
## Trend WB77 Hydrant Repair Kits Diagram

MODEL WB77



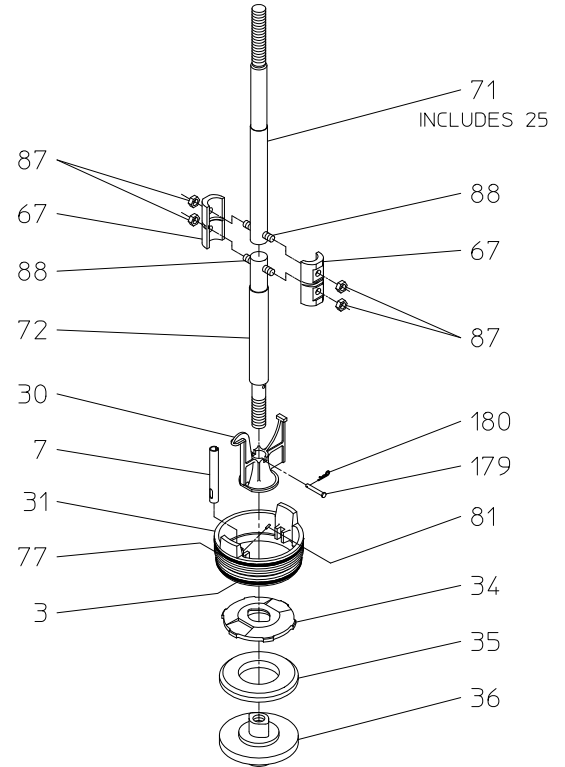


## Trend WB77-1 Hydrant Repair Kits Diagram



BOTTOM EXTENSION KIT K 444

\* THESE PARTS ARE NOT REQD ON -12 KITS

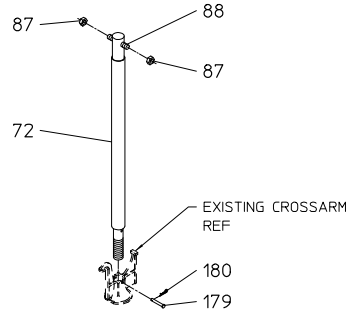


WB77-1 COMPLETE INSIDE ASSY KIT K 1120

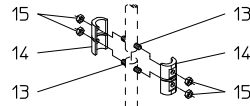




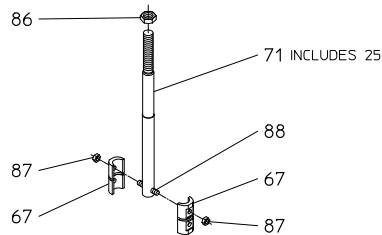
## Trend WB77-1 Hydrant Repair Kits Diagram



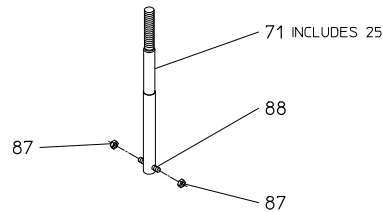
WB77-1 LOWER ROD KIT K 499



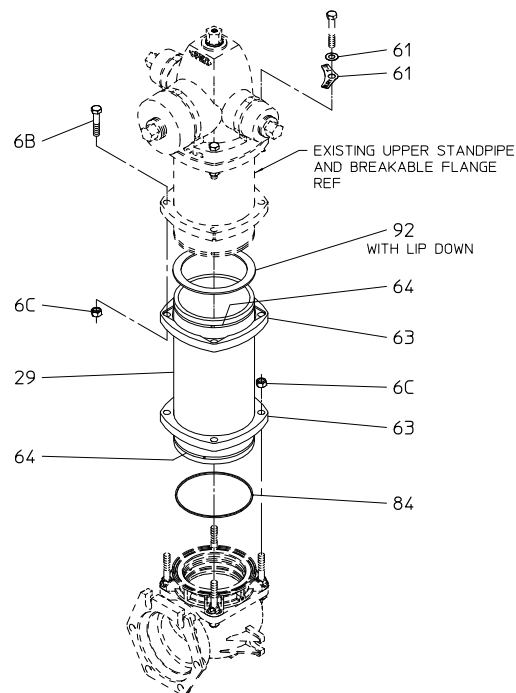
BREAKABLE COUPLING KIT K 430



WB77-1 UPPER ROD KIT K 436  
WITH COUPLING



WB77-1 UPPER ROD KIT K 712  
WITHOUT COUPLING



WB77-1 STANDPIPE KIT K 1088  
NEW STYLE BOTTOM



## Hydrant Parts W59/WB59

REF #	SEE NOTE	DESCRIPTION	5" VO PRICE
1		Lower Valve Rod Nut (2 required) . . . . .	\$ 19
3		Valve Seat Lower O-Ring . . . . .	5
5		Standpipe Gasket . . . . .	8
6		Hex Head Bolt 5/8-11 x 2 1/2" . . . . .	5
6A		Hex Head Bolt 5/8-11 x 2 3/4" . . . . .	5
6B		Hex Head Bolt 5/8-11 x 3" . . . . .	5
6C		Hex Head Nut 5/8-11 . . . . .	2
7		Drain Plunger with Bail . . . . .	43
8		Cross Arm Pin . . . . .	5
9		Single Chain . . . . .	32
		Double Chain . . . . .	27
		Triple Chain . . . . .	43
10	1	Nozzle Cap with Gasket . . . . .	77
	1	Pumper Cap with Gasket . . . . .	133
11		Hose Cap Gasket . . . . .	5
	2	Pumper Cap Gasket . . . . .	7
12	2	Hose Nozzle . . . . .	92
	2	Pumper Nozzle . . . . .	261
16		OP Nut Oil Hole Screw . . . . .	2
17	9	OP Nut with Screw – W59/WB59 . . . . .	255
21		Bonnet Bolt & Nut (4 required) . . . . .	5
28	5	Valve Rod Assembly with Bushing . . . . .	351
29	6	Standpipe, Non-Traffic, 2'6" & Under . . . . .	524
		Add for each additional 6" . . . . .	68
	6	Standpipe, Traffic, 2'6" & Under . . . . .	471
		Add for each additional 6" . . . . .	68
30		Iron Crossarm . . . . .	23
		Bronze Crossarm . . . . .	101
31		Valve Seat (Includes ref #3 & #77) . . . . .	492
		Valve Seat with Lower O-Ring Since 9/1/71 . . . . .	492
33		Valve Rod Gasket . . . . .	2
34		Upper Valve Washer . . . . .	29
35		Main Valve – Rubber . . . . .	36
		Main Valve – Leather . . . . .	112
36		Lower Valve Washer . . . . .	66
40	7	Upper Standpipe (WB59, 10") . . . . .	261
		Add for each additional 6" . . . . .	68
54		Drain Bushing, W/WB59 . . . . .	5
55	10	Bonnet, W/WB59 . . . . .	251
56		Support, W/WB59 . . . . .	81
57		O-Ring, W/WB59 . . . . .	2
58		Support Gasket, W/WB59 . . . . .	2
59		O-Ring Packing, W/WB59 (2 required) . . . . .	2
61	6	Cover Depth Plate with Washer . . . . .	5
62	8	Upper Standpipe Flange . . . . .	108
63	8	Lower Standpipe Flange – 8 Bolt . . . . .	108
		Groundline Flange – 4 Bolt . . . . .	77
64		Upper and Lower Flange Lock Ring . . . . .	13
65		Lower Coupling Sleeve, WB59 to 1968 . . . . .	105
66		Groove Pin, WB59 . . . . .	8
67		Upper Coupling Sleeve, WB59 (to 1968-5" ) . . . . .	94
		Breakable Sleeve (2 req'd), WB59 – Iron . . . . .	23
		(5" since 1968) – Bronze . . . . .	36
68		Breakable Sleeve, WB59 (to 1968-5") . . . . .	77

REF #	SEE NOTE	DESCRIPTION	5" VO PRICE
69		Coupling Pin (5" to 1968) . . . . .	\$ 13
70		Sleeve Set Screw, WB59 to 1968 . . . . .	2
71	8	Upper Break-Off Rod w/Bushing – WB59 to 1968 . . . . .	213
	8	– WB59 since 1968 . . . . .	140
72	6	Lower Rod Assembly, WB59 to 1968 . . . . .	420
	6	Lower Rod Assembly, WB59 since 1968 . . . . .	267
76		Set Screw . . . . .	2
77		Upper O-Ring for Valve Seat . . . . .	8
80		Thrust Washer . . . . .	2
87		Coupling Nut, WB59 (4 req'd) (5" since 1968) . . . . .	5
88		Coupling Stud, WB59 (2 req'd) (5" since 1968) . . . . .	7
113	10	Breakable Flange (5" use only with #63 61724) . . . . .	43

**NOTE: Parts are no longer available for 4" and 6" VO hydrants.**

**ALL PRICING IS PER EACH**

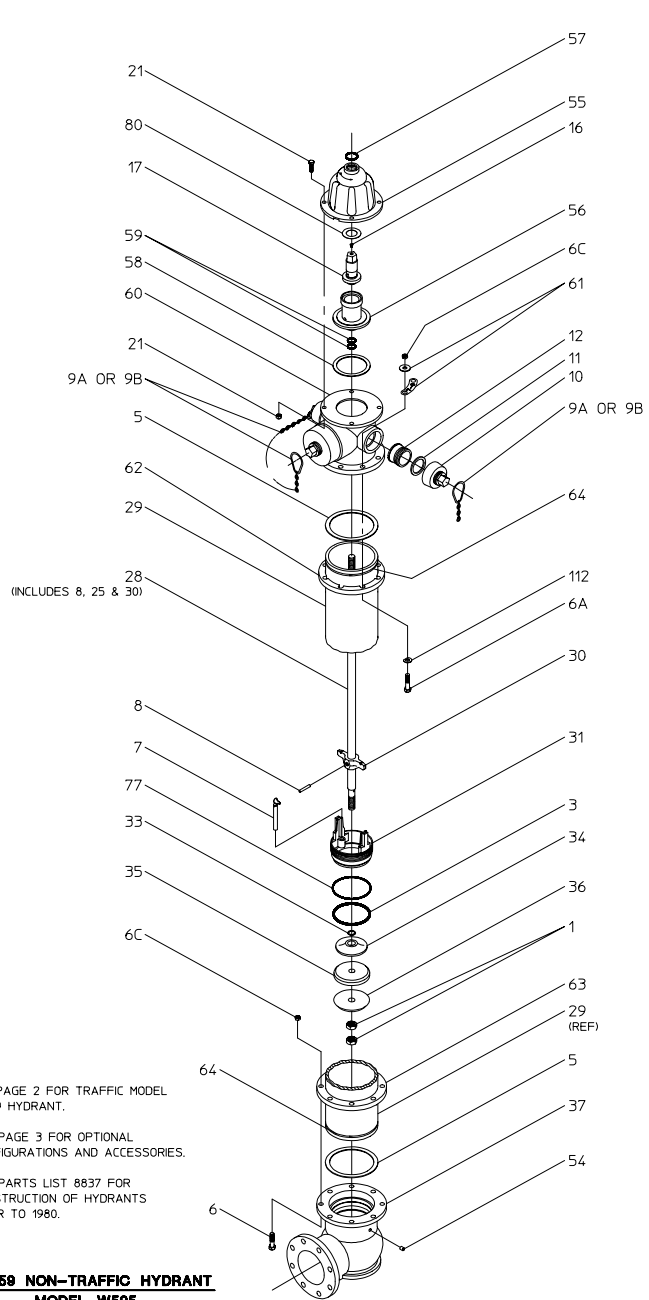
**SEE HYDRANT PARTS  
DIAGRAM W59/WB59  
ON PAGE 43.**

**NOTES—Please include the following information when ordering:**

1. Thread specification; Nut Size; Color.
2. Thread Specification.
3. Direction of Opening.
4. Direction of Opening; Color.
5. Direction of Opening; Cover Depth.
6. Cover Depth.
7. Length of Traffic Section.
8. Direction of Opening; Length of Traffic Section.
9. Direction of Opening; Nut Size.
10. Color.



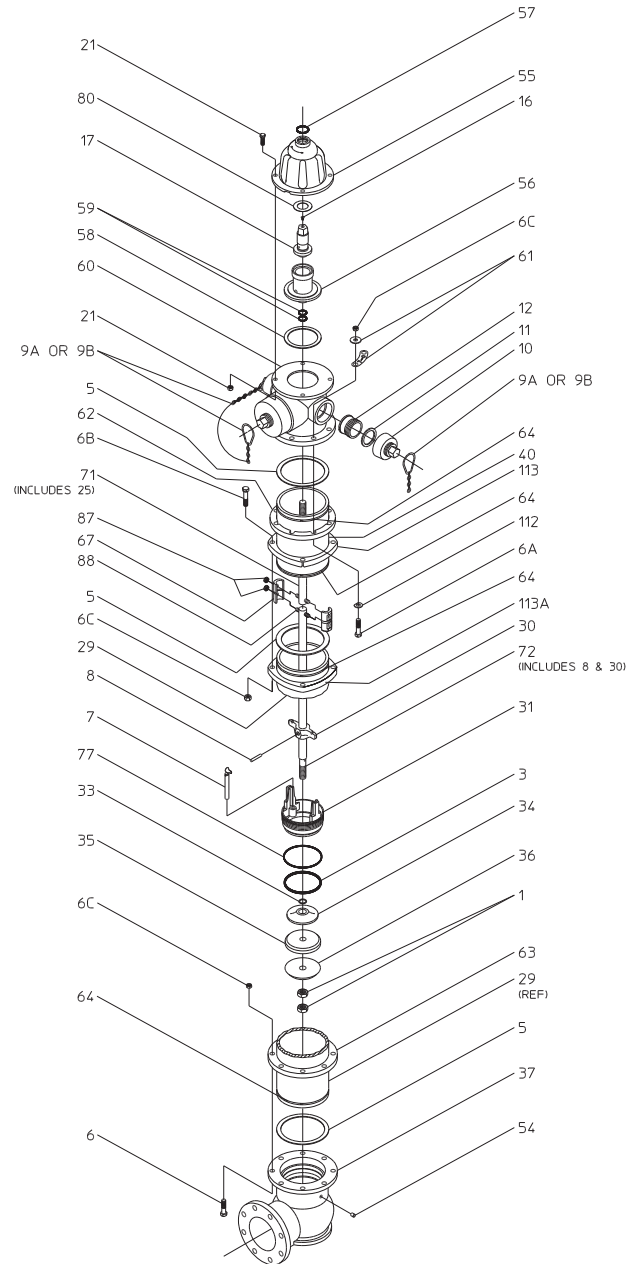
## Hydrant Parts Diagram W59/WB59



**NOTES:**

1. SEE PAGE 2 FOR TRAFFIC MODEL WB59 HYDRANT.
2. SEE PAGE 3 FOR OPTIONAL CONFIGURATIONS AND ACCESSORIES.
3. SEE PARTS LIST 8837 FOR CONSTRUCTION OF HYDRANTS PRIOR TO 1980.

**5" W59 NON-TRAFFIC HYDRANT  
MODEL W595**  
BUILT FROM 1980 TO PRESENT



**5" WB59 TRAFFIC HYDRANT  
MODEL WB595**  
BUILT FROM 1980 TO 1997



## Hydrant Repair Kits W59/WB59

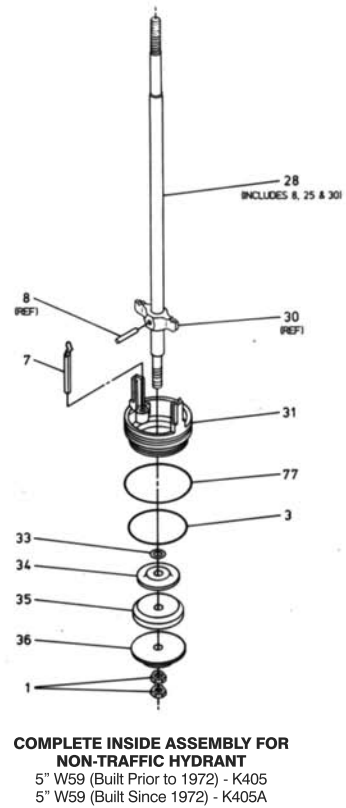
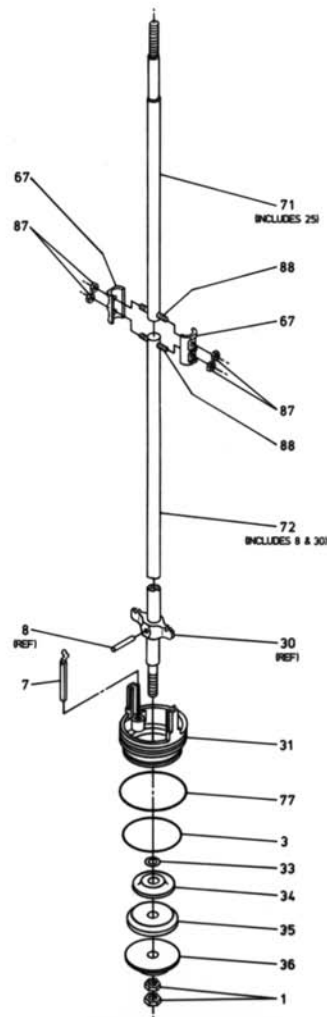
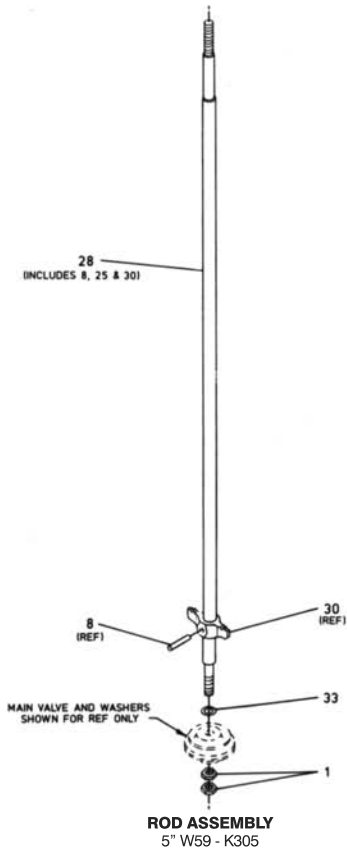
KIT NAME	DIAGRAM SEE PAGE	SEE NOTE	5"	PRICE
<b>NON-TRAFFIC</b>				
Valve Rod Assembly .....	44	1	K305	\$351
Rod Extension Assembly (12" min.) .....	45	2	K355	250
Standpipe Extension (12" min.) (Since 1955) .....		4	K352	476
Add for each additional 6" .....				57
Standpipe Extension (12" min.) (Prior to 1955) .....		4	K352-A	476
Add for each additional 6" .....				57
Complete Inside Assembly .....	44	1	K405	959
Since 1971 .....	44	1	K405A	959
Support Gasket Kit .....			K747	8
<b>TRAFFIC</b>				
Valve Rod Assembly (Prior to 1968) .....		2	K312	420
Valve Rod Assembly (After 1968) .....		2	K428	267
Rod Extension Assembly – 6" .....				
– Prior to 1968 for 5" VO (Old Style Coupling) .....	45	3	K356	500
– Since 1968 for 5" VO (New Style Coupling) .....	45	3	K431	126
Standpipe Extension – 6" – Since 1955 .....		4	K352B	512
Add for each additional 6" .....				57
Standpipe Extension (6" min.) (Prior to 1955) .....		4	K352-A	476
Add for each additional 6" .....				57
Breakable Coupling – Prior to 1968 .....			K339	319
– Since 1968 .....	45		K430	77
Complete Inside Assembly .....	44	1	K427	1,182
Since 1971 .....	44	1	K427A	1,182
Breakoff Section Replacement – Prior to 1968 .....	45	4	K527	299
– From 1968 to 1980 .....	45	4	K526	258
– Since 1980 .....	45	4	K529	274
Add for each additional 6" .....				57
Support Gasket Kit .....			K747	8

**NOTES—Please include the following information when ordering:**

1. Direction of Opening; Cover Depth.
2. Direction of Opening; Length.
3. Length.
4. Traffic Section Length; Color.

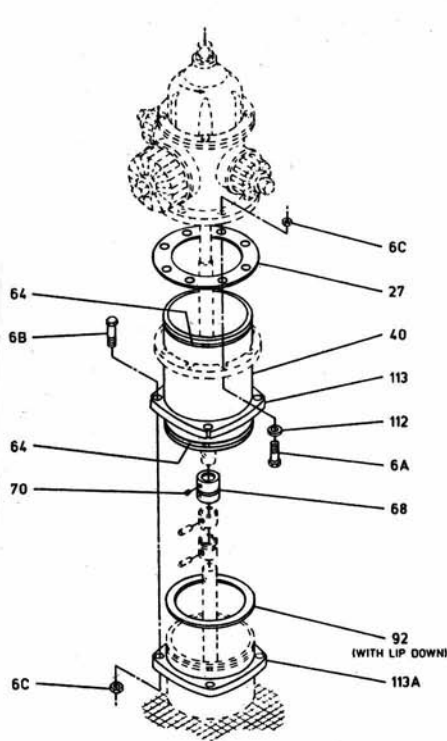


## W-59/WB-59 Diagrams

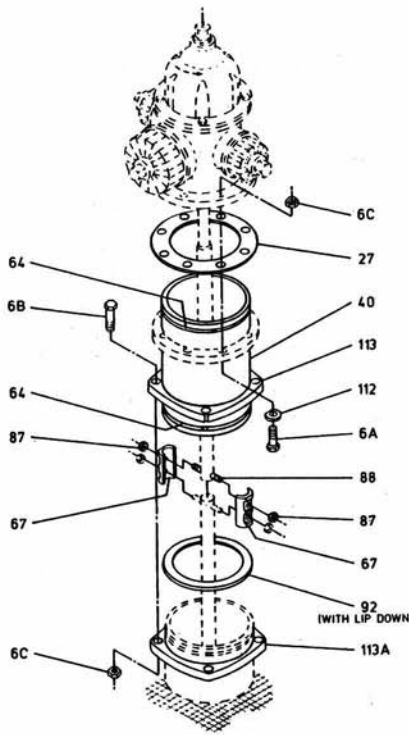




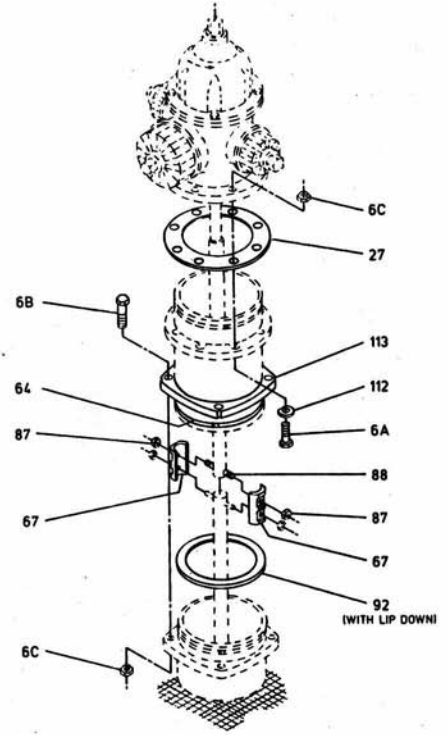
## W-59/WB-59 Diagrams



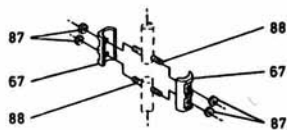
**KIT 527**  
5" WB59 WITH OLD STYLE COUPLING  
(FOR HYDRANTS BUILT PRIOR TO 1968)



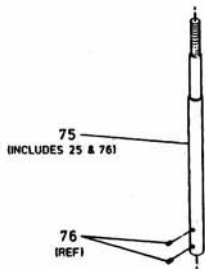
**KIT 526**  
5" WB59 WITH NEW STYLE COUPLING  
(FOR HYDRANTS BUILT FROM 1968 TO 1980)



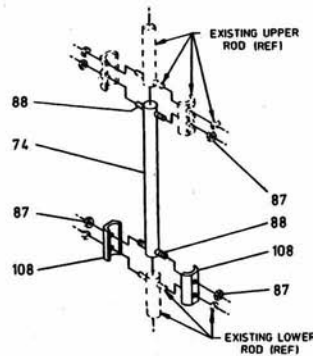
**KIT 529**  
5" WB59 WITH NEW STYLE COUPLING  
(FOR HYDRANTS BUILT SINCE 1968)



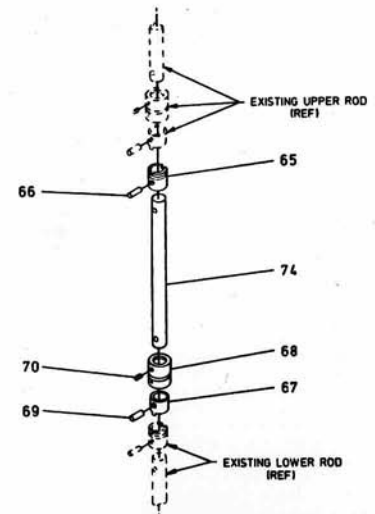
**KIT 430**  
NEW STYLE BREAKABLE COUPLING



**ROD EXTENSION**  
5" W59 - K355



**ROD EXTENSION WITH NEW COUPLING**  
4" WB59 - K431  
5" WB59 - K431



**ROD EXTENSION WITH OLD COUPLING**  
5" WB59 - K356



## AFC Hydrant Parts - Miscellaneous

SEE NOTE	DESCRIPTION	PRICE
	Valve Rod Bushing . . . . .	\$12
	Bronze Sleeve Coupling . . . . .	77
	Bushing and Plug . . . . .	12
	Cartons for Traffic Repair Kits & Extension Kits . . . . .	12
	S-Hook (for hydrant chain) . . . . .	2
3	Handwheel for 1½" Pentagon Nut (# 5) . . . . .	169
	Hydrant Grease – 1 pound . . . . .	23
	Hydrant Grease – 5 pound . . . . .	110
	Non-Breakable Coupling – Pacer & Trend (2 required) . . . . .	29
7	Non-Breakable Coupling – W/WB59 . . . . .	94
	“No Drain” Plate . . . . .	7
	Hydrant Lubricating Oil – 1 pint . . . . .	12
	Hydrant Lubricating Oil – 1 gallon . . . . .	94
	Hydrant Lubricating Oil 4 oz. – Pacer . . . . .	8
	Hydrant Lubricating Oil – 1/2 oz. – Trend . . . . .	7
	Pear-Shaped Rings (Chains) . . . . .	8
	Plastic Box for Maintenance Kit . . . . .	59
	Foam Insert . . . . .	39
	Safety Sleeve Stem Coupling . . . . .	138
	Standpipe Adapter – Modernization . . . . .	652
4	Vandalproof Shield . . . . .	45
5	Vented Hose Cap . . . . .	108
	Vented Cap Gasket – 2½" . . . . .	2
5	Captivater Hose Cap . . . . .	199
5	Captivater Pumper Cap . . . . .	383
	4" Storz Nozzle . . . . .	366
	5" Storz Nozzle . . . . .	400
	Modernization Kit (Pacer Only) – Traffic . . . . .	2,691
	For W22/W31/W59 – Non Traffic . . . . .	2,229
	2½" Threaded Outside Independent Cut-Off Valve w/Cap & Chain . . . . .	758
4	4 Lug Conversion Flange . . . . .	67
	Anti-rotation Clip . . . . .	7
	Oil reservoir plate . . . . .	17
	Extension tags . . . . .	5

TOOLS NOTE	DESCRIPTION	PRICE
1	Operating Wrench (cast) with Spanner (part number 5320-nut #) . . . . .	\$ 45
	Adjustable Operating Wrench (part number V2065) . . . . .	124
	Combination Storz Cap and Adjustable Operating Nut Wrench (part number V3566) . . . . .	184
<b>Heavy Duty Disassembly Wrenches - Valve Seat Removal</b>		
6	4" Valve Opening for W/WB22, 31, 59 and 77 . . . . .	1,009
	5" Valve Opening for W/WB22, 31, 59, 67, 67-250 and 77-1 . . . . .	1,083
	4"/5" Heavy Duty Disassembly Wrench Parts-Top Casting . . . . .	149
	4"/5" Heavy Duty Disassembly Wrench Parts-Centering Plate . . . . .	165
<b>Light Weight Disassembly Wrenches - Valve Seat Removal</b>		
2	One Piece or Two Piece Standard . . . . .	859
	Two Piece Compact . . . . .	974
	2-foot Extension . . . . .	214
<b>Hydraulic Disassembly Wrench</b> (for hydrants built in 1955 and earlier with integrally-cast flange) . . . . .		
	Hose Nozzle Retainer Wrench (does not include handle) . . . . .	81
	Pumper Nozzle Retainer Wrench (does not include handle) . . . . .	100
	Hinged Pumper Nozzle Retainer Wrench (for 5" storz) . . . . .	524
3	Operating Rod Re-threading Die . . . . .	92
3	Operating Nut Re-threading Tap . . . . .	92
	Nozzle Section Bushing Driver (part number 72452) . . . . .	500
	Adhesive / Sealant (5 fl oz. tube, part number V3405) (used when installing reference no. 89 bushing in Pacer nozzle sections) . . . . .	18
	4-foot Wrench Handle (for disassembly wrenches and retainer wrenches) (part number 63296) . . . . .	214
	Vandalproof Shield Wrench . . . . .	61
	Captivater Wrench . . . . .	180

ALL PRICING IS PER EACH

**NOTES—Please include the following information when ordering:**

1. Nut Size and Shape.
2. Size of Valve Opening; Cover/Bury Depth.
3. Direction of Opening.
4. Color.
5. Thread Specification; Nut Size and Shape; Color.
6. Cover/Bury Depth.
7. Year of Hydrant.



## Traverse City Hydrant Parts

REF #	SEE NOTE	DESCRIPTION	5" VO PRICE
1	XI	Copper Gaskets—Used with #5 Only	\$ 13
2	R	Bronze Stud 1/2"	19
3	R	Bronze Nut 1/2"	2
4	T	1 Cast Iron Top Nut	33
5	F	Bronze Stuffing Box Nut with #6 O-Rings	156
6	Y	Rubber O-Ring Seals—Requires 2.	2
7	U	Top Bronze Piece	464
9	G	2 Bronze Hose Nozzle 2½"	184
12	X2	Hose Nozzle Cap Gasket	5
12	X2	Pumper Nozzle Cap Gasket	7
13	E	3 Hose Nozzle Cap with Gasket	77
14	E	3 Pumper Nozzle Cap with Gasket	133
15		Nozzle Cap Chain—TVC Double	32
		–Single	12
		–Double	23
16	W	Stainless Steel Cotter Pin	20
17	X	Full Face Gasket	32
17		Lipped Gasket	32
	XB	Break Flange O-Ring	59
18		Lock Ring	20
19	DB	Upper Rod (Traffic Model Only)	98
20	BB	4 Barrel (Traffic Model) – 3'0"	440
		Add for each additional 6"	57
21		Hex Nut	2
22		Hex Bolt	2
	B	Extension Stem Coupling	108
	HS	5 Main Valve Assembly—Includes 30-34, 36-38, 41	1,596
23,25	VB	Breakable Bolt & Nut—1 Each	19
24		Barrel Flange	121
25,29	V	Flange Bolt & Nut—1 Each	12
26	CB	Breakable Coupling	120
27	D	4 Lower Rod—Per Foot	40
28		4 Barrel (Non-Traffic)—3'0"	790
		Add for each additional 6"	57
30	S	5 Bronze Stem	633
31	H	Bronze Drip Valve, Includes Leather & Drip Nails	360
32	Z	O-Ring Seals—Requires 2.	2
33	K	Valve Top Piece	142
34	J	Molded Valve Rubber	57
35	M	Bronze Valve Seat	158
36	L	Valve Bottom Piece	70
37	N	Bronze Valve Nut	93
38	O	Bronze Packing Nut with 2 Set Screws	36
40		Set Screw	2
41	I	Drip Valve Leather with Nails & Rivet Set	59
58		Rivet or Drip Nail—Set of 5	2
59		Steel Extension Stem	POA

SEE HYDRANT PARTS  
DIAGRAM  
ON PAGE 49.

**NOTES—Please include the following information when ordering:**

1. Nut Size and Shape; Color and Year.
2. Thread Specification.
3. Thread Specification, Nut Size and Shape; Color.
4. Length.
5. Direction of Opening.

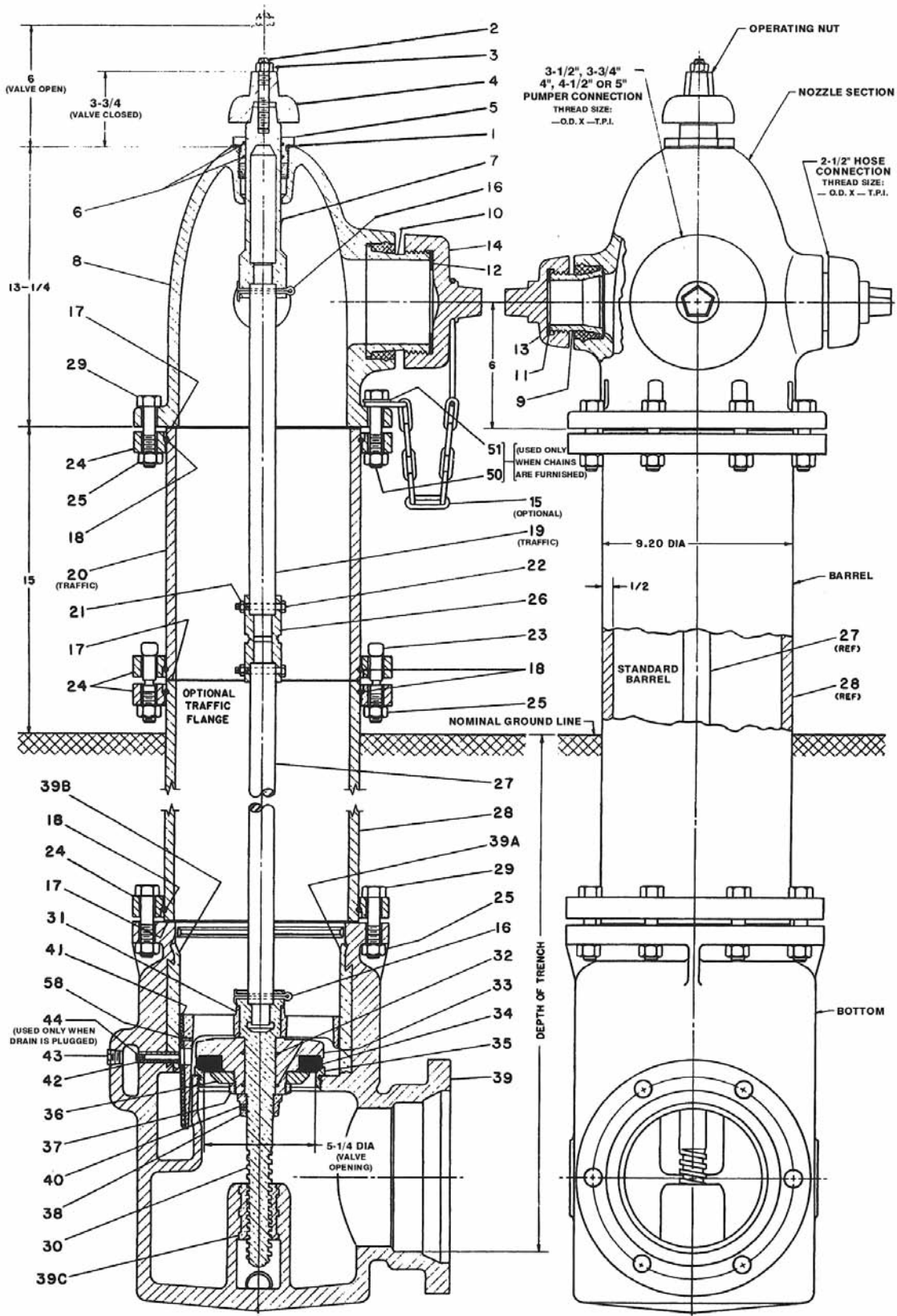
**Note: Parts are no longer available for 4" and 6" VO hydrants.**

**ALL PRICING IS PER EACH**





## Traverse City Hydrant Parts Diagram





## AFC Series 2500 Ductile Iron Resilient Wedge Valve 2" thru 12" - 250 PSI Water Working Pressure Resilient Seated, per AWWA C515

### NON-RISING STEM (NRS) VALVES

SIZE	MODEL	FLANGED (FF)	250# RF FLANGE (F2)	FLANGE X MJ LESS ACC. (FM)	FLANGE X MJ W/MJ ACC. (FM)	MECH. JT. LESS ACC. (MM)	MECH. JT. W/MJ ACC. (MM)
2"	2502	\$366	–	–	–	\$370	\$418
2½"	2525	437	–	–	–	–	–
3"	2503	519	\$1,381	\$478	\$534	524	547
4"	2504	580	1,560	559	596	585	626
6"	2506	775	1,734	747	782	747	810
8"	2508	1,212	2,313	1,167	1,218	1,189	1,260
10"	2510	1,925	3,756	1,854	1,916	1,854	1,959
12"	2512	2,325	4,219	2,239	2,369	2,346	2,476

### NON-RISING STEM (NRS) VALVES

SIZE	MODEL	THREADED (SS)	PVC W/GASKETS (PP)	FLG X TYTON LESS GASKET (TF)	FLG X TYTON W/TY GASKET (TF)	TYTON LESS GASKETS (TT)	TYTON W/GASKETS (TT)
2"	2502	*\$357	\$381	–	–	–	–
2½"	2525	*442	522	–	–	–	–
3"	2503	527	556	–	–	–	–
4"	2504	–	637	\$590	\$605	\$601	\$638
6"	2506	–	824	778	800	791	824
8"	2508	–	1,299	1,229	1,258	1,201	1,314
10"	2510	–	–	1,933	1,967	1,940	2,009
12"	2512	–	–	2,378	2,420	2,432	2,514

Transition gaskets available in lieu of standard gaskets for MJ accessories – add \$9 per end.

\*Add \$9 for T-Head Operator.

Add \$19 for Pentagon Operating Nut (3"-12" only).

Add for A277 Valve Mounted Enclosed Miter Gear (3"-12" NRS only) ... \$2,080

### OS&Y VALVES

SIZE	MODEL	THREADED (SS)	FLANGED (FF)	250# RF FLANGE (F2)
2"	2502	\$456	\$456	–
2½"	2525	572	572	–
3"	2503	666	666	\$1,583
4"	2504	–	763	1,788
6"	2506	–	991	2,000
8"	2508	–	1,514	2,685
10"	2510	–	2,225	4,070
12"	2512	–	2,897	4,906

Add for each valve body tap ..... \$37

See page 83 for tap locations and size.



## AFC Series 2500 Ductile Iron Resilient Wedge Valve 14" thru 66" - 250 PSI Water Working Pressure Resilient Seated, per AWWA C515 where applicable

### NON-RISING STEM (NRS) VALVES (NON-GEARED)

SIZE	MODEL	FLANGED (FF)	FLANGE X MJ LESS ACC. (FM)	FLANGE X MJ W/MJ ACC. (FM)	MECH. JT. LESS ACC. (MM)	MECH. JT. W/MJ ACC. (MM)	250# RF FLANGE (F2)	PUSH-ON LESS GASKETS (PO)	PUSH-ON W/GASKETS (PO)
14"	2514	\$7,250	\$7,250	\$7,455	\$7,250	\$7,661	\$10,800	\$7,529	\$8,073
16"	2516	7,864	7,864	8,088	7,864	8,312	11,550	8,151	8,226
18"	2518	12,872	12,872	13,272	12,872	13,671	20,900	-	-
20"	2520	15,459	15,459	15,892	15,459	16,324	23,100	-	-
24"	2524	21,981	21,981	22,640	21,981	23,301	30,000	-	-

### INCLUDES BEVEL GEAR

SIZE	MODEL	FLANGED (FF)	FLANGE X MJ LESS ACC. (FM)	FLANGE X MJ W/MJ ACC. (FM)	MECH. JT. LESS ACC. (MM)	MECH. JT. W/MJ ACC. (MM)	250# RF FLANGE (F2)	PUSH-ON LESS GASKETS (PO)	PUSH-ON W/GASKETS (PO)
14"	2514	\$9,717	\$9,717	\$9,922	\$9,717	\$10,128	\$13,267	\$9,996	\$10,540
16"	2516	10,331	10,331	10,555	10,331	10,779	14,017	10,618	10,693
18"	2518	15,805	15,805	16,205	15,805	16,604	23,833	-	-
20"	2520	18,392	18,392	18,825	18,392	19,257	26,033	-	-
24"	2524	25,273	25,273	25,932	25,273	26,593	33,292	-	-
30"	2530	POA	POA	POA	POA	POA	-	-	-
36"	2536	POA	POA	POA	POA	POA	-	-	-
42"	2542	POA	POA	POA	POA	POA	-	-	-
48"	2548	POA	POA	POA	POA	POA	-	-	-
54"	2554	POA	-	-	-	-	-	-	-
60"	2560	POA	-	-	-	-	-	-	-
66"	2566	POA	-	-	-	-	-	-	-

### INCLUDES SPUR GEAR

SIZE	MODEL	FLANGED (FF)	FLANGE X MJ LESS ACC. (FM)	FLANGE X MJ W/MJ ACC. (FM)	MECH. JT. LESS ACC. (MM)	MECH. JT. W/MJ ACC. (MM)	250# RF FLANGE (F2)	PUSH-ON LESS GASKETS (PO)	PUSH-ON W/GASKETS (PO)
14"	2514	\$9,617	\$9,617	\$9,822	\$9,617	\$10,028	\$13,167	\$9,896	\$10,440
16"	2516	10,231	10,231	10,455	10,231	10,679	13,917	10,518	10,593
18"	2518	15,595	15,595	15,995	15,595	16,394	23,623	-	-
20"	2520	18,182	18,182	18,615	18,182	19,047	25,823	-	-
24"	2524	25,159	25,159	25,818	25,159	26,479	33,178	-	-
30"	2530	POA	POA	POA	POA	POA	-	-	-
36"	2536	POA	POA	POA	POA	POA	-	-	-
42"	2542	POA	POA	POA	POA	POA	-	-	-
48"	2548	POA	POA	POA	POA	POA	-	-	-
54"	2554	POA	-	-	-	-	-	-	-
60"	2560	POA	-	-	-	-	-	-	-
66"	2566	POA	-	-	-	-	-	-	-



## Mechanical Joint Cutting-In Valves

### RESILIENT WEDGE VALVES WITH VALVE ACCESSORIES

SIZE	MJ X CUT-IN LESS ACC. (CM)	MJ X CUT-IN W/MJ ACC. (CM)
4"	\$ 807	\$ 825
6"	1,102	1,122
8"	1,715	1,740
10"	2,460	2,574
12"	3,105	3,248

## Mechanical Joint Ductile Iron Cutting-In Sleeve

### WITH SLEEVE ACCESSORIES

SIZE	LIST PRICE
4"	\$ 850
6"	1,172
8"	1,790
10"	2,370
12"	2,408

Add to list price for Tap – \$37 per Tap



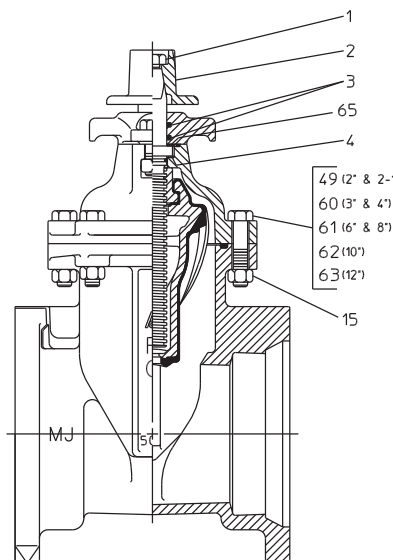
## Series 500 Resilient Wedge Valve Parts

### NON-RISING STEM (NRS)

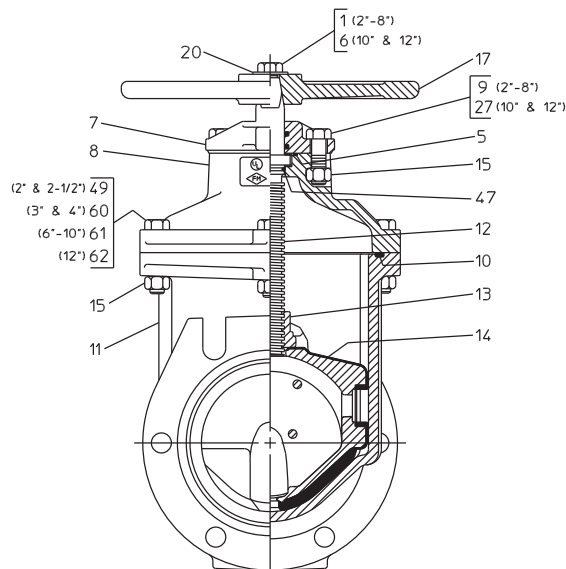
REF #	SEE NOTE	DESCRIPTION	2"	2½"	3"	4"	6"	8"	10"	12"
1		Hex Head Bolt, 1" . . . . .	\$ 2	\$ 2	\$ 2	\$ 2	\$ 2	\$ 2	\$ 2	\$ 2
2	1	Operating Nut, 2" square . . . . .	29	29	29	29	29	29	29	29
	1	Tee Head Operator . . . . .	61	61	-	-	-	-	-	-
3		O-Ring . . . . .	7	7	7	7	7	8	8	8
4		Lower Thrust Washer – Teflon . . . . .	2	2	2	2	2	5	5	7
5	2	Stuffing Box Gasket . . . . .	2	2	2	2	2	2	2	2
6		Hex Head Bolt, 5/8 - 11 . . . . .	-	-	-	-	-	-	13	13
7	3	Stuffing Box Assembly . . . . .	43	43	64	64	93	93	121	121
9		Hex Head Bolt, 1¼" . . . . .	7	7	7	7	7	-	-	-
10	2	Throat Flange Gasket . . . . .	12	12	15	15	20	25	29	32
12	1.,3.	Stem . . . . .	85	85	105	105	121	168	254	279
13	1	Wedge Nut . . . . .	-	-	29	29	33	33	49	49
14		Resilient Wedge . . . . .	226	226	293	293	396	620	839	1,337
15		Hex Nut . . . . .	2	2	2	2	2	2	2	2
17	1	Handwheel . . . . .	66	66	145	145	177	294	375	375
20		Flat Washer – For Handwheel . . . . .	2	2	2	2	2	2	5	7
27		Hex Head Bolt, 2¼" . . . . .	-	-	-	-	-	-	2	2
30	3	Indicator Plate . . . . .	235	235	235	235	235	235	235	235
46		Spirol Pin . . . . .	5	5	-	-	-	-	-	-
47		O-Ring . . . . .	-	-	5	5	5	5	7	7
49		Hex Head Bolt, 2½" . . . . .	2	2	-	-	-	-	-	-
60		Hex Head Bolt, 2¾" . . . . .	-	-	2	2	-	-	-	-
61		Hex Head Bolt, 3" . . . . .	-	-	-	-	2	2	2	-
62		Hex Head Bolt, 3¼" . . . . .	-	-	-	-	-	-	2	2
63		Hex Head Bolt, 3½" . . . . .	-	-	-	-	-	-	-	2
		Flange End Gasket – Tapping Valve . . .	-	-	-	8	15	25	25	36
		Bolts & Nuts – Tapping Valve - 1 each	-	-	-	5	7	7	13	13
65		Upper Thrust Washer – 304 SS . . . . .	2	2	2	2	2	2	7	7

**NOTES—Please include the following information when ordering:**

1. Direction of Opening.
2. Year of manufacture.
3. 4": The stem, stuffing box, and indicator plate are no longer available individually for valves built prior to 699. For repairs, furnish stuffing box or indicator plate and stem.



SHOWN WITH 2" OPERATING NUT



SHOWN WITH OPTIONAL HANDWHEEL



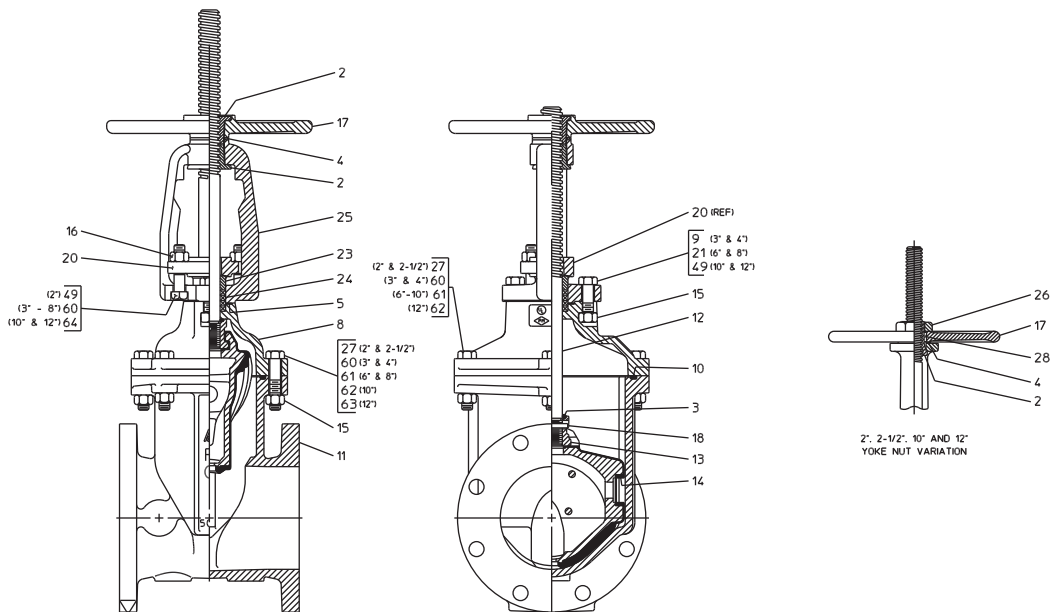
## Series 500 Resilient Wedge Valve Parts

### RISING STEM (OS&Y)

REF #	SEE NOTE	DESCRIPTION	2"	2½"	3"	4"	6"	8"	10"	12"
2	1	Yoke Nut	\$70	\$70	\$100	\$7	\$101	\$105	\$154	\$154
3		O-Ring	—	—	2	2	2	2	—	—
4		Handwheel Washer	2	2	2	2	2	2	7	7
		Stuffing Box Gasket	2	2	5	5	5	5	5	5
10		Throat Flange Gasket	12	12	15	15	20	25	29	32
12	4	Stem Assembly	325	325	—	—	—	—	—	—
12	5	Stem Assembly	—	—	120	126	139	160	275	275
13	5	Wedge Nut	—	—	70	70	74	77	—	—
14		Resilient Wedge	—	—	293	293	396	620	839	1,337
15		Hex Nut	2	2	2	2	2	2	2	2
16		Hex Nut	2	2	2	2	2	2	2	2
17	2	Handwheel	64	64	145	145	177	295	375	375
18		Groove Pin	—	—	2	2	5	5	—	—
19		Valve Rod	—	—	48	48	48	52	—	—
20		Gland Follower	43	43	59	74	85	101	113	121
21		Gland Bolts	—	—	8	8	—	—	—	—
23		Packing Gland	29	29	29	33	33	59	86	86
24		Packing Ring	12	12	23	23	23	23	49	49
25	3	Yoke	375	375	395	395	407	430	455	455
		Yoke Replacement Before 1992	—	—	533	533	575	645	—	—
26		Handwheel Nut	13	13	—	—	—	—	29	29
27		Hex Head Bolt, 2½"	2	2	—	—	2	2	—	—
28		Square Key	13	13	—	—	—	—	15	15
49		Hex Head Bolt, 2½"	2	2	2	2	2	2	2	2
60		Hex Head Bolt, 2¾"	—	—	2	2	—	—	—	—
61		Hex Head Bolt, 3"	—	—	—	—	2	2	2	—
62		Hex Head Bolt, 3¼"	—	—	—	—	—	—	2	2
63		Hex Head Bolt, 3½"	—	—	—	—	—	—	—	2
64		Hex Head Bolt, 4½"	—	—	—	—	—	—	2	2

**NOTES—Please include the following information when ordering:**

1. 3" thru 8" priced per pair; all other sizes are a one piece nut.
2. Specify direction of opening.
3. 2" & 2½": Valves built since 10/91 require 1 piece bonnet/yoke, year of manufacture.
4. 2" & 2½": Stem and/or wedge must be ordered as an assembly; specify direction of opening.
5. 3" thru 12": Stem and/or wedge nut must be ordered as an assembly; specify direction of opening.



L1459-2A



## Series 2500 Resilient Wedge Valve Parts

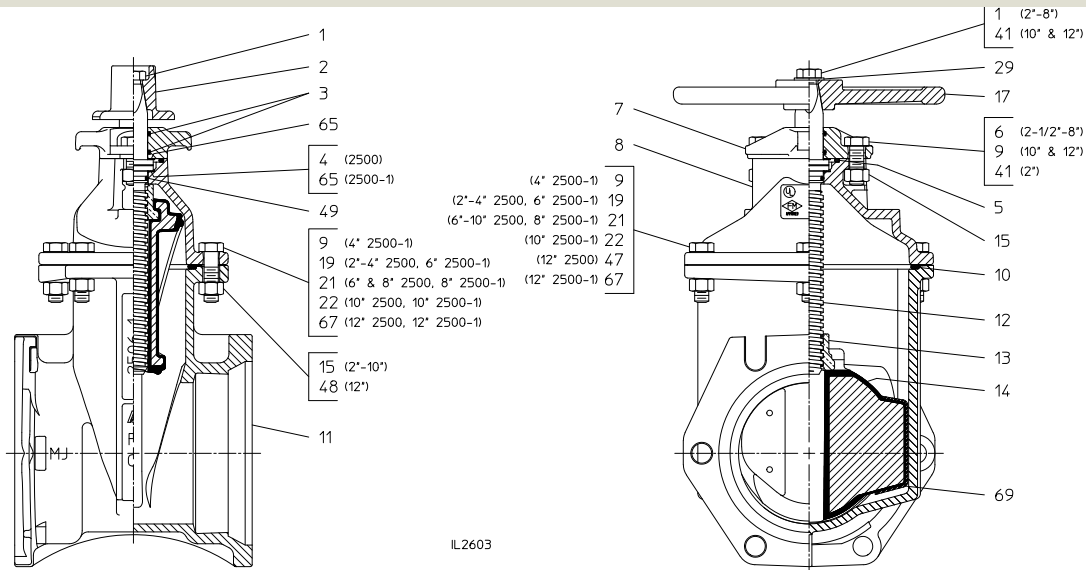
### NON-RISING STEM (NRS)

REF #	SEE NOTE	DESCRIPTION	2"	2½"	3"	4"	6"	8"	10"	12"
1		Hex Head Bolt, 1" . . . . .	\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$2
2	1	Operating Nut, 2" square . . . . .	29	29	29	29	29	29	29	29
3		O-Ring . . . . .	7	7	7	7	7	7	8	8
4		Lower Thrust Washer – Teflon . . . . .	2	2	2	2	2	2	5	7
5		Stuffing Box Gasket . . . . .	2	2	2	2	2	2	2	2
6		Hex Head Bolt, 1¼" . . . . .	–	8	8	8	8	8	–	–
7	3	Stuffing Box Assembly . . . . .	43	43	64	64	93	93	121	121
8		Bonnet . . . . .	142	142	325	325	439	632	912	1,225
9		Hex Head Bolt, 2" . . . . .	–	5	5	–	–	–	7	7
10		Throat Flange Gasket . . . . .	12	12	15	15	20	25	29	32
11	2	Valve Body . . . . .	338	452	561	561	743	1,112	2,003	2,526
12	1.,3.	Stem . . . . .	85	85	105	105	121	168	254	279
13	1	Wedge Nut . . . . .	–	–	–	29	31	33	49	49
14		Resilient Wedge . . . . .	226	226	293	293	396	620	839	1,337
15		Hex Nut . . . . .	2	2	2	2	2	2	2	2
17	1	Handwheel . . . . .	66	66	145	145	177	294	375	375
19		Hex Head Bolt, 2¼" . . . . .	7	–	–	8	–	–	–	–
21		Hex Head bolt, 2½" . . . . .	–	–	–	–	8	8	8	–
22		Hex Head Bolt, 2¾" . . . . .	–	–	–	–	–	–	8	–
29		Flat Washer . . . . .	2	2	2	2	2	2	5	7
30	3	Indicator Plate . . . . .	235	235	235	235	235	235	235	235
41		Hex Head Bolt, 1½" . . . . .	2	–	–	–	–	–	2	2
47		Hex Head Bolt, 3/4 – 10 x 2¾ . . . . .	–	–	–	–	–	–	–	2
48		Hex Nut . . . . .	–	–	–	–	–	–	–	2
49		O-Ring . . . . .	–	5	5	5	5	5	7	7
		Flange End Gasket for Tapping Valve – Bolts & Nuts for Tapping Valve - 1 each	–	–	8	15	25	25	36	–
65		Upper Thrust Washer – 304 SS . . . . .	2	2	2	2	2	2	7	7
67		Hex Head Bolt, 3/4 – 10 x 3" . . . . .	–	–	–	–	–	–	–	7
69		Wedge Guide Cover . . . . .	–	–	–	3	3	4	4	4

**NOTES—Please include the following information when ordering:**

1. Direction of opening.
2. End connections.
3. 4": The stem, stuffing box, and indicator plate are no longer available individually for valves built prior to 6/99. For repairs, furnish stuffing box or indicator plate and stem.

**NOTE:** 4"-12" parts are for Model 2500-1 RW Valve manufactured since 2005.



SHOWN WITH 2" OPERATING NUT

SHOWN WITH OPTIONAL HANDWHEEL



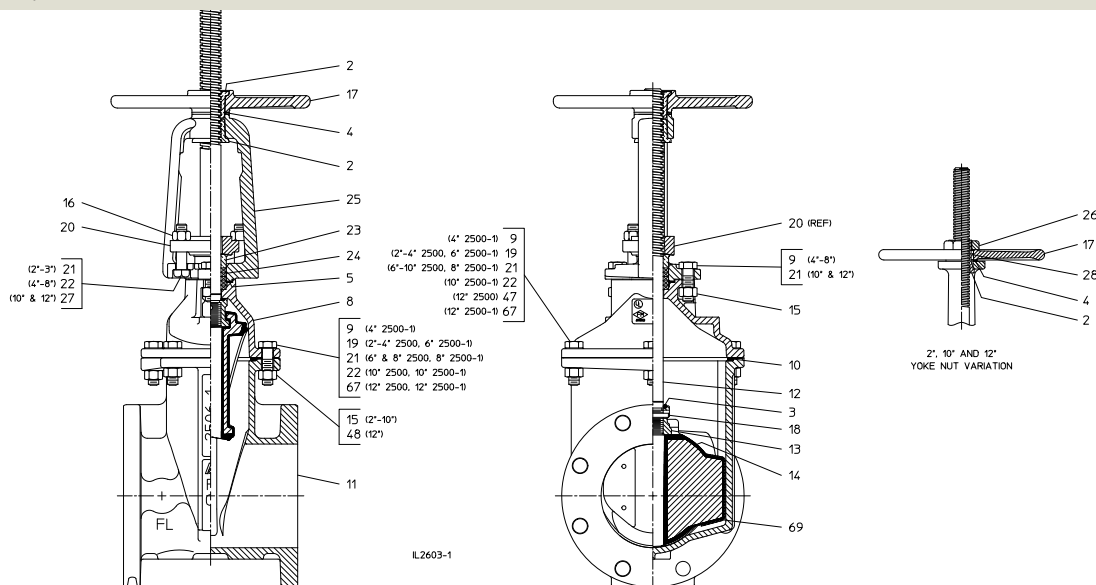
## Series 2500 Resilient Wedge Valve Parts

### RIISING STEM (OS&Y)

REF #	SEE NOTE	DESCRIPTION	2"	2½"	3"	4"	6"	8"	10"	12"
2	2,3	Yoke Nut	\$70	\$70	\$100	\$100	\$101	\$105	\$154	\$154
3		O-Ring	—	—	—	2	2	2	—	—
4		Handwheel Washer	2	2	2	2	2	2	5	7
5		Stuffing Box Gasket	2	2	5	5	5	5	5	5
8		Bonnet	142	142	325	325	439	632	912	1,225
9		Hex Head Bolt, 2"	—	8	8	8	8	8	—	—
10		Throat Flange Gasket	12	12	15	15	20	25	29	32
11	1	Valve Body	251	452	561	561	743	1,112	2,003	2,526
12	4	Stem Only	—	—	—	—	—	—	—	—
	4	Stem Assembly – Stem, Pin, O-Ring & Wedge or Wedge Nut	325	325	325	—	—	—	275	275
13	4	Wedge Nut	—	—	—	—	—	—	—	—
14		Resilient Wedge	—	—	—	293	396	620	839	1,337
15		Hex Nut	2	2	2	2	2	2	2	2
16		Hex Nut	2	2	2	2	2	2	2	2
17	2	Handwheel	64	64	145	145	177	294	375	375
18		Groove Pin	—	—	—	2	5	5	—	—
19		Hex Head Bolt, 2½"	7	—	—	8	—	—	—	—
20		Gland Follower	43	43	59	74	85	101	113	121
21		Hex Head Bolt, 2½"	8	8	8	—	8	8	12	12
22		Hex Head Bolt, 2¾"	—	—	—	7	7	7	7	—
23		Packing Gland	29	29	29	33	33	59	66	86
24		Packing Ring	12	12	23	23	23	23	49	49
25		Yoke	375	375	395	396	407	431	455	455
26		Handwheel Nut	11	—	—	—	—	—	29	29
27		Hex Head, 4½"	—	—	—	—	—	—	2	2
28		Square Key	11	—	—	—	—	—	15	15
47		Hex Head Bolt, 3/4 – 10, 2¾"	—	—	—	—	—	—	—	2
48		Hex Nut, 3/4 - 10	—	—	—	—	—	—	—	2
67		Hex Head Bolt, 3/4 – 10 x 3"	—	—	—	—	—	—	—	7
69		Wedge Guide Cover	—	—	—	3	3	4	4	4

#### NOTES:

1. Specify end connections
2. Specify opening direction.
3. 4" thru 8" priced per pair; all other sizes are a one piece nut.
4. 2" thru 3"; Stem and/or wedge must be ordered as an assembly; specify direction of opening.  
4" thru 12"; Stem and/or wedge nut must be ordered as an assembly; specify direction of opening.
5. 4" thru 12" parts are for Model 2500-1 RW Valve manufactured since 2005.







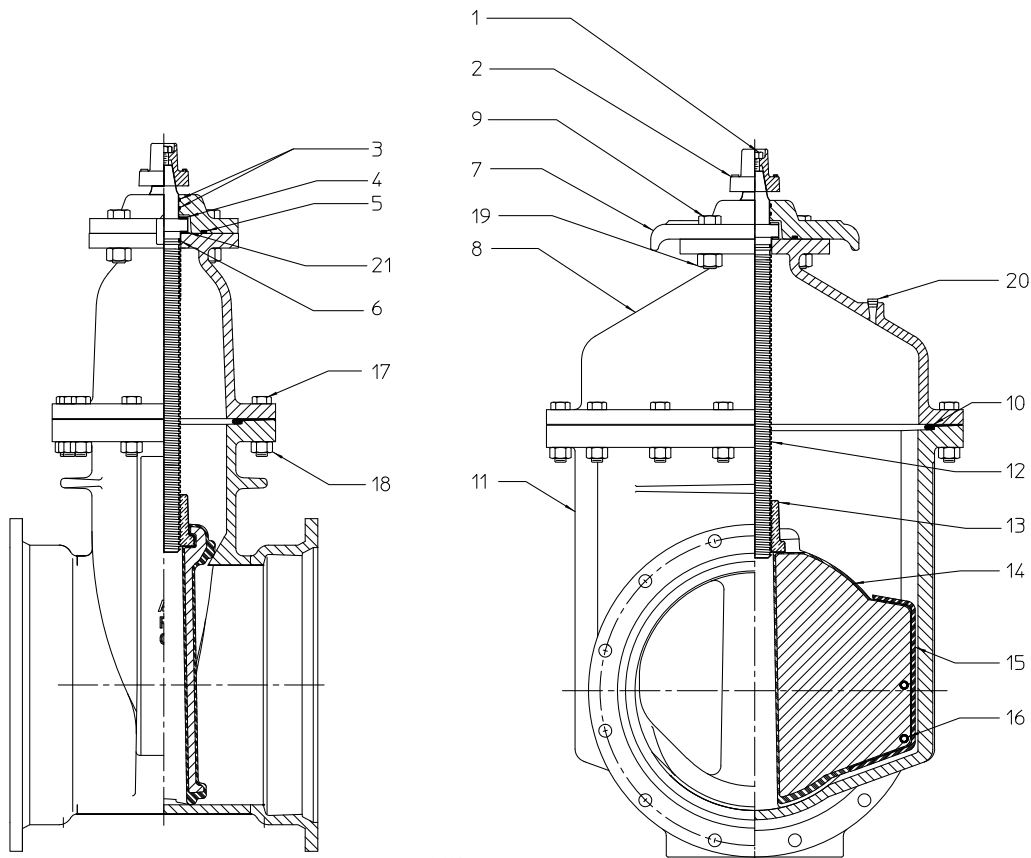
## 14" - 24" Series 2500 Resilient Wedge Valve Parts

### NON-RISING STEM (NRS) – NON-GEARED

REF #	SEE NOTE	DESCRIPTION	14"	16"	18"	20"	24"
1		Hex Head Bolt, 5/8-11 .....	\$4	\$4	\$4	\$4	\$4
2	1	Operating Nut, 2" square .....	39	39	39	39	39
3		O-Ring .....	8	8	8	8	11
4		Upper Thrust Washer .....	13	13	13	13	13
5		Stuffing Box Gasket .....	8	8	8	12	12
6		O-Ring .....	8	8	8	8	8
7		Stuffing Box .....	249	249	249	845	845
8		Bonnet .....	1,267	1,358	1,891	2,854	5,067
9		Hex Head Bolt, 7/8-9 .....	15	15	15	15	15
10		Throat Flange Gasket .....	39	43	57	63	66
11	2	Valve Body .....	3,040	3,169	7,770	8,783	13,851
12	1	Stem .....	912	978	1,047	1,182	1,419
13	1	Wedge Nut .....	245	245	245	245	305
14		Resilient Wedge .....	1,267	1,426	2,788	3,209	4,054
15		Wedge Cover .....	37	40	55	85	93
16		Wedge Cover Pin .....	17	17	17	20	33
17		Hex Head Bolt .....	8	8	11	11	12
18		Hex Nut .....	4	4	4	4	4
19		Hex Nut, 7/8 - 9 .....	4	4	4	4	4
20		Pipe Plug .....	8	8	8	8	8
21		Lower Thrust Washer .....	13	13	13	13	17
26	1	Handwheel .....	423	423	507	507	507
30		Indicator Plate .....	527	527	527	-	-

#### NOTES—Please include the following information when ordering:

1. Direction of opening.
2. End connections.



91-21087



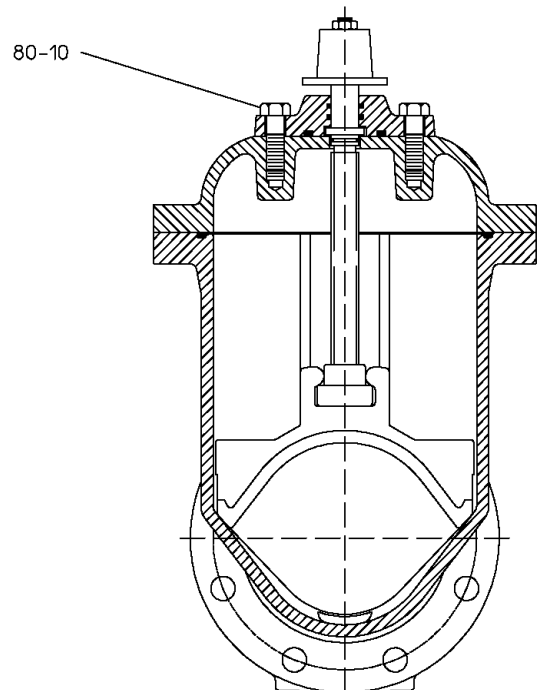
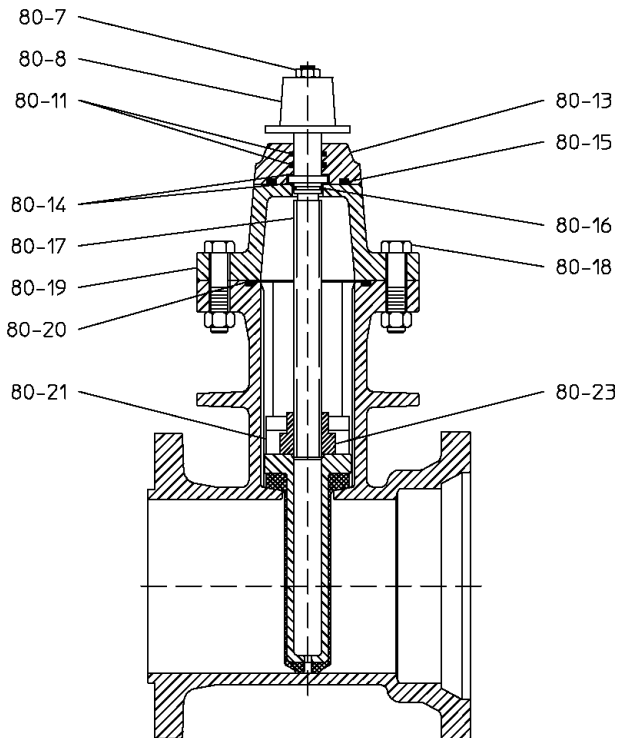
## Gate Valve Repair Parts - CRS

### 80 LINE NON-RISING STEM (NRS)

PART NO.	DESCRIPTION	4"	6"	8"	10"	12"
7	Clamp Nut .....	\$4	\$5	\$5	\$5	\$5
8	Wrench Nut .....	20	20	20	39	39
10	Cover Bolt (2) .....	5	7	7	8	8
11	Upper Stem O-Ring (2) .....	4	5	5	5	5
*13	Bonnet Cover .....	73	93	93	133	133
14	Thrust Washer .....	(1) 5	(2) 5	(2) 5	(2) 7	(2) 7
15	Cover O-Ring .....	13	13	13	13	13
16	Lower Stem O-Ring .....	4	5	5	5	5
**17	Stem .....	193	258	364	444	499
18	Bonnet Bolt & Nut .....	(6) 5	(6) 7	(6) 8	(10) 8	(10) 15
19	Bonnet .....	221	265	396	600	737
20	Bonnet O-Ring .....	23	23	25	45	48
21	Resilient Seated Gate .....	233	314	499	680	1,064
23	Stem Nut .....	88	93	93	138	158

**NOTES—Please include the following information when ordering:**

1. Direction of opening.
2. End connections.





## Tapping Valves - AFC Series 2500 Ductile Iron Resilient Wedge

4" - 48" - 250 PSI Water Working Pressure

SIZE	MODEL	FLANGE X MJ LESS MJ ACC. (TM)	FLANGE X MJ W/MJ ACC. (TM)
4"	2504	\$738	\$781
6"	2506	1,042	1,083
8"	2508	1,548	1,607
10"	2510	2,334	2,405
12"	2512	3,525	3,676
14"	2514	8,094	8,299
16"	2516	9,178	9,424
18"	2518	15,239	15,638
20"	2520	18,400	18,833
24"	2524	24,970	25,629

Price includes flange joint gasket and bolting.

### INCLUDES BEVEL GEAR

SIZE	MODEL	FLANGE X MJ LESS MJ ACC. (TM)	FLANGE X MJ W/MJ ACC. (TM)
14"	2514	\$10,561	\$10,766
16"	2516	11,645	11,891
18"	2518	18,172	18,571
20"	2520	21,333	21,766
24"	2524	28,262	28,921
30"	2530	POA	POA
36"	2536	POA	POA
42"	2542	POA	POA
48"	2548	POA	POA

### INCLUDES SPUR GEAR

FLANGE X MJ LESS MJ ACC. (TM)	FLANGE X MJ W/MJ ACC. (TM)
\$10,461	\$10,666
11,545	11,791
17,961	18,360
21,122	21,555
28,148	28,807
POA	POA
POA	POA
POA	POA
POA	POA

Price includes flange joint gasket and bolting.



## Ductile Iron Tapping Sleeves

SIZE Inches	MECH. JOINT FOR C.I./D.I. PIPE	SIZE Inches	MECH. JOINT FOR C.I./D.I. PIPE	SIZE Inches	MECH. JOINT FOR A.C. PIPE
4 x 4	\$ 711	20 x 4	\$6,998	4 x 4	\$ 711
6 x 4	846	20 x 6	6,998	6 x 4	846
6 x 6	846	20 x 8	6,793	6 x 6	846
8 x 4	1,039	20 x 10	6,835	8 x 4	1,039
8 x 6	1,039	20 x 12	7,130	8 x 6	1,039
8 x 8	1,124	20 x 14	10,275	8 x 8	1,124
10 x 4	2,055	20 x 16	10,425	10 x 4	2,055
10 x 6	2,055	20 x 18	10,425	10 x 6	2,055
10 x 8	2,183	20 x 20	10,425	10 x 8	2,183
10 x 10	2,226	24 x 4	8,596	10 x 10	2,226
12 x 4	2,055	24 x 6	8,596	12 x 4	2,055
12 x 6	2,055	24 x 8	8,596	12 x 6	2,055
12 x 8	2,183	24 x 10	8,700	12 x 8	2,183
12 x 10	2,526	24 x 12	8,720	12 x 10	2,526
12 x 12	2,596	24 x 14	12,859	12 x 12	2,596
14 x 4	5,021	24 x 16	13,009		
14 x 6	5,132	24 x 18	13,009		
14 x 8	5,168	24 x 20	13,384		
14 x 10	5,222	24 x 24	13,540		
14 x 12	5,233	30 x 6	20,808		
14 x 14	5,430	30 x 8	20,932		
16 x 4	5,386	30 x 12	21,950		
16 x 6	5,495	30 x 24	26,350		
16 x 8	5,554	36 x 6	24,940		
16 x 10	5,577	36 x 8	25,230		
16 x 12	5,604	36 x 12	26,100		
16 x 16	5,863	36 x 24	32,650		
18 x 4	7,822				
18 x 6	8,227				
18 x 8	8,282				
18 x 10	8,282				
18 x 12	8,282				
18 x 14	8,282				
18 x 16	8,282				
18 x 18	8,516				

Mechanical Joint 4" thru 12" fit class AB & CD pipe. 14" and larger fit class AB pipe.



## Tapping Sleeve Parts

REF. NO.	DESCRIPTION	4"	6"	8"	10"	12"	14"	*16"	*18"	*20"	*24"
1	Sleeve Front (not sold as parts)	-	-	-	-	-	-	-	-	-	-
2	Sleeve Back (not sold as parts)	-	-	-	-	-	-	-	-	-	-
3	Side Gaskets - Each	\$ 25	\$ 32	\$ 36	\$ 39	\$ 40	\$ 43	\$ 49	\$ 55	\$ 61	\$ 74
4	End Gaskets - CI/DI - Each	27	29	32	33	39	40	45	51	56	68
	End Gaskets - AC - Each	39	48	61	73	88	-	-	-	-	-
5	Split Glands - Pair	105	132	132	375	540	590	674	760	840	1,010
6/7	Bolt & Nut - Each	2	2	2	2	2	2	2	2	2	2
8/9	T-Head Bolt & Nut - Each	12	12	13	13	13	13	13	13	13	13
10	Pipe Plug	12	12	12	12	12	12	12	12	12	12
11	Bolt 1 - 8 x 4	-	-	-	-	-	-	19	-	-	-
12	Bolt 1 - 8 x 13	-	-	-	-	-	-	48	-	-	-
13	Nut 1 - 8	-	-	-	-	-	7	7	7	7	-
14	Bolt 3/4 - 10 x 3 3/4"	-	-	-	-	-	-	20	-	-	-
15	Stud 1 - 8 x 11	-	-	-	-	-	45	-	45	45	-
16	Stud 1 - 8 x 5 1/2	-	-	-	-	-	24	-	24	24	-
17	Stud 1 1/4 - 8 x 11	-	-	-	-	-	-	-	-	-	56
18	Stud 1 1/4 - 8 x 6	-	-	-	-	-	-	-	-	-	40
19	Stud 1 1/4 - 8	-	-	-	-	-	-	-	-	-	10

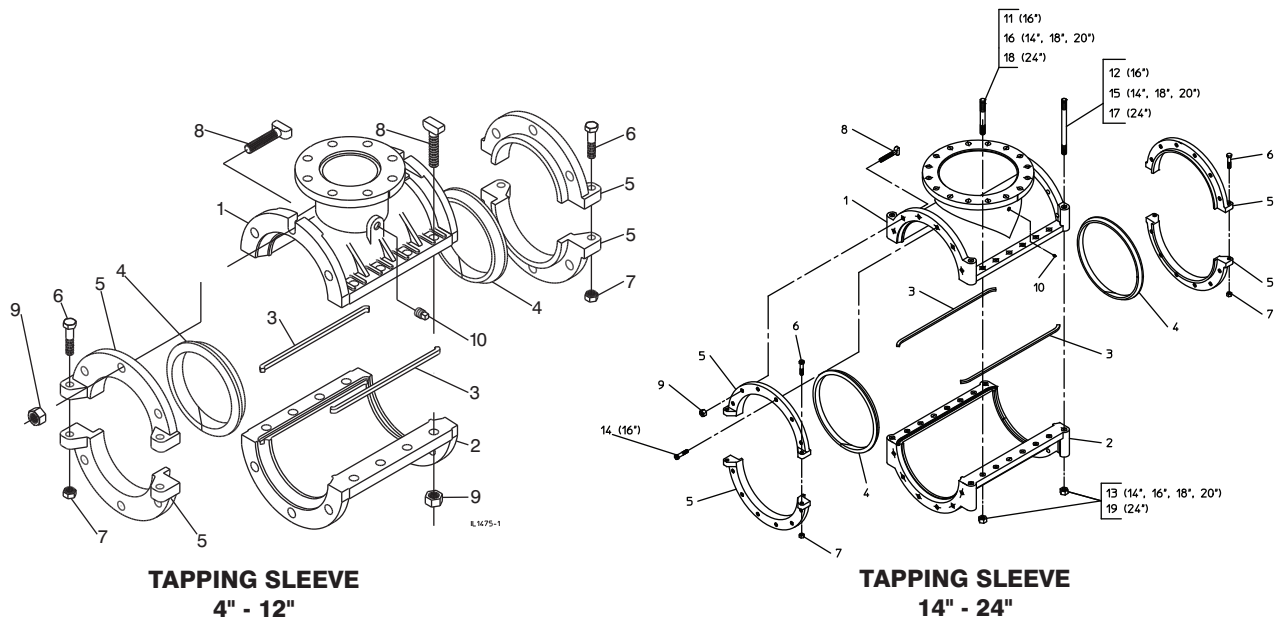
Specify if tapping sleeve is for CI/DI or AC pipe.

\*Specify if 16" - 24" parts are for Model 1004 or 2800 Series.

### TAPPING SLEEVE ACCESSORY KITS (INCLUDES SIDE GASKETS, END GASKETS, T-BOLTS & NUTS)

KIT NO.	DESCRIPTION	4"	6"	8"	10"	12"	14"	*16"	*18"	*20"	*24"
For CI/DI Pipe:											
K809	with 3/4" End Gaskets	\$152	\$206	\$242	\$319	\$327	\$428	\$488	\$560	\$640	\$750
K811	with 3/4" and 5/8" End Gaskets	193	253	293	374	387	-	559	-	-	-
K810	For AC Pipe	233	307	387	495	551	-	-	-	-	-

\*Specify if 16" - 24" parts are for Model 1004 or 2800 Series.





## Series 2100 Ductile Iron Resilient Seated Check Valve 250 P.S.I.G. Water Working Pressure

### FLANGED ENDS CLASS 125

SIZE	MODEL	PRICE
3"	2103	\$ 714
4"	2104	792
6"	2106	1,188
8"	2108	1,739
10"	2110	3,120
12"	2112	4,887
14"	2114	8,295
16"	2116	11,340

### ADD FOR OPTIONAL ACCESSORIES

SIZE	BACK FLUSHING ACTUATOR
3"	\$ 332
4"	353
6"	483
8"	756
10"	873
12"	986
14"	1,575
16"	1,680



## AWWA Swing Check Valves

3" thru 12" 50-Line – 200 PSI Water Working Pressure

14" thru 16" 50-Line – 150 PSI Water Working Pressure

3" thru 12" Series 600 – 175 PSI Water Working Pressure

### 50-LINE VALVES WITH BRONZE FACED DISC – AMERICAN-DARLING VALVE

#### STANDARD

SIZE	MODEL # 52 SC FLANGED ENDS
3"	\$ 774
4"	956
6"	1,436
8"	2,102
10"	3,772
12"	5,905
14"	8,352
16"	11,320

#### LEVER & WEIGHT OR SPRING

SIZE	MODEL # 52 SC FLANGED ENDS
3"	\$ 1,237
4"	1,457
6"	1,960
8"	2,970
10"	4,767
12"	6,854
14"	10,031
16"	13,094

### 50-LINE VALVES WITH RUBBER FACED DISC – AMERICAN-DARLING VALVE

#### STANDARD

SIZE	MODEL # 52 SC FLANGED ENDS
3"	\$ 774
4"	956
6"	1,436
8"	2,102
10"	3,772

#### LEVER & WEIGHT OR SPRING

SIZE	MODEL # 52 SC FLANGED ENDS
3"	\$ 1,237
4"	1,457
6"	1,960
8"	2,970
10"	4,767

### SERIES 600 VALVES WITH O-RING FACED DISC – WATEROUS

#### STANDARD

SIZE	FLANGED ENDS
3"	\$ 774
4"	956
6"	1,436
8"	2,102
10"	3,772
12"	5,905

#### LEVER & WEIGHT OR SPRING

SIZE	FLANGED ENDS
3"	\$ 1,237
4"	1,457
6"	1,960
8"	2,970
10"	4,767
12"	6,854

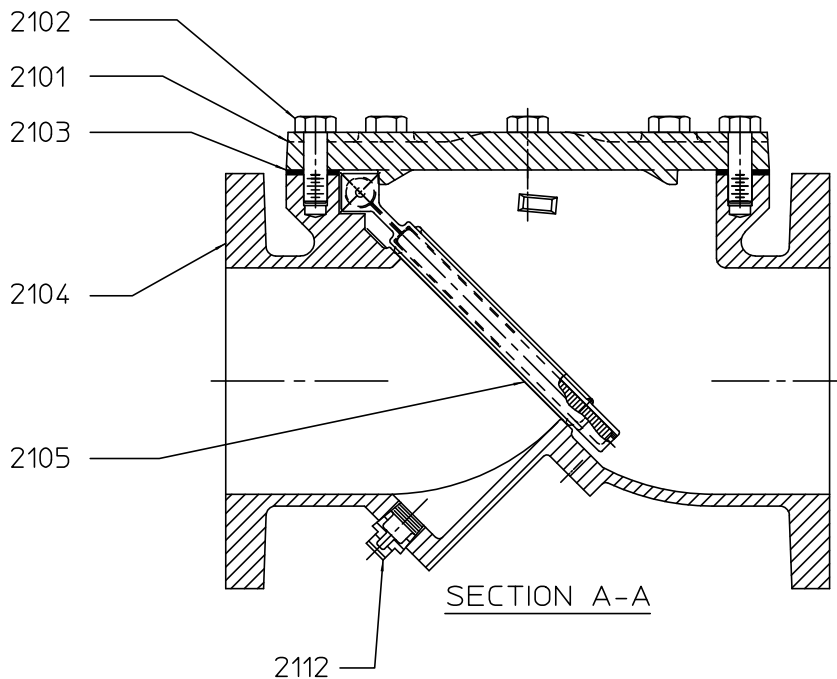
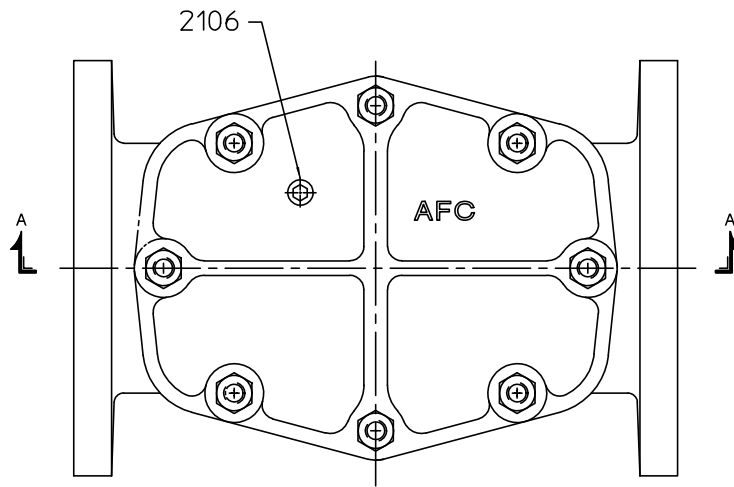
Valves are equipped with O-Ring Seal in the Disc.



## Check Valve Repair Parts

### SERIES 2100 RESILIENT SEATED CHECK VALVE

PART NO.	DESCRIPTION	3"	4"	6"	8"	10"	12"	14"	16"
2101	Valve Bonnet .....	\$ 96	\$105	\$188	\$281	\$ 633	\$ 819	\$1,463	\$1,729
2102	Bonnet Bolt .....	4	4	5	5	7	7	11	13
2103	Bonnet Gasket .....	53	68	70	76	105	110	120	126
2104	Valve Body .....	479	625	845	928	1,394	1,672	4,655	5,852
2105	Disc .....	149	169	253	305	507	591	771	898
2106	Pipe Plug, 3/8 .....	13	13	13	13	13	13	13	13
2112	Pipe Plug .....	20	21	21	21	29	29	33	33







## Check Valve Repair Parts - IBBM

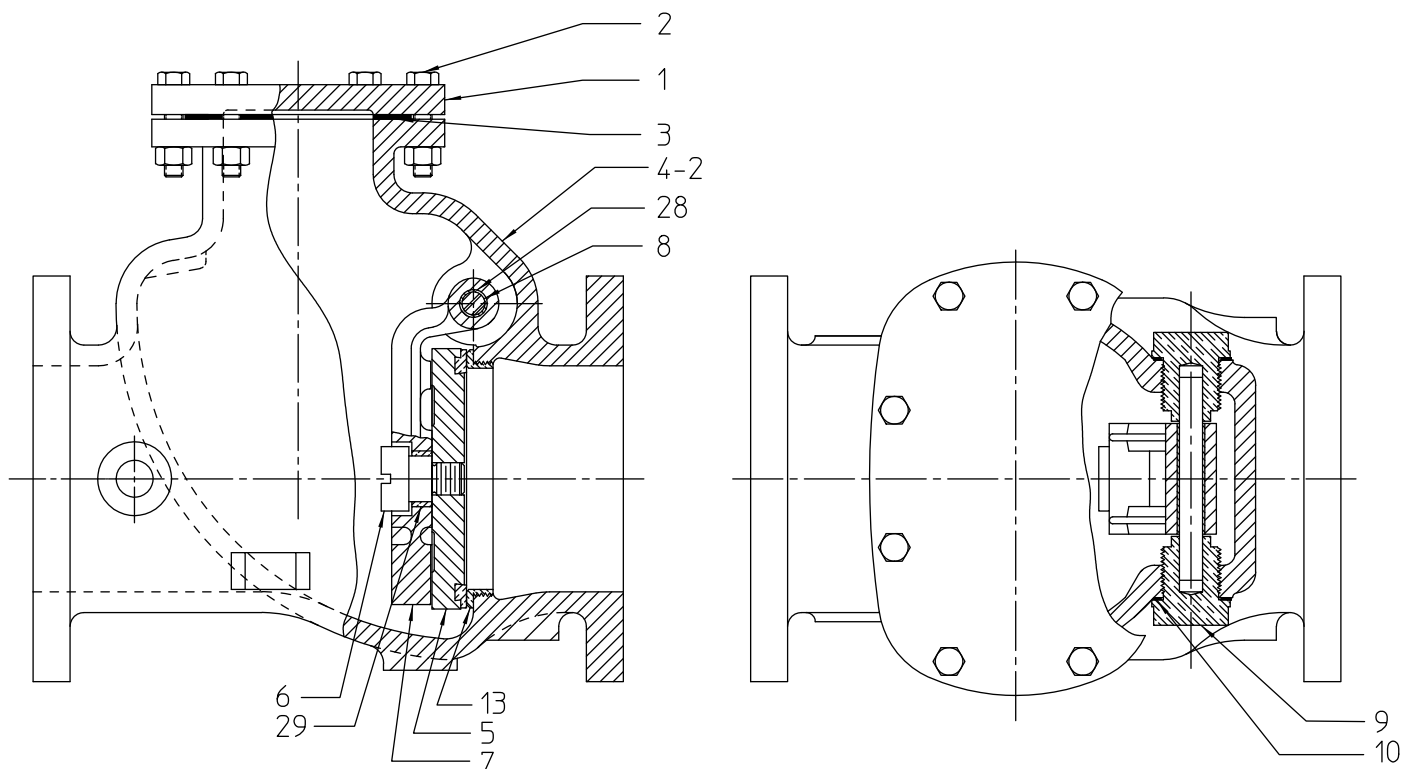
### 50 LINE - STANDARD

PART NO.	DESCRIPTION	3"	4"	6"	8"	10"	12"	14"	16"
1	Bonnet	\$ 73	\$ 105	\$ 188	\$ 281	\$ 382	\$ 544	\$ 602	\$ 672
2	Bonnet Bolt & Nut	(6) 5	(10) 5	(10) 5	(12) 7	(14) 7	(18) 7	(18) 7	(18) 7
3	Bonnet Gasket	7	7	8	15	25	33	40	48
*4-2	Flange Case	1,244	1,470	2,019	2,496	4,944	5,845	6,081	6,756
5	Disc with Stud	181	205	380	561	718	1,200	1,358	1,472
6	Disc Stud	73	77	94	126	145	339	362	386
**7	Clapper Arm with Bushings	106	146	226	298	375	846	906	951
8	Clapper Arm Shaft	25	39	43	88	100	146	158	169
9	Retainer Plug (2)	100	100	100	145	145	170	193	226
10	Retainer Plug Gasket (2)	4	4	4	5	5	5	7	7
13	Seat Ring	52	66	80	145	174	339	427	598
28	Shaft Bushing	27	29	32	33	36	40	43	45
29	Stud Bushing	19	19	23	27	33	81	86	92

\*Part No. 4-2 - Price includes Seat Ring, Part No. 13.

\*\*Part No. 7 - Price includes Shaft Bushing, Part No. 28 and Stud Bushing, Part No. 29.

NOTE: Numbers in parentheses indicate number required per valve.





## Check Valve Repair Parts - IBBM

### 50 LINE – LEVER AND WEIGHT

PART NO.	DESCRIPTION	3"	4"	6"	8"	10"	12"	14"	16"
1	Bonnet	\$ 73	\$ 105	\$ 188	\$ 281	\$ 382	\$ 544	\$ 602	\$ 672
2	Bonnet Bolt & Nut	(6) 5	(10) 5	(10) 5	(12) 7	(14) 7	(18) 7	(18) 7	(18) 7
3	Bonnet Gasket	7	7	8	15	25	33	40	48
*4-2	Flange Case	1,244	1,470	2,019	2,496	4,944	5,845	6,081	6,756
5	Disc with Stud	181	205	380	561	718	1,200	1,358	1,472
6	Disc Stud	73	77	94	126	145	339	362	386
**7-1	Clapper Arm with Bushing	106	146	226	298	375	846	906	951
8	Clapper Arm Shaft (if built since 2008)	105	108	120	177	205	706	725	770
***8-1	Clapper Arm Shaft Assembly	255	314	338	411	452	1,025	1,076	1,178
9	Retainer Plug	100	100	100	145	145	170	193	226
****9-1	Retainer Plug – Lever	108	108	108	156	156	214	235	262
10	Retainer Plug Gasket (2 Required)	4	4	4	5	5	5	7	7
13	Seat Ring	52	66	80	145	174	339	427	598
18	Lever for Weight (if built before 2008)	101	145	156	156	168	213	238	262
19	Shaft Pin (if built before 2008)	5	5	5	5	5	5	7	7
20	Shaft Key (if built before 2008)	7	7	7	8	8	15	20	20
25	Weight	52	52	104	154	314	351	362	374
26	O-Ring (2 Required)	4	5	5	5	5	7	7	7
27	Weight Set Screw	4	4	4	4	4	5	5	5
29	Stud Bushing	19	19	23	27	33	81	86	92
32-7	Grease Fitting	8	8	8	8	8	8	8	8
41	Lever for Weight (if built since 2008)	101	145	156	156	168	213	238	262
41-1	Lever Bolt	5	5	5	8	8	10	10	12
41-2	Lever Washer	2	2	2	2	2	4	4	5
49	Lever Set Screw (if built before 2008)	4	4	4	4	5	5	5	5
50	Octagon Nut (if built before 2008)	33	45	45	59	59	77	81	114

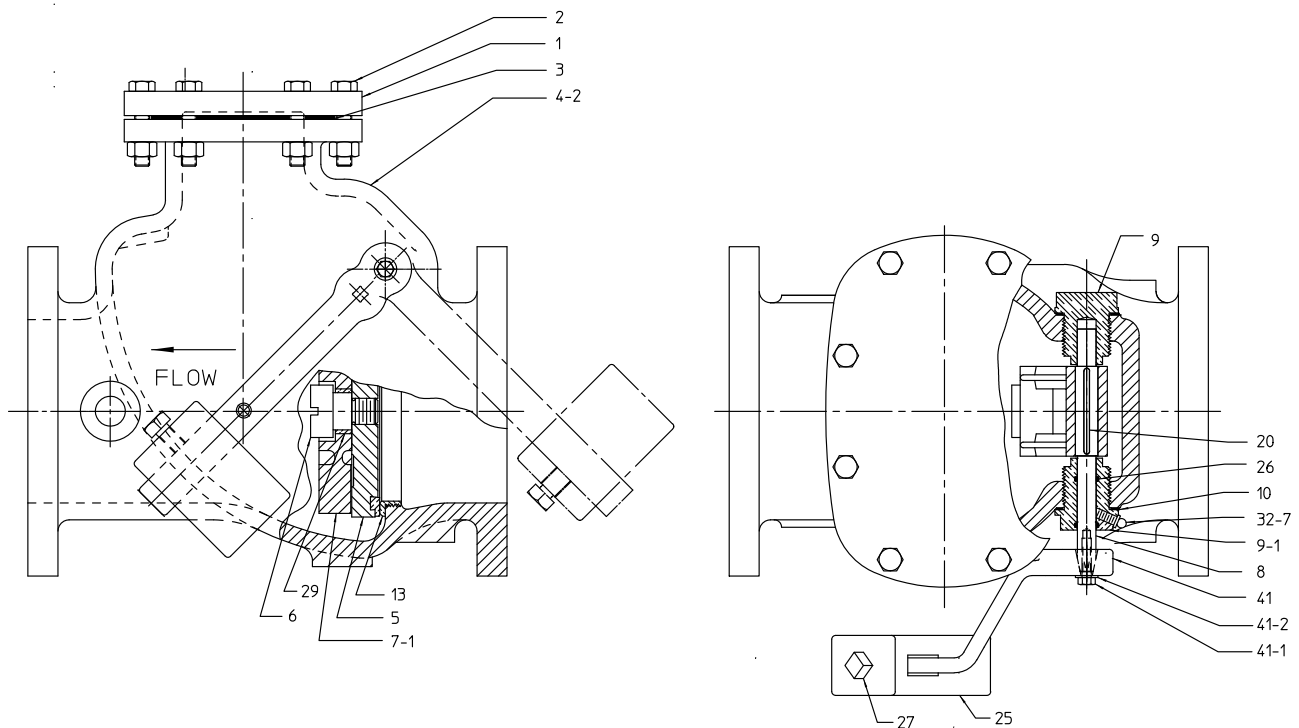
\*Part No. 4-2 – Price includes Seat Ring, Part No. 13.

\*\*Part No. 7-1 – Price includes Stud Bushing, Part No. 29.

\*\*\*Part No. 8-1 – Price includes the following parts: Clapper Arm Shaft, Part No. 8; Lever for Weight, Part No. 41; Shaft Key, Part No. 20; Lever Bolt, Part No. 41-1; Lever Washer, Part No. 41-2.

\*\*\*\*Part No. 9-1 – Price includes 2 O-Rings, Part No. 26, and Grease Fittings, Part No. 32-7.

**NOTE:** Numbers in parentheses indicate number required per valve.





## Check Valve Repair Parts - IBBM

### 50 LINE – LEVER AND SPRING

PART NO.	DESCRIPTION	3"	4"	6"	8"	10"	12"	14"	16"
1	Bonnet	\$ 73	\$ 105	\$ 188	\$ 281	\$ 382	\$ 544	\$ 602	\$ 672
2	Bonnet Bolt & Nut	(6) 5	(10) 5	(10) 5	(12) 7	(14) 7	(18) 7	(18) 7	(18) 7
3	Bonnet Gasket	7	7	8	15	25	33	40	48
*4-2	Flange Case	1,244	1,470	2,019	2,496	4,944	5,845	6,081	6,756
5	Disc with Stud	181	205	380	561	718	1,200	1,358	1,472
6	Disc Stud	73	77	94	126	145	339	362	386
**7-1	Clapper Arm with Bushing	106	146	226	298	375	846	906	951
8	Clapper Arm Shaft (if built since 2008)	105	108	120	177	205	706	725	770
***8-1	Clapper Arm Shaft Assembly	242	299	327	400	448	1,045	1,076	1,178
9	Retainer Plug	100	100	100	145	145	170	193	226
****9-1	Retainer Plug - Lever	108	108	108	156	156	214	235	262
10	Retainer Plug Gasket (2 Required)	4	4	4	5	5	5	7	7
13	Seat Ring	52	66	80	145	174	339	427	598
17	Lever for Spring (if built before 2008)	88	129	146	146	162	233	238	262
19	Shaft Pin (if built before 2008)	5	5	5	5	5	5	7	7
19-1	Spring Bracket Screw	4	5	5	5	7	7	7	7
20	Shaft Key (if built before 2008)	7	7	7	8	8	15	20	20
21	Spring Bracket	55	59	59	77	101	113	125	125
22	Spring Link	49	55	57	57	66	68	73	73
23	Link Nut (2 Required)	4	4	4	4	5	5	5	5
24	Spring	126	126	145	145	170	193	205	214
26	O-Ring (2 Required)	4	5	5	5	5	7	7	7
29	Stud Bushing	19	19	23	27	33	81	86	92
32-7	Grease Fitting	8	8	8	8	8	8	8	8
41	Lever for Spring (if built since 2008)	101	145	156	156	168	213	238	262
41-1	Lever Bolt	5	5	5	8	8	10	10	12
41-2	Lever Washer	2	2	2	2	2	4	4	5
49	Lever Set Screw (if built before 2008)	4	4	4	4	5	5	5	5
50	Octagon Nut (if built before 2008)	33	45	45	59	59	77	81	114

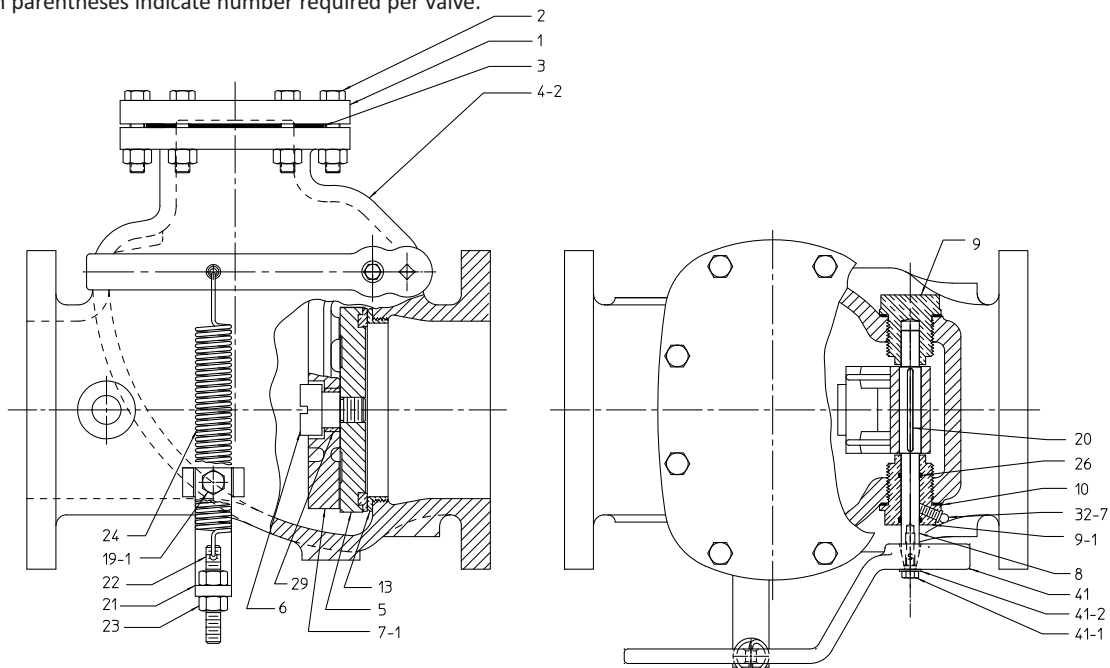
\*Part No. 4-2 – Price includes Seat Ring, Part No. 13.

\*\*Part No. 7-1 – Price includes Stud Bushing, Part No. 29.

\*\*\*Part No. 8-1 – Price includes the following parts: Clapper Arm Shaft, Part No. 8; Lever for Spring, Part No. 41; Shaft Key, Part No. 20; Lever Bolt, Part No. 41-1; Lever Washer, Part No. 41-2.

\*\*\*\*Part No. 9-1 – Price includes 2 O-Rings, Part No. 26, and Grease Fittings, Part No. 32-7.

**NOTE:** Numbers in parentheses indicate number required per valve.





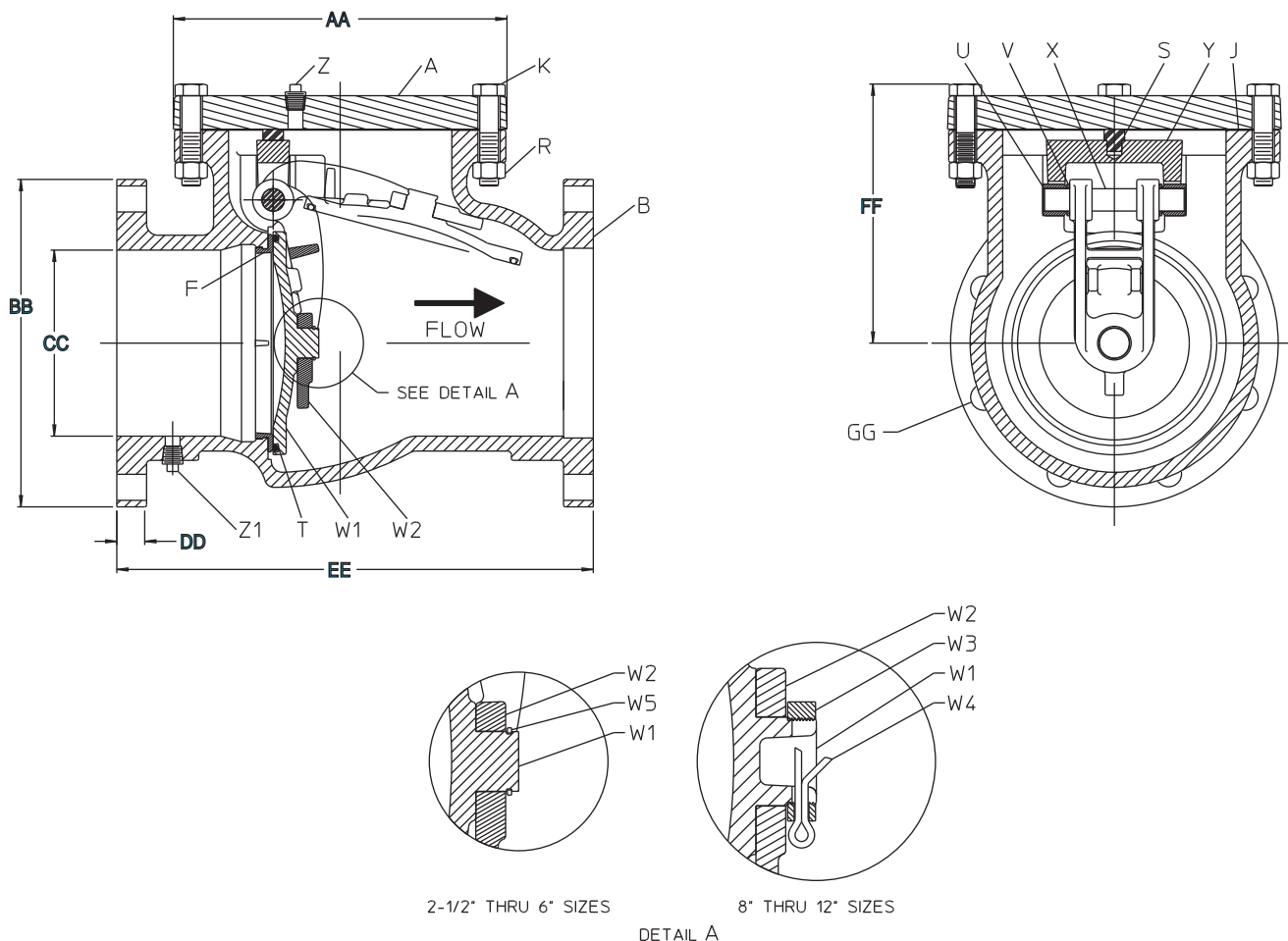
## Check Valve Repair Parts

### SERIES 600 – STANDARD

(PARTS ARE NO LONGER AVAILABLE FOR VALVES BUILT PRIOR TO 1968.)

REF NO.	DESCRIPTION	2½"	3"	4"	6"	8"	10"	12"
A	Cover	\$112	\$136	\$ 201	\$ 314	\$ 407	\$ 620	\$ 976
B	Valve Body with Seat Ring (F)	777	880	1,220	1,938	3,115	5,251	7,662
J	Cover Gasket	23	23	33	45	48	70	77
K/R	Bolt & Nut – Set	23	23	81	113	121	290	414
S	Bumper	13	13	13	13	13	13	13
T	O-Ring	19	19	25	48	68	92	205
U	Bushing – Set 2	48	48	48	81	81	105	105
V	Shim Washer	7	7	7	7	7	7	7
W1	Disc with T O-Ring	146	181	313	431	733	924	1,140
W2	Arm	121	136	181	301	364	431	488
W3	Lock Nut	–	–	–	–	25	25	32
W4	Cotter Pin	–	–	–	–	7	7	7
W5	Snap Ring	19	19	25	25	–	–	–
X	Shaft	77	77	77	92	120	161	211
Y	Yoke	36	36	45	64	70	81	105
Z	Pipe Plug	13	13	13	13	13	13	13
Z1	Pipe Plug	–	–	13	13	13	13	13

Parts are interchangeable with the Traverse City 6800 series.



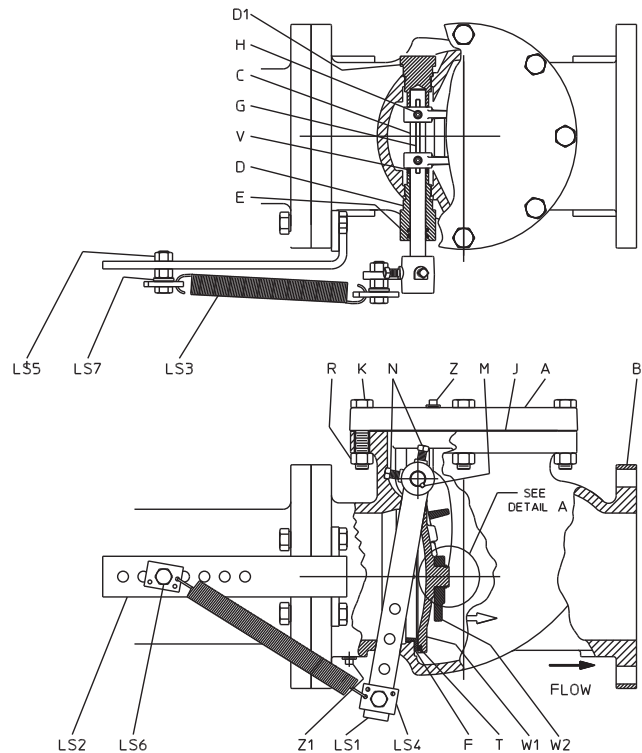
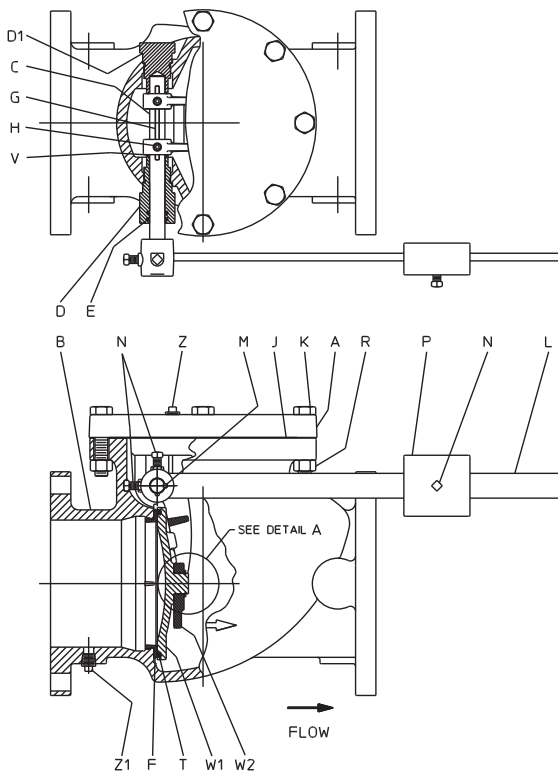


## Check Valve Repair Parts

**SERIES 600 – LEVER & WEIGHT OR LEVER & SPRING**  
 (PARTS ARE NO LONGER AVAILABLE FOR VALVES BUILT PRIOR TO 1968.)

REF NO.	DESCRIPTION	2½"	3"	4"	6"	8"	10"	12"
C	Shaft .....	\$113	\$165	\$165	\$227	\$227	\$274	\$306
D	Shaft Support .....	181	181	181	313	374	374	577
D1	Shaft Retainer .....	—	—	—	68	68	74	74
E	O-Ring .....	8	8	8	8	8	8	8
G	Arm Key .....	19	19	19	19	19	19	19
H	Soc. Head Set Screw .....	13	13	13	13	13	13	13
L	Weight Lever .....	145	145	145	156	156	156	156
M	Lever Key .....	13	13	13	13	13	13	13
N	Sq. Head Set Screw .....	12	12	12	12	12	12	12
P	Weight .....	80	80	80	80	80	80	80
LS1	Spring Lever .....	145	145	145	156	156	156	156
LS2	Bracket .....	145	194	199	245	245	245	245
LS3	Spring .....	80	80	80	80	80	80	80
LS4	Spring Plate .....	29	29	29	29	29	29	29
LS5/6	Hex Nut & Bolt .....	1	1	1	1	1	1	1
LS7	Spacer .....	7	7	7	7	7	7	7
	Lever & Weight Kit .....	154	154	154	165	165	165	165
	Lever & Spring Kit .....	346	346	346	375	424	448	448

Parts are interchangeable with the Traverse City 6800 series.





## Check Valve Options

### 50-LINE & SERIES 600 CHECK VALVE ADD FOR 304 S.S. BOLTING

SIZE	PRICE
3"-4"	\$ 43
6"	66
8"	93
10"	158
12"	218
14"	245
16"	274

### 50-LINE CHECK VALVE ADD FOR EPOXY COATING

SIZE	PRICE
3"	\$ 84
4"	164
6"	165
8"	170
10"	230
12"	309
14"	415
16"	548



## UL/FM Fire Hydrants - 5 1/4" Main Valve Opening

### AMERICAN-DARLING B84B OR B62B WITH 2-HOSE NOZZLES AND 1-PUMPER NOZZLE

DEPTH OF TRENCH	6" FLANGE BASE	6" MJ BASE L/ ACC	6" MJ BASE W/ ACC	6" TYTON BASE LESS GASKET	6" TYTON BASE W/ GASKET	* 6" FLANGE VERTICAL BASE
3'0" & Less	\$2,094	\$2,094	\$2,131	\$2,095	\$2,117	\$2,297
3' 6"	2,145	2,145	2,182	2,146	2,168	2,348
4' 0"	2,196	2,196	2,233	2,197	2,219	2,399
4' 6"	2,247	2,247	2,284	2,248	2,270	2,450
5' 0"	2,298	2,298	2,335	2,299	2,321	2,501
5' 6"	2,349	2,349	2,386	2,350	2,372	2,552
6' 0"	2,400	2,400	2,437	2,401	2,423	2,602
6' 6"	2,451	2,451	2,488	2,452	2,474	2,653
7' 0"	2,502	2,502	2,539	2,503	2,525	2,704
7' 6"	2,553	2,553	2,590	2,554	2,576	2,755
8' 0"	2,604	2,604	2,641	2,605	2,627	2,806
8' 6"	2,655	2,655	2,692	2,656	2,678	2,857
9' 0"	2,706	2,706	2,743	2,707	2,729	2,908
9' 6"	2,757	2,757	2,794	2,758	2,780	2,959
10' 0"	2,808	2,808	2,845	2,809	2,831	3,010
10' 6"	2,859	2,859	2,896	2,860	2,882	3,061
11' 0"	2,910	2,910	2,947	2,911	2,933	3,112
11' 6"	2,961	2,961	2,998	2,962	2,984	3,163

### WATEROUS PACER (WB67-250 & W67-250) WITH 2-HOSE NOZZLES AND 1-PUMPER NOZZLE

DEPTH OF TRENCH	6" FLANGE BASE	6" MJ BASE L/ ACC	6" MJ BASE W/ ACC	6" TYTON BASE LESS GASKET	6" TYTON BASE W/ GASKET	* 6" FLANGE VERTICAL BASE	6" PLAIN-END
3'0" & Less	\$2,094	\$2,094	\$2,131	\$2,095	\$2,117	\$2,297	\$2,131
3' 6"	2,145	2,145	2,182	2,146	2,168	2,348	2,182
4' 0"	2,196	2,196	2,233	2,197	2,219	2,399	2,233
4' 6"	2,247	2,247	2,284	2,248	2,270	2,450	2,284
5' 0"	2,298	2,298	2,335	2,299	2,321	2,501	2,335
5' 6"	2,349	2,349	2,386	2,350	2,372	2,552	2,386
6' 0"	2,400	2,400	2,437	2,401	2,423	2,602	2,437
6' 6"	2,451	2,451	2,488	2,452	2,474	2,653	2,488
7' 0"	2,502	2,502	2,539	2,503	2,525	2,704	2,539
7' 6"	2,553	2,553	2,590	2,554	2,576	2,755	2,590
8' 0"	2,604	2,604	2,641	2,605	2,627	2,806	2,641
8' 6"	2,655	2,655	2,692	2,656	2,678	2,857	2,692
9' 0"	2,706	2,706	2,743	2,707	2,729	2,908	2,743
9' 6"	2,757	2,757	2,794	2,758	2,780	2,959	2,794
10' 0"	2,808	2,808	2,845	2,809	2,831	3,010	2,845
10' 6"	2,859	2,859	2,896	2,860	2,882	3,061	2,896
11' 0"	2,910	2,910	2,947	2,911	2,933	3,112	2,947
11' 6"	2,961	2,961	2,998	2,962	2,984	3,163	2,998

Add for each 6" increase in Depth of Trench (up to 11'6") 5 1/4" Hydrant - \$51

\* Vertical entry bottom 6" flange (UL listed but not FM approved)

#### LIST ADDERS FOR ALL HYDRANTS

316 S.S. Base Bolts \$ 56

#### LIST ADDERS FOR B84B & B62B HYDRANTS

OP Nut Weathercap 28

#### LIST ADDERS FOR PACER HYDRANT

Bronze Piloted Upper Washer \$ 28

Traffic Sections Longer than 10" (per 6") 51

Vandalproof Shield 37

Vented Hose Caps (Each) 27

#### LIST DEDUCT FOR ALL HYDRANTS

Two Way - DD (No Pumper) \$221

#### NO CHARGE OPTIONAL FEATURES FOR PACER HYDRANT

Weathershield

One Piece Bronze OP Nut

Plugged Drains (UL listed but not FM approved)



## UL/FM Resilient Wedge Valves

### AFC SERIES 2500 DUCTILE IRON VALVE

2" thru 12" - 250 PSI Water Working Pressure

14" thru 16" - 200 PSI Water Working Pressure

18" - 175 PSI Water Working Pressure

#### NON-RISING STEM (NRS) WITH INDICATOR POST FLANGE

SIZE	MODEL	THREADED (SS)	FLANGED (FF)	FLANGE X MJ LESS ACC. (FM)	FLANGE X MJ W/MJ ACC. (FM)	MECH. JNT. LESS ACC. (MM)	MECH. JNT. W/MJ ACC. (MM)	250# RF FLANGED
2½"	2525	\$572	\$ 567	-	-	-	-	-
3"	2503	657	649	-	-	\$ 654	\$ 677	\$1,511
4"	2504	-	710	\$ 689	\$ 726	715	756	1,690
6"	2506	-	905	877	912	877	940	1,864
8"	2508	-	1,342	1,297	1,348	1,319	1,390	2,443
10"	2510	-	2,055	1,984	2,046	1,984	2,089	3,886
12"	2512	-	2,455	2,369	2,499	2,476	2,606	4,349
14"	2514	-	7,380	7,380	7,585	7,380	7,791	-
16"	2516	-	7,994	7,994	8,218	7,994	8,442	-
**18"	2518	-	13,002	13,002	13,402	13,002	13,801	-

#### NON-RISING STEM (NRS) WITH INDICATOR POST FLANGE

SIZE	MODEL	FLG. X TYTON W/TY GASKET (TF)	TYTON W/GASKETS (TT)	PUSH-ON W/GASKETS (PO)	TAPPING VALVE FLG. X MJ LESS MJ ACC. (TM)	TAPPING VALVE FLG. X MJ W/MJ ACC. (TM)
4"	2504-1	\$ 735	\$ 768	-	\$ 868	\$ 911
6"	2506-1	930	954	-	1,172	1,213
8"	2508-1	1,388	1,444	-	1,678	1,737
10"	2510-1	2,097	2,139	-	2,464	2,535
12"	2512-1	2,550	2,644	-	3,655	3,806
14"	2514	-	-	\$8,203	8,224	8,429
16"	2516	-	-	8,356	9,308	9,554
**18"	2518	-	-	-	15,369	15,768

#### OS&Y VALVES

SIZE	MODEL	THREADED (SS)	FLANGED (FF)	250# RF FLANGED	ADD FOR 316 S.S. BOLTING	
2"	2502	\$456	\$456	-	2" 4"	\$ 82
2½"	2525	572	572	-	6"	110
3"	2503	666	666	1,583	8"	130
4"	2504	-	763	1,788	10"	150
6"	2506	-	991	2,000	12"	182
8"	2508	-	1,514	2,685	14"	307
10"	2510	-	2,225	4,070	16"	489
12"	2512	-	2,897	4,906	18"	726

Add for each valve body tap ..... \$37

See page 83 for tap locations and size

#### NOTES:

1. Deduct \$130 if Indicator Post Flange is not required on NRS valves.
2. Handwheel operated NRS valves are not UL listed or FM approved.
3. Valves opening right are not UL listed or FM approved.
4. All flanges are 125 lb. standard.
5. Stainless Steel (Customer) Tagging - \$35
6. \*\*18" valves are UL listed but not FM approved.





## UL Swing Check Valves 3" thru 12" - 175 PSI Water Working Pressure

### SERIES 600 SWING CHECK VALVES – WATEROUS STANDARD O-RING SEATED DISC

SIZE	FLANGED ENDS
3"	\$ 847
4"	1,052
6"	1,532
8"	2,170
10"	3,800
12"	6,555

Valves are equipped with O-Ring Seat in the Disc.



## Indicator Posts

### IP-71 INDICATOR POSTS

MODEL	VALVE SIZE					LIST PRICE
	3" & 4" TRENCH DEPTH	6" TRENCH DEPTH	8" TRENCH DEPTH	10" TRENCH DEPTH	12" TRENCH DEPTH	
1A	2.0-3.0	2.0-3.5	2.5-4.0	3.0-4.5	3.5-4.5	\$899
2A	3.5-5.0	4.0-5.5	4.5-6.0	5.0-6.5	5.0-6.5	899
3A	5.5-7.0	6.0-7.5	6.5-8.0	7.0-8.5	7.0-8.5	1,038
4A	7.5-9.0	8.0-9.5	8.5-10.0	9.0-10.5	9.0-10.5	1,121
5A	9.5-11.0	10.0-11.5	10.5-12.0	11.0-12.5	11.0-12.5	1,202
6A	11.5-13.0	12.0-13.5	12.5-14.0	13.0-14.5	13.0-14.5	1,284
7A	13.5-15.0	14.0-15.5	14.5-16.0	15.0-16.5	15.0-16.5	1,367
8A	15.5-17.0	16.0-17.5	16.5-18.0	17.0-18.5	17.0-18.5	1,448

MODEL	VALVE SIZE			LIST PRICE
	14" TRENCH DEPTH	16" TRENCH DEPTH	18" TRENCH DEPTH	
1B	4.0-5.0	4.5-5.5	4.5-6.0	\$899
2B	5.5-7.0	6.0-7.5	6.5-8.0	899
3B	7.5-9.0	8.0-9.5	8.5-10.0	1,038
4B	9.5-11.0	10.0-11.5	10.5-12.0	1,121
5B	11.5-13.0	12.0-13.5	12.5-14.0	1,202
6B	13.5-15.0	14.0-15.5	14.5-16.0	1,284
7B	15.5-17.0	16.0-17.5	16.5-18.0	1,367
8B	17.5-19.0	18.0-19.5	18.5-20.0	1,448

If Handwheel is required, add \$78.

### WATEROUS

MODEL	DESCRIPTION	LIST PRICE
A240	Underground Post Indicator Assembly: 3'0" to 6'0" .....	\$1,163
	6'6" to 8'6" .....	1,285
	9'0" to 15'0" .....	1,508
	15'6" to 18'6" .....	1,732
A278	Flanged Base Post Indicator Assembly:	
	6'0' with A190 Coupling for NRS Valve .....	983
	Add for each additional 6" over 6'0" .....	19
	Below for OS&Y Valve:	
	Add for A193-1 Coupling in lieu of A190 Coupling (2½"-4") .....	185
Add for A193-2 Coupling in lieu of A190 Coupling (6" & 8") .....	246	
Add for A193-3 Coupling in lieu of A190 Coupling (10" & 12") .....	559	

A240 is for buried valves; A278 is floor mounted.

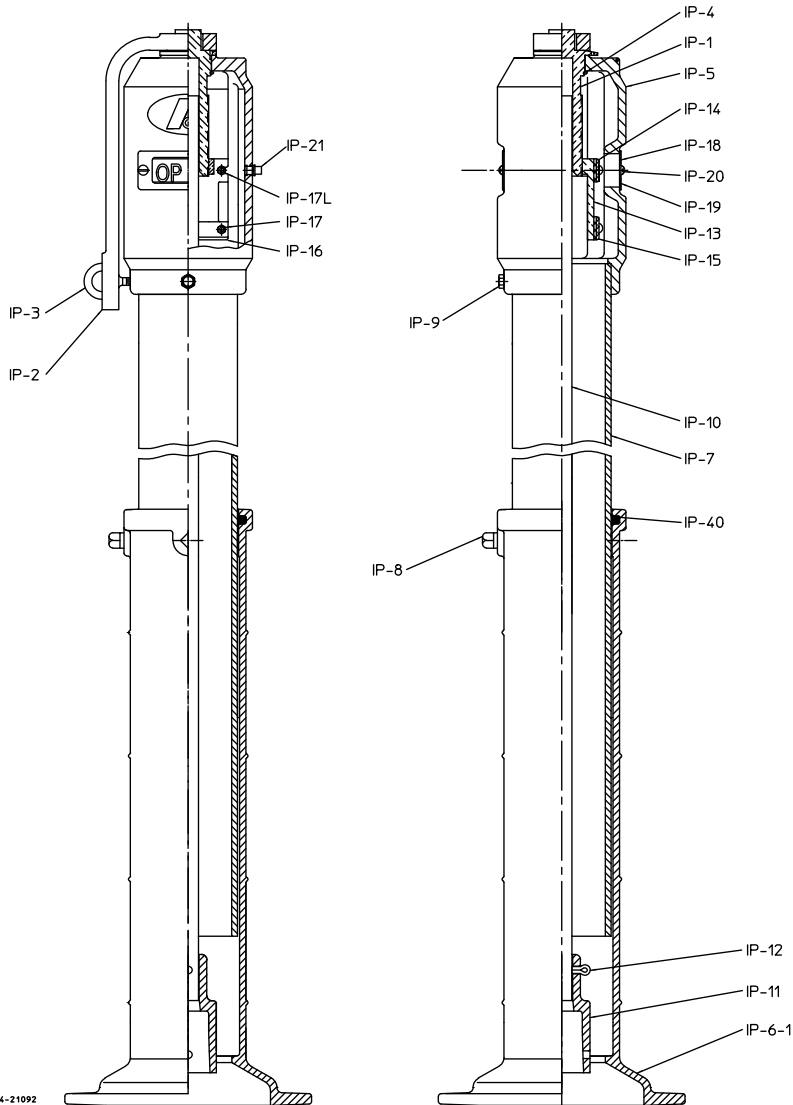


## IP-71 Indicator Post Parts

PART NO.	NO. REQ'D	DESCRIPTION	PRICE
†IP-1	1	Operating Stem Nut	\$304
IP-2	1	Operating Wrench	61
†IP-2-1		Handwheel (14" diameter)	133
IP-3	1	Eye Bolt	39
IP-4	1	Retaining Ring	23
†IP-5	1	Complete Head Assembly	426
IP-6-1	1	Base	319
IP-7	1	Barrel for Model 1A, 2A, 3A	175
		for Model 4A, 5A, 6A	218
		for Model 7A, 8A	260
IP-8	2	Set Screw	19
IP-9	1	Hex Head Bolt	5
IP-10	1	Rod for Model 1A, 2A, 3A, 1B, 2B, 3B	138
		for Model 4A, 5A, 6A, 4B, 5B, 6B	158
		for Model 7A, 8A, 7B, 8B	180

PART NO.	NO. REQ'D	DESCRIPTION	PRICE
IP-11	1	Indicator Rod Coupling	\$ 64
IP-12	2	Cotter Pin	4
†IP-13	1	Target Carrier	181
IP-14	2	Target Plate – Open	20
IP-15	2	Target Plate – Shut	20
IP-16	2	Target Plate Clamp	43
IP-17	7	Target Screw and Nut	5
IP-17-L	1	Target Screw and Nut (Long)	8
IP-18	2	Window	20
IP-19	2	Ferrule	80
IP-20	4	Ferrule Screw	5
	4	Base Bolt & Nut	7
IP-21	1	Pipe Plug	5
IP-40	1	O-Ring	24

†When ordering Part Nos. IP-1, IP-2-1, IP-5 & IP-13, you must state valve size and direction of opening.





## Indicator Post Parts - Waterous

(All parts are interchangeable with TC posts built after 1967.)

REF. NO.	SEE NOTE	DESCRIPTION	PRICE
1	1	Post Assembly – Includes 1A thru 13	\$934
1A		Post	834
1B		Window	19
1C		Window Gasket	8
1D		Round Head Screw, 1/4 - 20 x 1/2" (2 required)	2
1E		Square Head Set Screw, 3/4 - 10	7
1J		Pipe Plug, 1/2	2
4	2	Cover Assembly – Includes 4A thru 4K & 4M	420
4A	2	Cover	36
4B		Open Plate	8
4C		Shut Plate	8
4D		Round Head Screw, 1/4 - 20 x 1/2" - O/L	2
4E		Indicator Slide	88
4F		Indicator Screw	192
4G		Lock Nut	36
4H		Set Screw, 1/4 - 20	2
4J		Flat Head Screw, 10 - 24 x 1/2"	2
4K		Round Head Screw, 1/4 - 20 x 1" - O/R	2
4L	2	Indicator Sub-Assembly – Includes 4B, 4C, 4D, 4E, 4K	122
4M		Bushing	8
5	2	Handwheel	136
6/7		Eye Bolt & Washer	59
8		Hex Head Bolt, 1/2 - 13 x 2 1/2"	8
9		Hex Head Bolt, 1/2 - 13 x 2 1/2"	8
10		Hex Nut, 1/2 - 13	2
13		Wrench	68
15	4	Bottom Assembly – Includes 15A, 15B, 15C – 6'0" . . . 665 Add for each additional 6" . . . . . 32	
15A		Spring Pin (4 required)	4
16	3	Rod Assembly – Includes 16A thru 16D	253
16A	3	Rod, 1" Square	158
16B		Cotter Pin, 1/4 x 3"	8
16C		Cotter Pin, 1/4 x 3 3/4"	8
16D		Coupling (A286)	77
30/31		Hex Head Bolt and Nut - 1 each	2
L1033		Consists of Four Each of #30/31	8

**NOTES:** Please include the following information when ordering.  
 1. Valve size; direction of opening; wrench or handwheel.  
 2. Direction of opening.  
 3. Length.  
 4. Specify length. (Note: 15A & 15B cannot be purchased separately.)

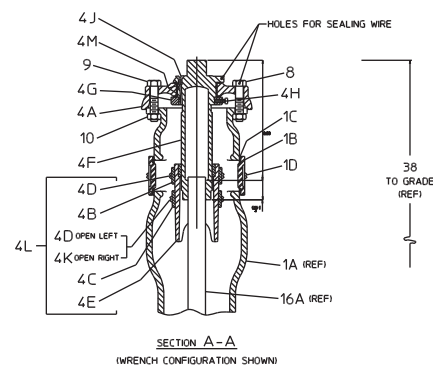
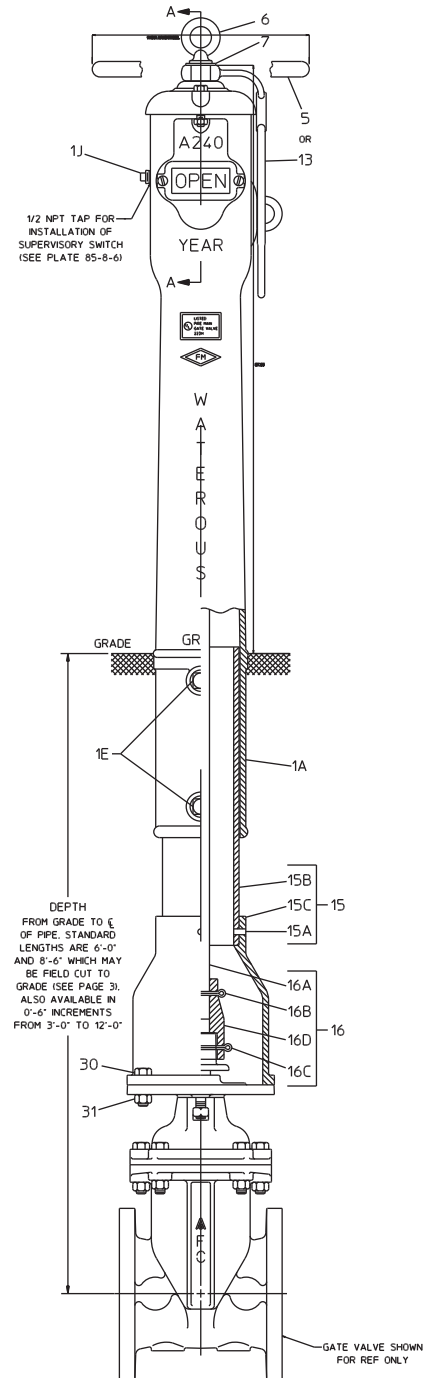
### ACCESSORIES

REF. NO.	DESCRIPTION	PRICE
A190	Coupling (Teardrop), NRS	\$100
A192	Coupling (Welded, 2'6" Long), NRS	108
A193-1	Coupling for OS&Y Valves – 2 1/2" thru 4"	325
A193-2	Coupling for OS&Y Valves – 6" & 8"	399
A193-3	Coupling for OS&Y Valves – 10" & 12"	778
A283	Wall Frame for A280 Post Indicator	587
A284	Backing Ring	105
	Stainless Steel Mirror for Wall Post – Pair	68
A286	Coupling	77

Accessories are considered parts and are priced accordingly. Discount is different if sold as –complete post and valve assembly.

### A241 UNDERGROUND POST INDICATOR EXTENSIONS

SIZE	POST ASSY	ROD WITH COUPLING	COUPLING W/SCREWS (27B)	COMPLETE
12"	\$339	\$205	\$41	\$690
Add for each addl 6"	36	9	-	57





## Trench Adapter

	MODEL #1	MODEL #2	MODEL #3	MODEL #4	MODEL #5	MODEL #6	MODEL #7	MODEL #8	MODEL #9
With Iron Lid & Iron Top	\$266	\$266	\$266	\$277	\$302	\$334	\$403	\$583	\$692
With Iron Lid & Iron Top Less Extension Stem	\$192	\$192	\$192	\$207	\$215	\$229	\$253	\$415	\$583

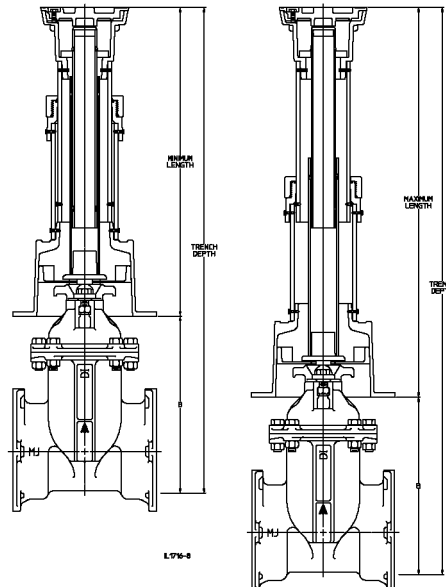
Optional Accessories: 2" Top Extension ..... \$43

VALVE SIZE	TRENCH DEPTH AND MODEL NUMBER																				
	2'0"	2'6"	3'0"	3'6"	4'0"	4'6"	5'0"	5'6"	6'0"	6'6"	7'0"	7'6"	8'0"	8'6"	9'0"	9'6"	10'0"	10'6"	11'0"	11'6"	12'0"
2"	1	2	3,4	4	5	5	6	6	6	6	7	7	7	7	7	7	7	7	7	8	8
2½"	–	2	3	4	5	5	5,6	6	6	6	6,7	7	7	7	7	7	7	7	7	8	8
3"	–	2	2,3	4	5	5	5,6	6	6	6	6,7	7	7	7	7	7	7	7	7	8	8
4"	–	1	3	4	4,5	5	5,6	6	6	6	6	7	7	7	7	7	7	7	7	8	8
6"	–	–	2	3	4	5,4	5	5,6	6	6	6	6	7	7	7	7	7	7	7	7	8
8"	–	–	–	2	3,4	4	5	5	6	6	6	6	6	7	7	7	7	7	7	7	7
10"	–	–	–	1	2	3,4	4	5	5	6	6	6	6	7	7	7	7	7	7	7	7
12"	–	–	–	–	1	3	4,3	4,5	5	5	6	6	6	6	7	7	7	7	7	7	7
14"	–	–	–	–	–	–	–	3	4	5	5	5	6	6	6	6	7	7	7	7	7
16"	–	–	–	–	–	–	–	–	3,4	4	5	5	6	6	6	6	7	7	7	7	7

VALVE SIZE	TRENCH DEPTH AND MODEL NUMBER															
	12'6"	13'0"	13'6"	14'0"	14'6"	15'0"	15'6"	16'0"	16'6"	17'0"	17'6"	18'0"	18'6"	19'0"	19'6"	20'0"
2"	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	–
2½"	8	8	8	8	8	8	8,9	9	9	9	9	9	9	9	9	–
3"	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	–
4"	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9
6"	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9
8"	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9
10"	7	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9
12"	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9
14"	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9
16"	7	7	7	7	8	8	8	8	8	8	8	8	9	9	9	9

Where two model numbers are shown for a given valve/trench combination, use the dimensions in the tables below to select the best fit.

MODEL NUMBER	LENGTH	
	MIN.	MAX.
1	18.25	20.25
2	22.25	28.25
3	24.75	32.50
4	29.75	40.50
5	37.75	56.50
6	49.75	80.50
7	73.75	128.50
8	127.75	179.75
9	178.75	230.75



VALVE SIZE	DIMENSION "B"
2"	4.75
2½"	7.00
3"	8.13
4"	9.25
6"	13.50
8"	18.25
10"	23.00
12"	27.50
14"	36.50
16"	41.00



## Retrofit Valve Box Insert

	MODEL #0A	MODEL #2A	MODEL #3A	MODEL #4A	MODEL #5A	MODEL #6A	MODEL #7A	MODEL #8A	MODEL #9A
With Iron Lid & Iron Top	-	\$266	\$266	\$277	\$290	\$326	\$384	\$406	\$565
With Iron Lid & Iron Top Less Extension Stem	186	-	-	-	-	-	-	-	-

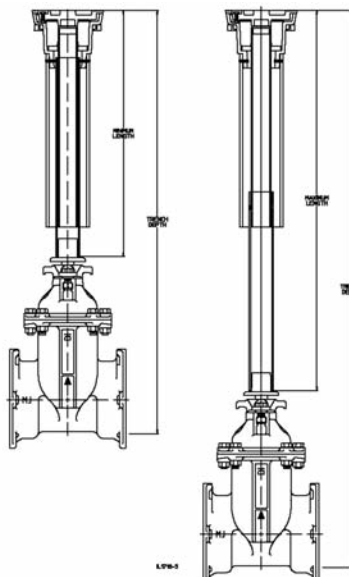
**Optional Accessories:** 2" Top Extension ..... \$43

VALVE SIZE	TRENCH DEPTH AND MODEL NUMBER																			
	2'0"	2'6"	3'0"	3'6"	4'0"	4'6"	5'0"	5'6"	6'0"	6'6"	7'0"	7'6"	8'0"	8'6"	9'0"	9'6"	10'0"	10'6"	11'0"	11'6"
2"	-	2A	3A,4A	4A	5A	5A	6A	6A	6A	6A	7A	7A	7A	7A	7A	7A	7A	7A	7A	8A
2½"	-	2A	3A	4A	5A	5A	5A,6A	6A	6A	6A	6A,7A	7A	7A	7A	7A	7A	7A	7A	7A	8A
3"	-	2A	2A,3A	4A	5A	5A	5A,6A	6A	6A	6A	6A,7A	7A	7A	7A	7A	7A	7A	7A	7A	8A
4"	-	-	3A	4A	4A,5A	5A	5A,6A	6A	6A	6A	6A	7A	7A	7A	7A	7A	7A	7A	7A	8A
6"	-	-	2A	3A	4A	4A,5A	5A	5A,6A	6A	6A	6A	6A	7A	7A	7A	7A	7A	7A	7A	7A
8"	-	-	-	2A	3A,4A	4A	5A	5A	6A	6A	6A	6A	6A	7A	7A	7A	7A	7A	7A	7A
10"	-	-	-	-	2A	3A,4A	4A	5A	5A	6A	6A	6A	6A	7A	7A	7A	7A	7A	7A	7A
12"	-	-	-	-	-	3A	3A,4A	4A,5A	5A	5A	6A	6A	6A	6A	7A	7A	7A	7A	7A	7A
14"	-	-	-	-	-	-	-	3A	4A	5A	5A	5A	6A	6A	6A	6A	7A	7A	7A	7A
16"	-	-	-	-	-	-	-	-	3A,4A	4A	5A	5A	6A	6A	6A	6A	7A	7A	7A	7A

VALVE SIZE	TRENCH DEPTH AND MODEL NUMBER																		
	12'0"	12'6"	13'0"	13'6"	14'0"	14'6"	15'0"	15'6"	16'0"	16'6"	17'0"	17'6"	18'0"	18'6"	19'0"	19'6"	20'0"		
2"	8A	8A	8A	8A	8A	8A	8A	9A	9A	9A	9A	9A	9A	9A	9A	9A	-		
2½"	8A	8A	8A	8A	8A	8A	8A	8A,9A	9A	9A	9A	9A	9A	9A	9A	9A	-		
3"	8A	8A	8A	8A	8A	8A	8A	8A	9A	9A	9A	9A	9A	9A	9A	9A	-		
4"	8A	8A	8A	8A	8A	8A	8A	8A	9A	9A	9A	9A	9A	9A	9A	9A	9A		
6"	8A	8A	8A	8A	8A	8A	8A	8A	8A	9A	9A	9A	9A	9A	9A	9A	9A		
8"	7A	8A	8A	8A	8A	8A	8A	8A	8A	8A	9A	9A	9A	9A	9A	9A	9A		
10"	7A	7A	8A	8A	8A	8A	8A	8A	8A	8A	9A	9A	9A	9A	9A	9A	9A		
12"	7A	7A	7A	8A	8A	8A	8A	8A	8A	8A	8A	9A	9A	9A	9A	9A	9A		
14"	7A	7A	7A	7A	8A	8A	8A	8A	8A	8A	8A	8A	8A	9A	9A	9A	9A		
16"	7A	7A	7A	7A	7A	8A	8A	8A	8A	8A	8A	8A	8A	9A	9A	9A	9A		

Where two model numbers are shown for a given valve/trench combination, use the dimensions in the table below to select the best fit.

MODEL NUMBER	LENGTH	
	MIN.	MAX.
2A	19.00	24.00
3A	23.50	31.50
4A	27.50	39.50
5A	35.50	55.50
6A	47.50	79.50
7A	71.50	127.50
8A	122.75	178.75
9A	173.75	229.75





## Trench Adapter Extensions

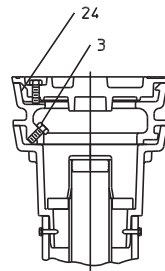
LENGTH	LIST PRICE
2"	\$ 43
6"	136
12"	161
18"	169
24"	177

Subject to parts discount.

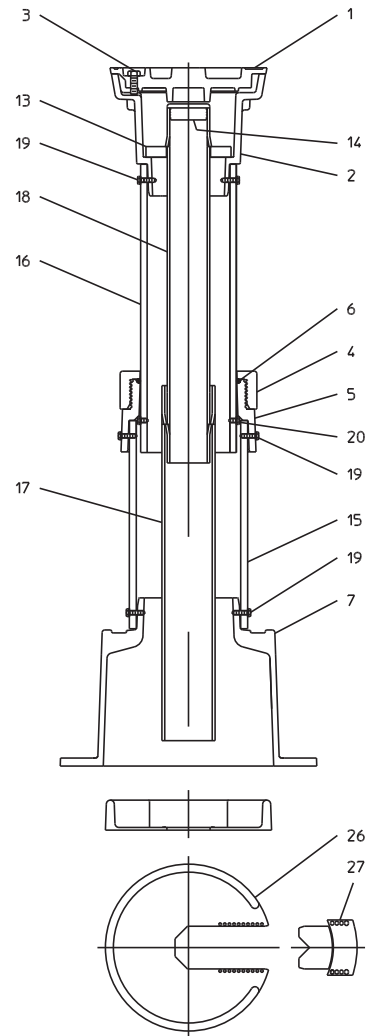


## Trench Adapter Repair Parts

REF. NO.	DESCRIPTION	PRICE
1	Lid	\$68
2	Top (Ductile Iron)	85
3	Locking Bolt	11
4	Reducer Coupling Gland	13
5	Reducer Coupling	27
6	O-Ring	20
7	Base	59
13	Grit Washer	*
14	Cap	13
17	Lower Stem	*
18	Upper Stem	*
*	Stem Assembly—Includes Upper & Lower Stem, Grit Washer & Cap	
	For Model #1	85
	For Model #2	92
	For Model #3	101
	For Model #4	110
	For Model #5	129
	For Model #6	149
	For Model #7	194
	For Model #8	240
	For Model #9	375
19	Screw (8 required)	5
20	Screw (2 required)	5
26	Alignment Ring	43
27	Sliding Adjuster	Included with #26



OPTIONAL 2 INCH TOP EXTENSION FOR HEIGHT ADJUSTMENT AFTER PAVING



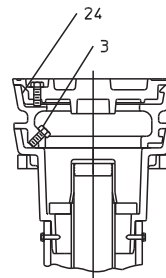
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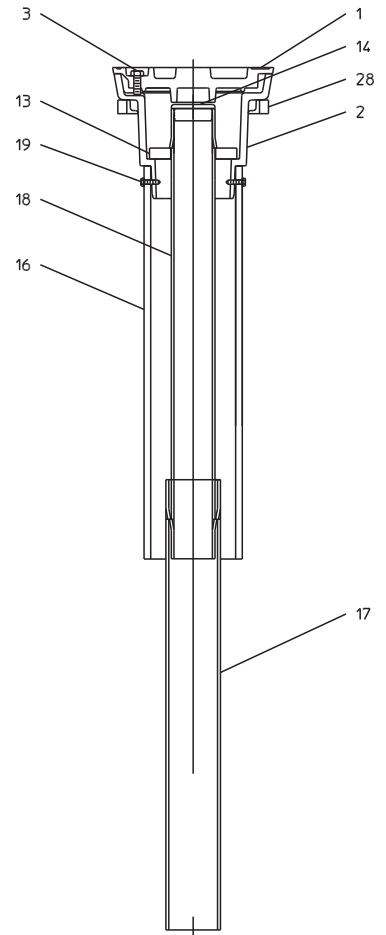


## Retrofit Valve Box Insert Repair Parts

REF. NO.	DESCRIPTION	PRICE
1	Lid	\$68
2	Top (Ductile Iron)	85
3	Locking Bolt	11
13	Grit Washer	*
14	Cap	13
17	Lower Stem	*
18	Upper Stem	*
*	Stem Assembly – Includes Upper & Lower Stem, Grit Washer & Cap	
	For Model #1	85
	For Model #2	92
	For Model #3	101
	For Model #4	110
	For Model #5	129
	For Model #6	149
	For Model #7	194
19	Screw (4 required)	4
28	Top Spacer	7



OPTIONAL 2 INCH TOP EXTENSION FOR HEIGHT ADJUSTMENT AFTER PAVING





## Accessories

### MECHANICAL JOINT ACCESSORY KITS FOR VALVES PRICES ARE PER JOINT

SIZE	MJ WITH STANDARD GASKET W/STD BOLTS	MJ WITH TRANSITION GASKET W/STD BOLTS	MJ WITH RETAINER GLAND W/STD BOLTS
2"	\$23	\$33	–
3"	40	52	92
4"	40	52	93
6"	59	70	113
8"	68	80	126
10"	92	101	194
12"	173	184	290

### GASKETS

SIZE	PVC	TRANSITION	TYTON
2"	\$8	\$8	–
2½"	19	–	–
3"	20	13	–
4"	23	15	\$21
6"	25	20	25
8"	32	32	32
10"	–	36	43
12"	–	45	48



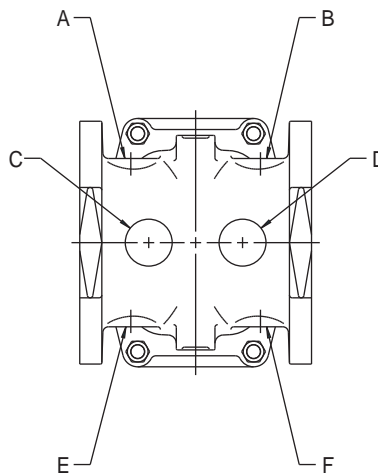
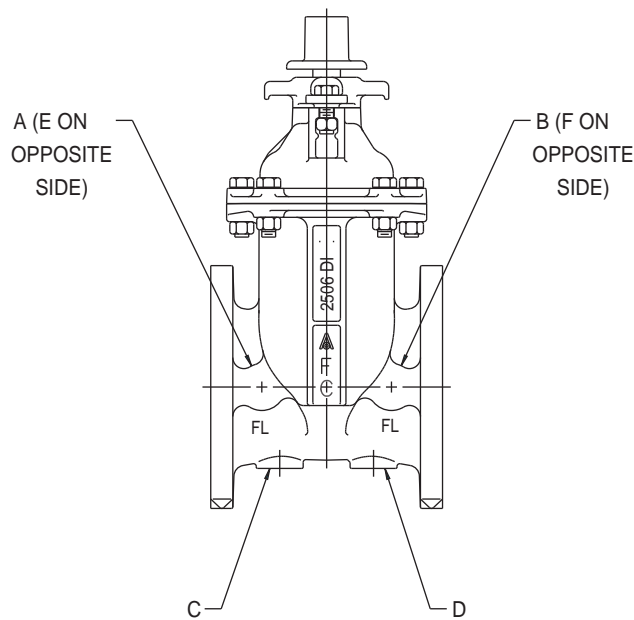
## Series 2500 Resilient Wedge Valve Body Tap Locations

SIZE	MAX TAP SIZE FOR BOSSES A, B, C, D, E & F
2", 2½" & 3"	¾" NPT
4" - 24"	1" NPT

**NOTES:**

1. Valve body tap locations are in accordance with MSS SP-45.
2. Taps are available on both class 125 and class 250 flanged bodies.

Add \$37.00 per tap to list price of valve.



LOCATION OF POSSIBLE TAPS  
ON FLANGE X FLANGE VALVES



## Chainwheels & Chains/Valve Wrench

### CHAINWHEELS & CHAINS

CHAINWHEEL SIZE	DIAMETER HANDWHEEL CHAINWHEEL WILL FIT	AWWA GATE VALVE SIZE	*PRICE CHAINWHEEL	**PRICE CHAIN PER FOOT
2	7¾" to 9"	2", 2½", 3"	\$ 225	\$4
2½	9¼" to 12½"	4", 6"	327	5
3	12¾" to 15½"	8"	388	5
3½	15¾" to 19"	10", 12"	548	5
4	19¼" to 22"	14", 16", 18"	1,010	7
5	26¼" to 30"	20", 24"	1,250	8

\*Chainwheel includes chain guide.

\*\*Overall length is figured at 5' plus twice the distance from the centerline of the chainwheel to the bottom of chain.

### VALVE WRENCH (T-HANDLE KEY)

Lengths up to 5' \$180

For each additional 6" or fraction, add \$17

Price subject to same discount as valve.



## Weight Chart-Fire Hydrants

DEPTH OF TRENCH	4½" MARK 73 / 5¼" B-84-B 2 HOSE & 1 PUMPER 6" MJ BASE LESS ACC.	5¼" B-62-B / 6" B-84-B 2 HOSE & 1 PUMPER 6" MJ BASE LESS ACC.
3'6"	325#	390#
4'0"	345#	410#
4'6"	365#	430#
5'0"	385#	450#

Add or Deduct for each  
6" variance in trench                      20#    20#

**ADD FOR:**

4" Flange Base .....5#  
 6" Flange Base .....30#  
 6" MJ Accessories .....10#  
 8" MJ Accessories .....13#  
 B-62-B:  
 8" MJ Base .....57#  
 8" Flange Base .....60#  
 B-84-B:  
 8" MJ Base .....37#

**SUBTRACT FOR:**

2 Hose Nozzles Only .....25#

DEPTH OF TRENCH	TREND 2 HOSE & 1 PUMPER 6" MJ BASE LESS ACC. WB77-1	PACER 2 HOSE & 1 PUMPER 6" MJ BASE LESS ACC. WB67-250	CLASSIC PACER 2 HOSE & 1 PUMPER 6" MJ BASE LESS ACC.
3'6"	392#	392#	404#
4'0"	413#	413#	425#
4'6"	433#	433#	435#
5'0"	454#	454#	466#
5'6"	473#	473#	485#
6'0"	495#	495#	507#
6'6"	515#	515#	527#
7'0"	536#	536#	548#
7'6"	556#	556#	568#
8'0"	577#	577#	589#
8'6"	597#	597#	609#
9'0"	618#	618#	630#
9'6"	638#	638#	650#
10'0"	659#	659#	671#
Deduct for DD (2 Hose)	11#	11#	N/A

**NOTE FOR PACER:**

16" Breakoff Section – Use Weight for 6" Longer Hydrant  
 22" Breakoff Section – Use Weight for 12" Longer Hydrant

**ADD FOR:**

4" MJ Accessories .....11#  
 6" MJ Accessories .....17#

**SUBTRACT FOR:**

Modernization .....180#



## Weight Chart-Hydrant Extension Kits

### GROUNDLINE EXTENSION KIT

LENGTH	4½" MK-73 5¼" B-84-B	5¼" B-62-B 6" B-84-B	4" & 4½" B-50-B	5" B-50-B 6¼" B-62-B	6" B-50-B	4¾" TREND (WB77) K479	5¼" PACER/4¾" TREND (WB77-1) K562/K563
6"	41#	53#	51#	72#	82#	33#	41#
12"	59#	76#	74#	98#	119#	46#	62#
18"	73#	102#	95#	128#	151#	59#	83#
24"	88#	121#	118#	148#	185#	72#	104#
30"	115#	148#	139#	172#	217#	85#	125#
36"	135#	173#	161#	197#	252#	98#	146#

### "QUIK-FIX" GROUNDLINE EXTENSION KIT

LENGTH	5¼" B-62-B	6¼" B-62-B	4" & 4½" B-50-B	5" B-50-B
6"	49#	72#	46#	72#
12"	71#	89#	68#	89#
18"	94#	125#	89#	125#
24"	118#	153#	115#	153#
30"	141#	180#	138#	180#
36"	164#	207#	161#	207#

### BASE EXTENSION KIT

LENGTH	5¼" B-62-B	6¼" B-62-B	4" & 4½" B-50-B	5" B-50-B	6" B-50-B
6"	45#	66#	45#	66#	76#
12"	66#	88#	66#	88#	110#
18"	82#	118#	82#	118#	140#
24"	102#	150#	102#	150#	171#
30"	125#	178#	125#	178#	200#
36"	145#	206#	145#	206#	233#

### PACER MODERNIZATION KIT

LENGTH	WEIGHT
3'0"	178#
3'6"	180#

Add or deduct 2 lbs. per 6".



## Weight Chart-Gate Valves

### AFC SERIES 2500 DUCTILE IRON RESILIENT WEDGE VALVE

DESCRIPTION	2"	2½"	3"	4"	6"	8"	10"	12"	14"
MJ x MJ	42#	-	44#	61#	101#	159#	255#	371#	670#
FL x MJ	-	-	-	66#	108#	171#	270#	399#	670#
FL x FL (NRS)	38#	46#	52#	73#	115#	191#	287#	407#	670#
FL x FL (OSY)	49#	47#	53#	90#	136#	219#	334#	454#	-
250# FL x FL (NRS)	-	-	59#	95#	178#	265#	397#	572#	882#
250# FL x FL (OSY)	-	-	72#	112#	199#	293#	444#	619#	-
THD x THD	30#	36#	41#	-	-	-	-	-	-
TY x TY	-	-	-	65#	111#	186#	270#	403#	-
FL x TY	-	-	-	68#	112#	181#	277#	396#	-
PVC x PVC	35#	41#	41#	62#	103#	159#	-	-	-
MJ TAPPING	-	-	-	66#	108#	182#	280#	410#	670#

### AFC SERIES 2500 DUCTILE IRON RESILIENT WEDGE VALVE

DESCRIPTION	16"	18"	20"	24"	30"	36"	42"	48"	54"	60"	66"
MJ x MJ	883#	1100#	1520#	2284#	3900#	7450#	11,300#	15,800#	-	-	-
FL x MJ	887#	1100#	1525#	2284#	3900#	7450#	11,300#	15,800#	-	-	-
FL x FL (NRS)	951#	1100#	1530#	2282#	3900#	7450#	11,300#	15,800#	15,870#	27,800#	31,600#
250# FL x FL (NRS)	1110#	1490#	1800#	2700#	-	-	-	-	-	-	-
FLEX RING	-	-	-	2473#	4711#	7610#	11,486#	17,341#	-	-	-
MJ TAPPING	887#	1100#	1525#	2285#	3900#	7450#	11,300#	15,800#	-	-	-



## Weight Chart-Swing Check Valves/Tapping Sleeves

### 50-LINE SWING CHECK VALVES

SIZE	52SC STANDARD	52SC LEVER/SPRING	52SC LEVER/WEIGHT
3"	61#	63#	64#
4"	98#	102#	104#
6"	167#	170#	173#
8"	274#	288#	295#
10"	445#	450#	470#
12"	620#	655#	655#
14"	1010#	1080#	1080#
16"	1180#	1250#	1250#

### SERIES 600 CHECK VALVES

SIZE	STANDARD	LEVER & SPRING OR WEIGHT
2½"	50#	60#
3"	60#	70#
4"	75#	85#
6"	145#	160#
8"	245#	260#
10"	380#	405#
12"	500#	525#

### SERIES 2100 CHECK VALVES

SIZE	WEIGHT
3"	31#
4"	98#
6"	98#
8"	168#
10"	290#
12"	449#
14"	545#
16"	760#

### TAPPING SLEEVES

SIZE Inches	SLEEVE		SIZE Inches	SLEEVE	SIZE Inches	SLEEVE
	FOR CI	FOR AC				
4 x 4	101#	106#	18 x 4	660#	30 x 6	1895#
6 x 4	140#	144#	18 x 6	665#	30 x 8	1910#
6 x 6	144#	148#	18 x 8	675#	30 x 12	2225#
8 x 4	154#	160#	18 x 10	810#	30 x 24	2890#
8 x 6	156#	166#	18 x 12	835#	36 x 6	2223#
8 x 8	165#	174#	18 x 16	980#	36 x 8	2232#
10 x 4	238#	257#	18 x 18	1010#	36 x 12	2600#
10 x 6	246#	262#	20 x 4	760#	36 x 24	3075#
10 x 8	255#	267#	20 x 6	765#		
10 x 10	262#	276#	20 x 8	775#		
12 x 4	267#	284#	20 x 10	930#		
12 x 6	271#	288#	20 x 12	950#		
12 x 8	279#	293#	20 x 14	965#		
12 x 10	290#	305#	20 x 16	1130#		
12 x 12	301#	315#	20 x 20	1175#		
14 x 4	480#	—	24 x 4	985#		
14 x 6	485#	—	24 x 6	990#		
14 x 8	495#	—	24 x 8	995#		
14 x 10	600#	—	24 x 10	1300#		
14 x 12	625#	—	24 x 12	1410#		
14 x 14	645#	—	24 x 14	1415#		
16 x 4	560#	—	24 x 16	1320#		
16 x 6	565#	—	24 x 18	1440#		
16 x 8	580#	—	24 x 20	1470#		
16 x 10	705#	—	24 x 24	1730#		
16 x 12	725#	—				
16 x 14	740#	—				
16 x 16	865#	—				





## Weight Chart-Miscellaneous Items

### IP-71 INDICATOR POST

MODEL	WEIGHT
1A & 1B	146#
2A & 2B	178#
3A & 3B	211#
4A & 4B	244#
5A & 5B	277#
6A & 6B	310#
7A & 7B	344#
8A & 8B	375#

### MJ CUTTING-IN SLEEVES, INCLUDING ACCESSORIES

SIZE	WEIGHT
4"	65#
6"	90#
8"	120#
10"	155#
12"	195#

### CHAINWHEELS

SIZE	WEIGHT
No. 2	10#
No. 2½	14#
No. 3	19#
No. 3½	28#

Chain for No. 2, 1.8 lbs./ft.

Chain for others, 3 lbs./ft.



## Shipping Weights–Series 200 Indicator Post & Accessories

<b>A190</b>	Coupling Only .....	5#
<b>A192</b>	Coupling .....	9#
<b>A193-1</b>	Coupling, used with 2½" thru 4" OS&Y .....	14#
<b>A193-2</b>	Coupling, used with 6" thru 8" .....	17#
<b>A193-3</b>	Coupling, used with 10" thru 16" .....	53#
<b>A240</b>	Underground Post Indicator Assembly	With Wrench      With Handwheel
	3'0" thru 6'0" .....	231#              239#
	6'6" thru 8'6" .....	276#              284#
	9'0" thru 15'0" .....	393#              401#
	15'6" thru 18'6" .....	456#              464#
<b>A241</b>	Complete Extension – 6" .....	37#
	Add for each additional 6" .....	10#
<b>A278</b>	Flanged Base Post Indicator Assembly - 6'0" .....	108#
<b>A283</b>	Recessed Wall Frame .....	50#
<b>A284</b>	Back Up Ring .....	5#
<b>A286</b>	Coupling for A240 .....	6#

### PALLET QUANTITIES – VALVES & HYDRANTS

It has been AFC's standard practice to ship gate valves and hydrants from both Beaumont, TX and South St. Paul, MN on pallets. In order for us to optimize our service to you, we request that whenever possible your orders be placed in multiples of even pallet quantities. Outlined below are the pallet quantities from both plants.

**Hydrants** are palletized 9 per pallet up to 6' trench, 6 per pallet for 6'6" trench & deeper.

**RW valves** are palletized per the following chart:

DESCRIPTION	2"	2½"	3"	4"	6"	8"	10"	12"
Series 2500 - NRS	108	72	32	16	20	16	6	6
Series 2500 - OSY	60	60	30	16	20	12	4	4
Exceptions: Tyton x Tyton, PVC x PVC	72	48	32	16	15	12	4	4