



Pacer's Exceptional Features

Many years of experience have taught Waterous what customers want in a hydrant. They have applied this knowledge into the Pacer design. As a result it incorporates the best features of all hydrants with additional features not available elsewhere. Pacer is a functionally designed hydrant unmatched in overall convenience. In addition, Pacer meets or exceeds all applicable industry standards.

Pacer offers such quality convenience features as:

- 250 PSI Rating — Designed for 250 psi working pressure and tested to 500 psi hydrostatic pressure.
- All Ductile Iron Construction — Its lighter, stronger, smoother and more uniform than hydrants of cast iron construction.
- 360 Degree Nozzle Rotation — The stainless steel retaining ring system allows 360° rotation by merely loosening the flange bolts and turning the nozzle section to the exact position desired.
- All Bronze Drain — No composition, plastic, rubber or leather face to chip, peel or crack.
- Fusion Bonded Epoxy Coating — The interior and exterior of the MJ shoe as well as the upper and lower valve washers are fully coated with fusion applied epoxy.

WB-67-250 Specifications

- Hydrant shall conform to AWWA C-502 "Standard for Dry-Barrel Fire Hydrants."
- Hydrant shall be the traffic model design with replaceable parts designed to break away without water loss and damage to other parts of the hydrant.
- Hydrant shall be designed for 250 psi working pressure and tested to 500 psi hydrostatic pressure.
- Main valve opening shall be a minimum of 5¼".
- The bronze valve seat shall thread into a bronze sub-seat.

- The all bronze drain plunger shall be positively operated by the main operating rod.
- A travel stop nut shall be used to provide a positive limit to the travel of the main operating rod.
- The hydrant shall have a two piece operating nut for durability and low maintenance.
- The nozzle section shall be ductile iron and capable of 360° rotation by simply loosening the four ground flange bolts.
- Nozzles shall be mechanically attached with a ductile iron retainer and sealed with an O-Ring.
- The upper and lower standpipe and extensions shall be ductile iron with a minimum inside diameter of 7¼".
- The MJ shoe and upper and lower valve washers shall be fully coated with a fusion applied epoxy.
- The MJ shoe shall be attached to the lower barrel with stainless steel bolts and nuts.
- The MJ shoe shall have a flat bottom, ribbed back and strapping lugs to facilitate installation.
- The hydrant design shall allow plugging of the drains without excavating.

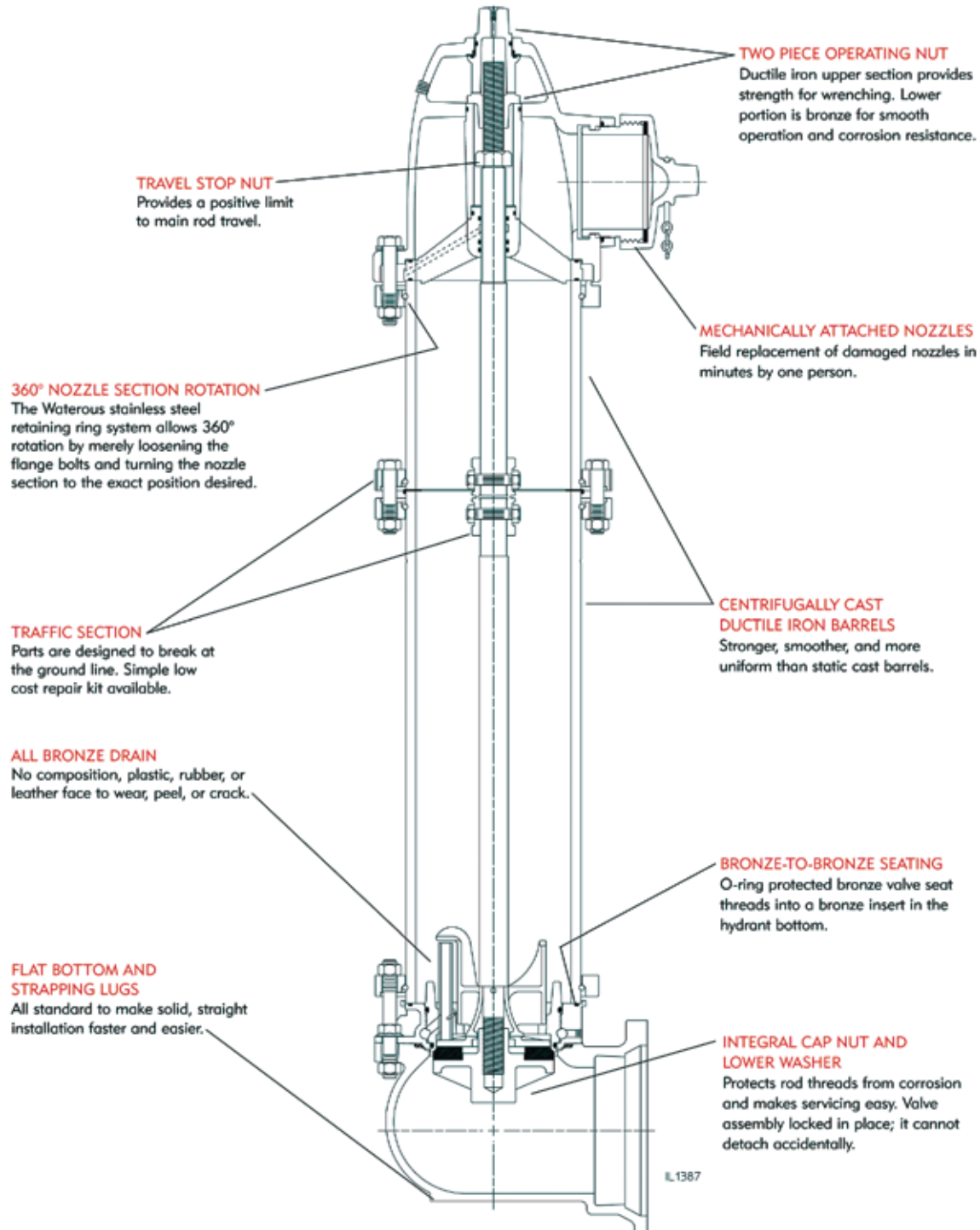
DEPTH OF BURY	DIRECTION TO OPEN	PRODUCT NUMBER*
5' 0"	OL	41780
5' 6"	OL	41785
6' 0"	OL	41790
6' 6"	OL	41795
7' 0"	OL	41800
7' 6"	OL	41805
5' 0"	OR	41810
5' 6"	OR	41815
6' 0"	OR	41825
6' 6"	OR	41830
7' 0"	OR	41835
7' 6"	OR	41840

* Product numbers are for hydrants with drains. Hydrants without drains are available and are stocked at Team EJP locations in states requiring non-draining hydrants.

NOTE: Demonstration trailer and training tapes are available if you would like to learn more about the Waterous Pacer WB-67-250 hydrant.

The WB-67-250 Hydrant is UL listed and FM approved.

Waterous Pacer WB-67-250 Construction



Hydrants D-3

Waterous Pacer WB-67-250



Maintenance Kit



This kit is available to assist you in the routine maintenance of hydrants. It includes such items as main valve rubbers, gaskets, O-Rings, nuts, bolts, snap rings and lubricants.

DESCRIPTION	PRODUCT NUMBER
W Hyd. Maintenance Kit	41910

WB-67-250 Top Extension Kit



A hydrant so low that connection of a hose is impossible or difficult is a community hazard. The Waterous Top Extension Kit allows for fast and inexpensive extension of the nozzle section, to any desired height (in 6" increments) in case of grade change.

DESCRIPTION	PRODUCT NUMBER
6" W Hyd. Top Extension	41885
12" W Hyd. Top Extension	41890
18" W Hyd. Top Extension	41895
24" W Hyd. Top Extension	41900

NOTE: Longer length extensions are available by special order. Please call your local Team EJP sales office for price and availability.

WB-67-250 Break Repair Kit



Need for hydrant repairs is frequently the result of traffic accidents. Since they cannot be eliminated, minimizing the cost of repair is the next best thing. This is being done in many cities by using the Pacer WB-67-250 Traffic Model Hydrant.

The Pacer is designed to break away without water loss and without damaging the lower barrel or other vital parts of the hydrant. Repairs can be made without digging or shutting off the water because the Pacer is a true compression hydrant in which the main valve closes with and is held shut by water pressure.

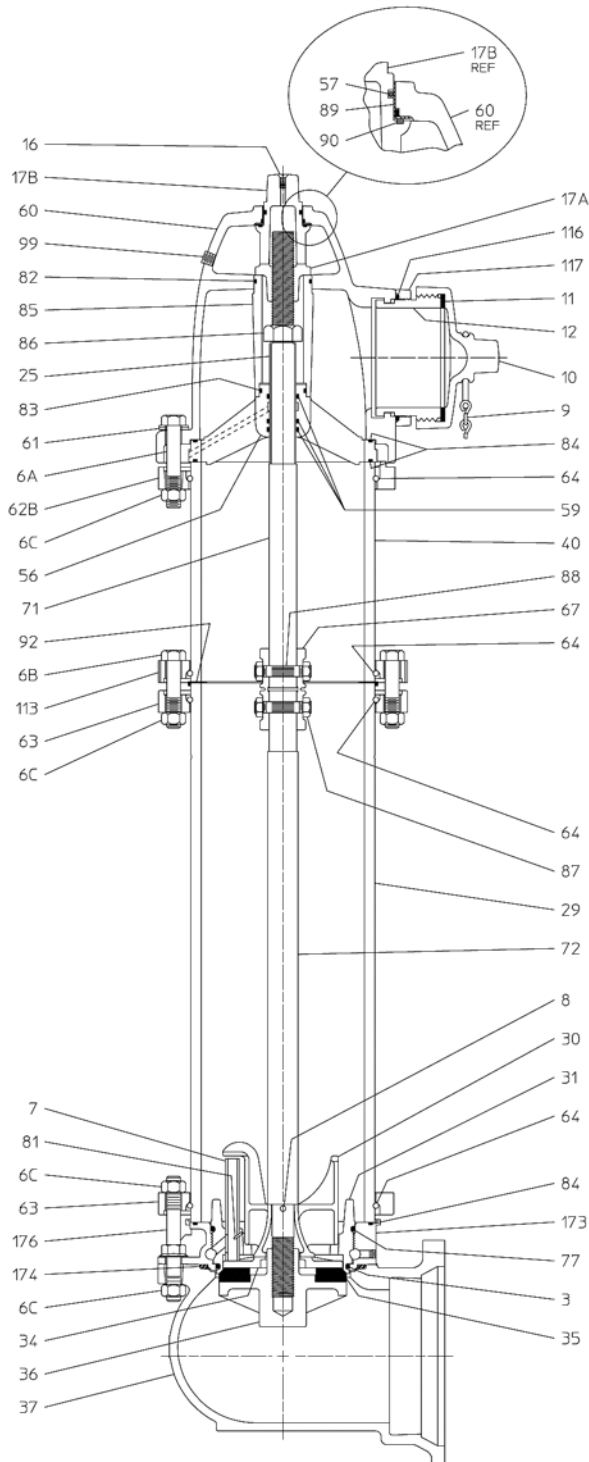
The Traffic Repair Kit makes repairs simple and fast. Only the parts which were so designed will break away on impact. Repair is simply a matter of removing the broken parts and installing new parts, all of which are included in the repair kit.

DESCRIPTION	PRODUCT NUMBER
W Hyd. Break Repair Kit DI	41905

Hydrants D-4

Waterous Pacer WB-67-250

WB-67-250 Parts



REF. NO.	DESCRIPTION	MATERIAL	PRODUCT NUMBER
3	O-Ring Packing	Buna-N	41958
6A	Hex HD Bolt, 5/8" -11 x 3 3/4"	Zinc Pltd.	41957 2
6B	Hex HD Bolt, 5/8" x 11 x 3"	Zinc Pltd.	41957
6C	Hex Nut, 5/8"-11"	Zinc Pltd.	41957 1
7	Drain Plunger	Red Brass	41912
8	Cotter Pin, 1/4" x 1 1/2"	Stainless	41980
9A	Nozzle Cap Chain, Single	Zinc Pltd.	42016
9B	Nozzle Cap Chain, Double	Zinc Pltd.	42016 1
10A	Nozzle Cap, Hose	Ductile Iron	41970
10B	Nozzle Cap, Pumper	Ductile Iron	41955
11A	Hose Nozzle Cap Gasket	Neoprene	42013
11B	Pumper Nozzle Cap Gasket	Neoprene	42015
12A	Pumper Nozzle	Brass	41997
12B	Hose Nozzle	Brass	41998
16	Flat HD Screw, 1/4-20 x 1 1/2"	Stainless	41971
17A	Operating Nut, Lower OR	Bronze	42000
17A	Operating Nut, Lower OL	Bronze	42001
17B	Operating Nut, Upper	Ductile Iron	42012
25	Valve Rod Bushing	Red Brass	41960
29	Standpipe	Ductile Iron	**
30	Crossarm	Bronze	41987
31	Valve Seat	Bronze	41976
34	Upper Valve Washer	Ductile Iron	41978
35	Main Valve Rubber	Urethane	41979
36	Lower Valve Washer	Ductile Iron	41977
37	Hydrant Bottom	Ductile Iron	42005
40	Upper Standpipe	Ductile Iron	41906
56	Support Wheel	Ductile Iron	41992
57	O-Ring (operating nut)	Buna-N	41983
59	O-Ring (support wheel)	Buna-N	41963
60	Nozzle Section (OR or OL)	Ductile Iron	41904
61	Bury Depth Plate	Aluminum	41964
61	Bury Depth Plate Washer	Pltd. Steel	41965
62B	Upper Standpipe Flg. (WB-67-250)	Ductile Iron	41989 1
63	Standpipe Flange	Ductile Iron	41990
64	Flange Lock Ring	Stainless	41991
67	Coupling Sleeve (2 halves)	Gray Iron	41974
71	Upper Rod Assembly OR	Steel	41975
71	Upper Rod Assembly OL	Steel	42003
72	Lower Rod (specify length)	Steel	41981
77	O-Ring (upper valve seat)	Buna-N	41969
81	Groove Pin 3/32" x 7/16"	Ber. Copper	41967
82	Upper Tube Seal	Buna-N	41984
83	Lower Tube Seal	Buna-N	41985
84	Support Gasket	Buna-N	41986
85	Support Tube	Ductile Iron	41986 1
86	Stop Nut OL 1"-8	Pltd. Steel	41993
86	Stop Nut OR 1"-8	Pltd. Steel	41994
87	Coupling Nut 1/2-20	Brass	41973
88	Coupling Stud 1/2-20 x 2 1/16"	Stainless	41972
89	Nozzle Section Bushing	Brass	41968
90	Thrust Ring (Starting Jan. 1970)	Teflon	41982
92	Upper Standpipe Gasket	Neoprene	41996
99	Pipe Plug, 1/4" NPT	Brass	42017
113	Breakable Flange	Ductile Iron	42002
116*	O-ring (pumper)	Buna-N	42015 2
117*	Pumper Nozzle Retainer	Ductile Iron	42015 1
118*	O-ring (hose nozzle)	Buna-N	42014 1
119*	Hose Nozzle Retainer	Ductile Iron	42014
173	Valve Seat Insert	Bronze	—
174	Valve Seat Insert Gasket	Nitrile	—
176	Stud, 5/8-11 x 5.650"	Stainless	—

* Not Shown

** Specify the length of the standpipe when ordering.