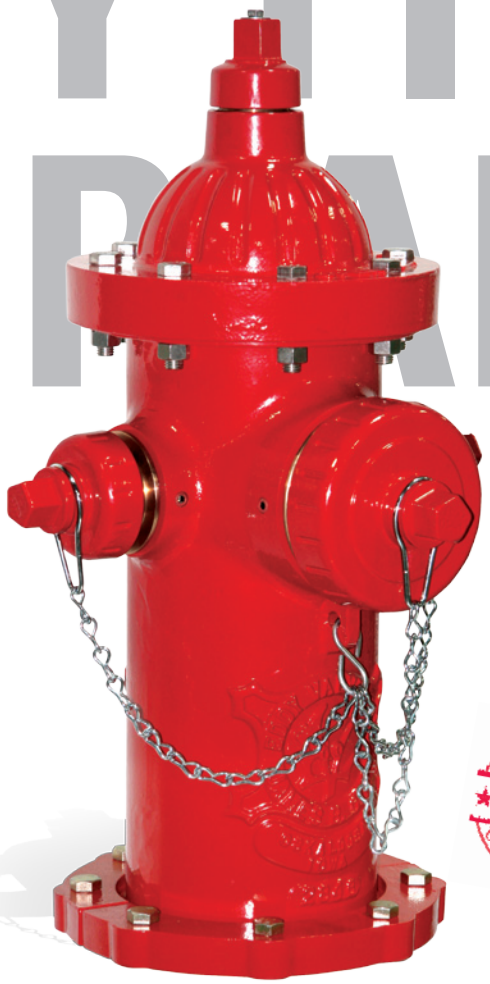
EDDY FIRE HYDRANT



UL FM APPROVED

SETTING THE STANDARD FOR FIRE PROTECTION

Time-Tested Performance • AWWA C502 • Opens Easily and Quickly with Pressure • Both Drain and Drainless Features are Available • Same Design Since 1875

CLOW VALVE CO.

Clow Valve is a division of McWane, Inc.

www.clowvalve.com

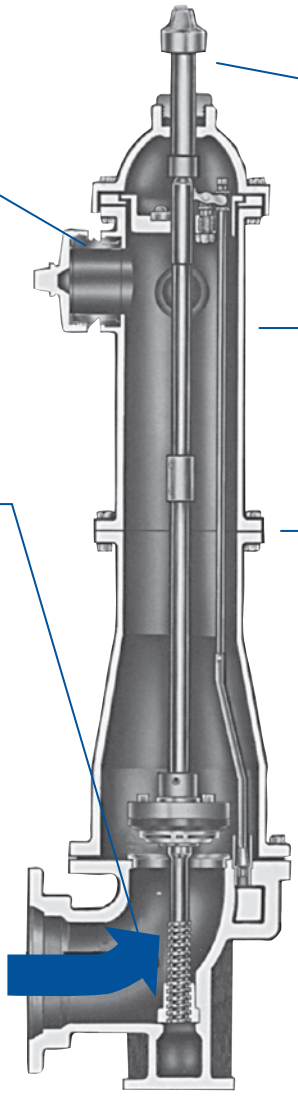
McWANE

For Generations

EDDY FIRE HYDRANT

The Eddy hydrant is a classic design built to provide unsurpassed fire protection and an appealing aesthetic. Since 1875, the Eddy hydrant has been reliably serving communities and firemen across the country. The Eddy opens easily and quickly under pressure, ensuring time-tested performance year after year.

ENGINEERING FEATURES



RISING STEM
Indicating feature lets you know position of main valve.

THREADED NOZZLES
Easily replaced locking set screw to hold nozzle in place. O-ring seal.

INDEPENDENT DRAIN
Allows plugging of drain without disassembly of hydrant.

MAIN VALVE CLOSES AGAINST PRESSURE
Eliminates valve seat damage while reducing the potential for water hammer.

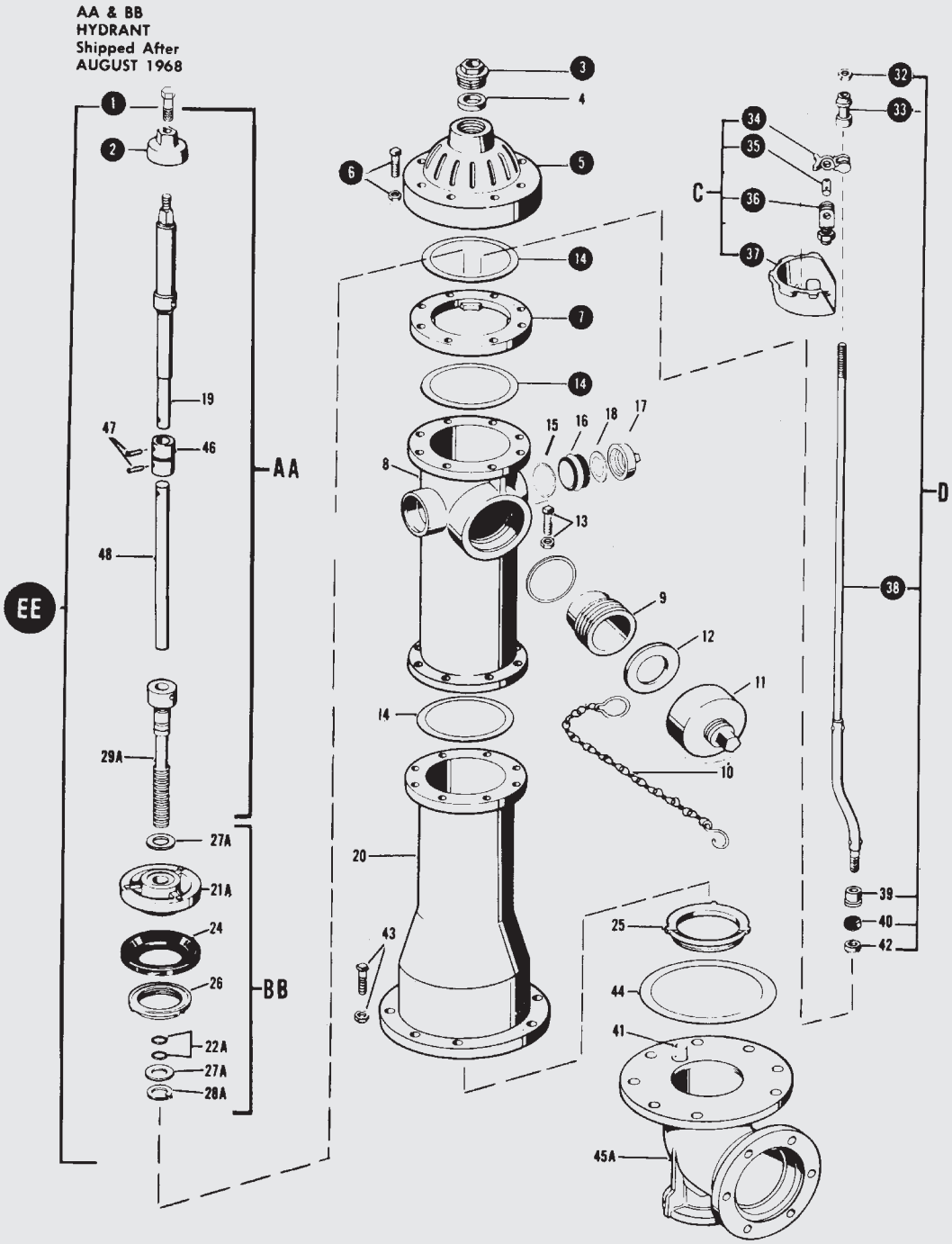
BREAK FLANGE DESIGN
Breakaway parts shear cleanly below the top of the barrel, preventing nozzle section damage or opening of the main valve.

STEM NUT BELOW GROUND LINE
Maintains positive shut off of main valve after traffic damage. Does not depend on water pressure. Never needs lubrication. All copper alloy construction.

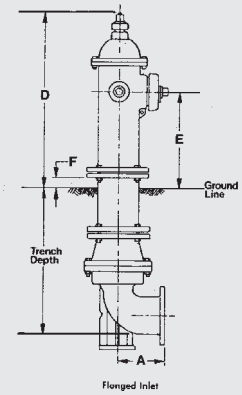
MAIN VALVE OPENS WITH PRESSURE
Water assists in opening the valve making operation easier, faster and positive.

EDDY PARTS ASSEMBLY

CLOW VALVE CO.



MAIN VALVE OPENING	4 1/2"	5 1/4"
DIMENSION	6" Inlet	6" Inlet
A	9 1/4"	9 1/4"
B	9 1/4"	9 1/4"
D	31 1/2"	31 1/2"
E	19 3/4"	19 3/4"
F	2 1/2"	2 1/2"



HYDRANT REPAIR ASSEMBLIES

	Assembly	Consisting of Parts
A	Main Stem	1-2-19-29-46-47-48
AA	Main Stem(New Style)	1-2-19-29A-46-47-48
B	Hydrant Valve	21-22-23-24-26-27-28
BB	Hydrant Valve(New Style)	21A-22A-24-26-27A-28A
C	Drain Support	30-31-34-35-36-37
D	Drain Valve	32-33-38-39-40-42
E	Complete Valve and Stem	ASSEMBLIES A & B
EE	Complete Valve and Stem	ASSEMBLIES AA & BB

NOTE: Hydrant Valve Assembly

O-Ring Style Valve Assembly BB WILL NOT FIT Old Style Lower Stem #29. Old style Packing Valve Assembly B WILL FIT New Style Lower Stem #29A in 4 1/2", 4 3/4" and 5 1/4" Hydrants.

F-2640
EDDY FIRE HYDRANT PARTS ASSEMBLY
WITH DRAIN ASSEMBLY

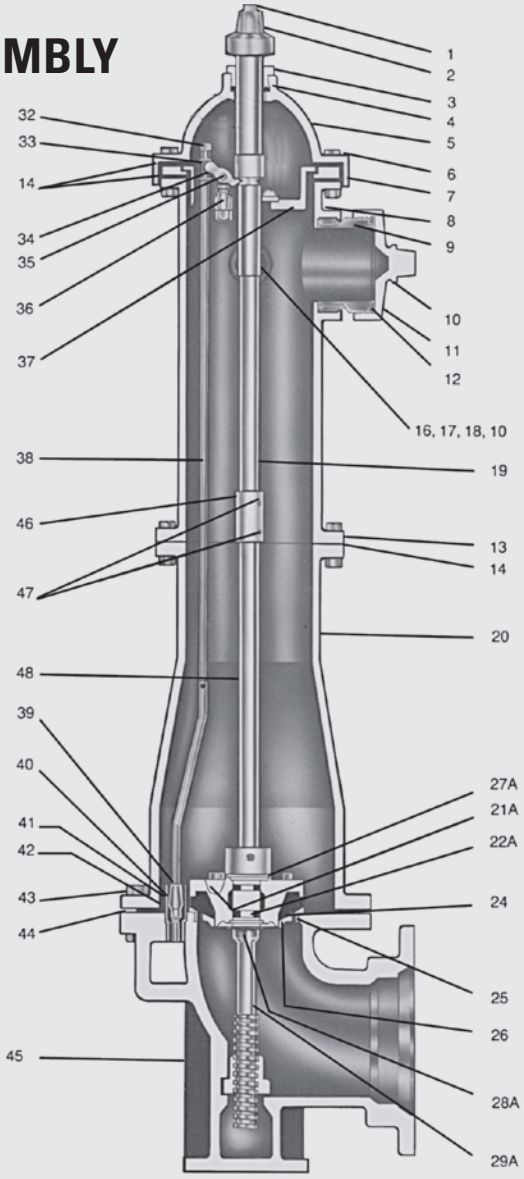
ITEM NO.	DESCRIPTION	QTY.	MATERIAL
1	Hold Down Bolt	1	Stainless Steel
2	Operating Nut	1	Cast Iron
3	Packing Nut	1	Copper Alloy
4	Packing	1	Rubber
5	Cover	1	Cast Iron
6	Cover Bolts & Nuts	8	Steel, Zinc Plated, Stainless Steel*
7	Swivel Ring	1	Cast Iron
8	Nozzle Section	1	Cast Iron
9	Pumper Nozzle	As Ordered	Copper Alloy
10	Nozzle Chain Not Shown	As Ordered	Steel, Zinc Plated
11	Pumper Nozzle Cap	As Ordered	Cast Iron
12	Pumper Cap Washer	As Ordered	Rubber
13	Flange Bolts & Nuts	8	Steel, Zinc Plated
14	Flange Gaskets	3	Accopac
15	Nozzle O-Ring	1	Rubber
16	2 1/2" Hose Nozzle	As Ordered	Copper Alloy
17	2 1/2" Hose Nozzle Cap	As Ordered	Cast Iron
18	2 1/2" Hose Cap Washer	As Ordered	Rubber
19	Upper Stem	1	Steel w/Copper Alloy Sleeve
20	Standpipe	1	Cast Iron
21A	Valve Plate	1	Cast Iron
22A	O-Rings	2	Rubber
24	Valve Rubber	1	Rubber
25	Seat Ring	1	Copper Alloy
26	Throttling Ring	1	Copper Alloy
27A	Thrust Washer	2	Teflon
28A	Snap Ring	1	Stainless Steel
29A	Lower Stem	1	Copper Alloy
32	Lock Nut	1	Copper Alloy
33	Drain Spool	1	Copper Alloy
34	Drain Lever	1	Copper Alloy
35	Lever Pin	1	Copper Alloy
36	Clevis & Nut	1	Copper Alloy
37	Drain Support	1	Cast Iron
38	Drain Rod	1	Steel
39	Drain Valve Backer	1	Copper Alloy
40	Drain Valve Rubber	1	Rubber
41	Drain Cup	1	Copper Alloy
42	Retaining Nut	1	Copper Alloy
43	Bottom Bolts & Nuts	4 1/2"-6	Stainless Steel
		5 1/4"-8	Stainless Steel
44	Bottom Gasket / O-Ring	1	Rubber
45	Bottom	1	Cast Iron
46	Stem Coupling	1	Cast Iron
47	Stem Coupling Pin	2	Stainless Steel
48	Middle Stem	1	Steel

Extension Kit – Contains everything required to extend the stem and barrel. Available in 6" increments.

Safety-Flange Repair Kit – Includes safety-flange stem coupling and pins, flange gaskets, all bolts, nuts and hardware to repair a hydrant damaged due to a traffic accident.

Main Valve Seat Repair Kit – Contains valve rubber O-rings washer and snap ring.

*Upon Request



RECOMMENDED SPECIFICATIONS

1. Hydrant shall be center stem type and in accordance with AWWA Standard C502.
2. Hydrant shall be compression type with the main valve opening with the water pressure and have a rising stem to positively indicate open or closed position.
3. Hydrant shall be furnished with frangible break flange and break coupling at the ground line.
4. Copper Alloy stem threads shall be located below the main valve to eliminate necessity of lubrication and in case of damage to hydrant, main valve will remain mechanically closed.
5. Hydrant shall have minimum valve opening of either 4 1/2" or 5 1/4", and shoe inlet of 4" or 6"
6. Hydrant shall be designed to permit removal of all working parts without special tools or wrenches.
7. Hydrant shall have automatic drain, independent of main valve, to provide removal or adjustment without shutting off water, and can be cleaned without digging.
8. Hydrant shall be the Eddy Hydrant, manufactured by the Clow Valve Company.

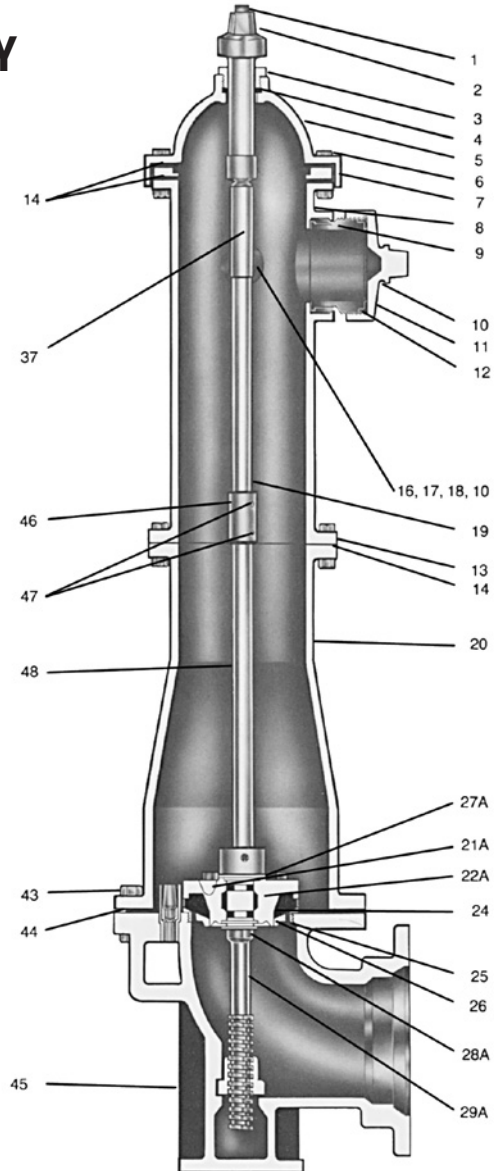
F-2641

EDDY NO DRAIN PARTS ASSEMBLY

FOR PROTECTION AGAINST CROSS CONNECTION

ITEM NO.	DESCRIPTION	QTY.	MATERIAL
1	Hold Down Cap Screw	1	Stainless Steel
2	Operating Nut	1	Cast Iron
3	Packing Nut	1	Copper Alloy
4	Packing	1	Rubber
5	Cover	1	Cast Iron
6	Cover Bolts & Nuts	8	Steel, Zinc Plated, Stainless Steel*
7	Swivel Ring	1	Cast Iron
8	Nozzle Section	1	Cast Iron
9	Pumper Nozzle	As Ordered	Copper Alloy
10	Nozzle Chain Not Shown	As Ordered	Steel, Zinc Plated
11	Pumper Nozzle Cap	As Ordered	Cast Iron
12	Pumper Cap Washer	As Ordered	Rubber
13	Flange Bolts & Nuts	8	Steel, Zinc Plated
14	Flange Gaskets	3	Accopac
15	Nozzle O-Ring	1	Rubber
16	2 1/2" Hose Nozzle	As Ordered	Copper Alloy
17	2 1/2" Hose Nozzle Cap	As Ordered	Cast Iron
18	2 1/2" Hose Cap Washer	As Ordered	Rubber
19	Upper Stem	1	Steel w/Copper Alloy Sleeve
20	Standpipe	1	Cast Iron
21A	Valve Plate	1	Cast Iron
22A	O-Rings	2	Rubber
24	Valve Rubber	1	Rubber
25	Seat Ring	1	Copper Alloy
26	Throttling Ring	1	Copper Alloy
27A	Thrust Washer	2	Teflon
28A	Snap Ring	1	Stainless Steel
29A	Lower Stem	1	Copper Alloy
43	Bottom Bolts & Nuts	4 1/2"-6	Stainless Steel
		5 1/4"-8	Steel, Zinc Plated, Stainless Steel
44	Bottom Gasket	1	Accopac
45	Bottom	1	Cast Iron
46	Stem Coupling	1	Cast Iron
47	Stem Coupling Pin	2	Stainless Steel
48	Middle Stem	1	Steel

Specify both item number and size of main valve opening when ordering replacement parts.

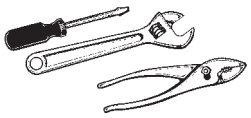


RECOMMENDED SPECIFICATIONS (EDDY NO DRAIN)

1. Hydrant shall be center stem type and in accordance with AWWA Standard C502.
2. Hydrant shall be compression type with the main valve opening with the water pressure and have a rising stem to positively indicate open or closed position.
3. Hydrant shall be furnished with frangible break flange and break coupling at the ground line.
4. Copper Alloy stem threads shall be located below the main valve to eliminate necessity of lubrication and in case of damage to hydrant, main valve will remain mechanically closed.
5. Hydrant shall have minimum valve opening of either 4 1/2" or 5 1/4", and shoe inlet of 4" or 6".
6. Hydrant shall be designed to permit removal of all working parts without special tools or wrenches.
7. Hydrant shall be without a drain to prevent the possibility of cross connection.
8. Hydrant shall be the Eddy Hydrant, manufactured by the Clow Valve Company.

ONLY 8 INTERNAL PARTS

Tools Required for Eddy Maintenance and Operation



F-2750 Hose and Hydrant Wrench

Adjustable Hydrant Wrench with Spanner Fits both Pin type and Rocker type hose couplings.

*Upon Request

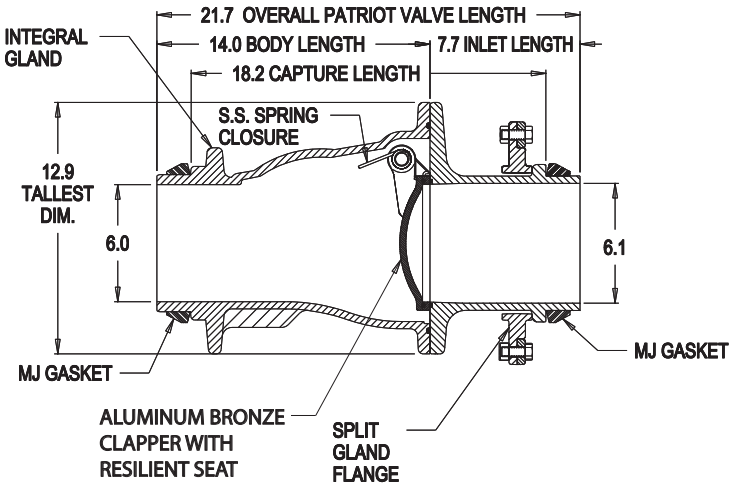
GUARD YOUR WATER SYSTEM FROM ACCIDENT OR ATTACK

PATRIOT HYDRANT CHECK VALVE

Threats to the water supply can come from either accidental or deliberate acts. Our nation's water superintendents have safeguarded nearly all of the access points to our drinking water. At this time one critical access point is left unprotected — the fire hydrant.

The Patriot hydrant check valve prevents reverse flow through the fire hydrant, safely protecting our drinking water while providing a full-port unobstructed waterway that allows firefighters access to the water they need when they need it.

Unlike locks and special external devices, the Patriot is installed underground, which prevents tampering and allows the hydrant to be operated the moment the firefighters arrive on the scene. The Patriot can be installed on any 6" mechanical joint connection, ensuring compatibility with all hydrant brands — providing the flexibility and cost-effectiveness you demand.

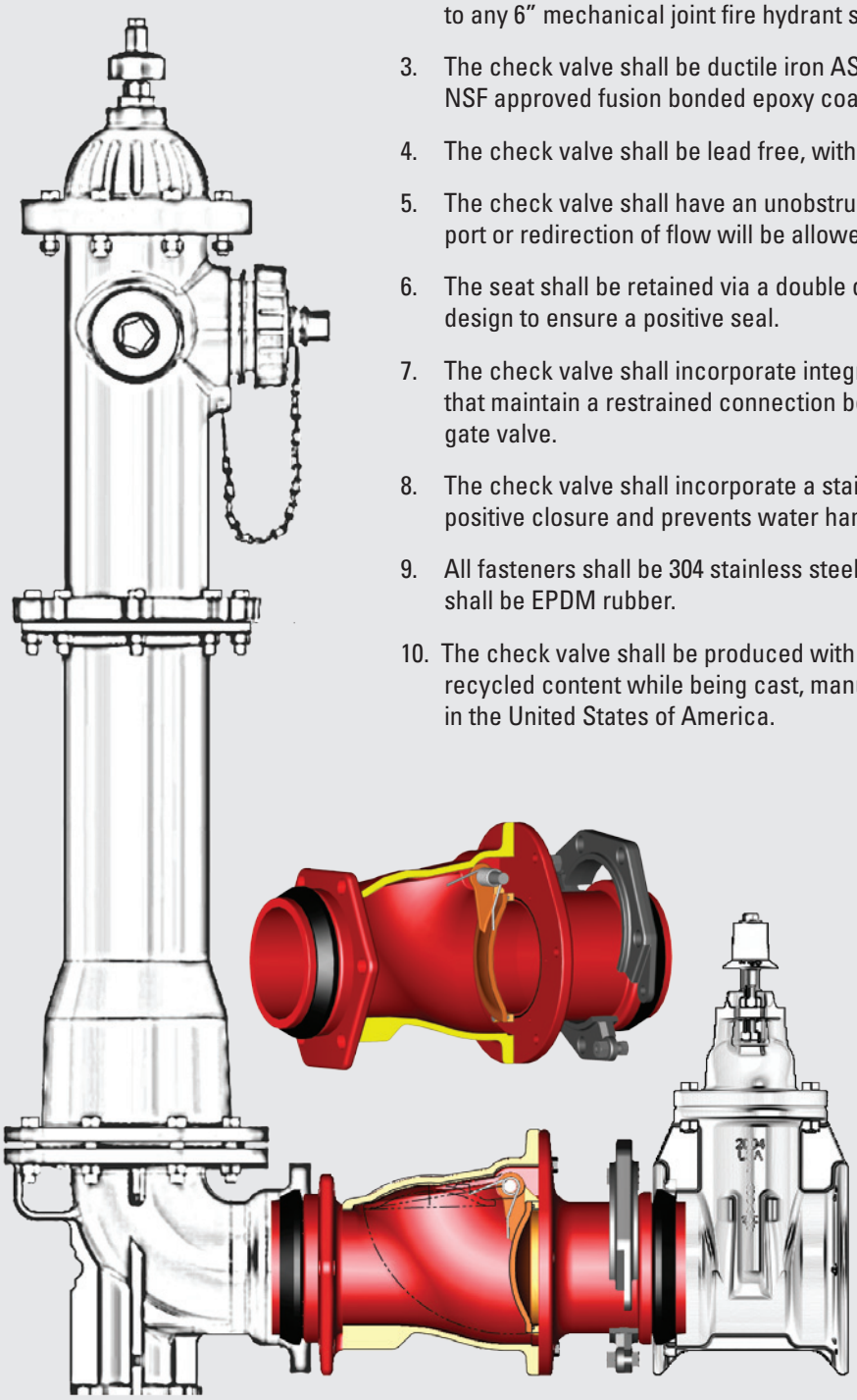


CLOW VALVE CO.

www.clowvalve.com

RECOMMENDED SPECIFICATIONS

1. The check valve shall be manufactured to all of the testing and performance standards of AWWA C508 and AWWA C550. The Check Valve shall be designed for 250 PSI working pressure and tested to 500 PSI hydrostatic pressure.
2. The check valve shall be a stand alone unit able to be positively restrained to any 6" mechanical joint fire hydrant shoe.
3. The check valve shall be ductile iron ASTM Standard A536 (70-50-05), with NSF approved fusion bonded epoxy coating (interior/exterior).
4. The check valve shall be lead free, with no exposed lead bearing surfaces.
5. The check valve shall have an unobstructed waterway. No reduction of port or redirection of flow will be allowed.
6. The seat shall be retained via a double dove tail O-ring retaining groove design to ensure a positive seal.
7. The check valve shall incorporate integral positive restraint connections that maintain a restrained connection between the fire hydrant and the gate valve.
8. The check valve shall incorporate a stainless steel spring that hastens positive closure and prevents water hammer.
9. All fasteners shall be 304 stainless steel and all interior rubber components shall be EPDM rubber.
10. The check valve shall be produced with no less than 80% post consumer recycled content while being cast, manufactured, assembled and tested in the United States of America.



COMMITTED TO ENVIRONMENTAL RESPONSIBILITY

CLOW VALVE COMPANY IS COMMITTED TO PROTECTING OUR NATURAL RESOURCES THROUGH ENVIRONMENTALLY RESPONSIBLE MANUFACTURING PRACTICES, INCLUDING THE USE OF 80+% RECYCLED CONTENT IN OUR HYDRANTS AND VALVES.

To learn more about our commitment to the environment, call 800-829-2569.

EDDY FIRE HYDRANT

WHEN PLACING ORDERS, REQUESTING QUOTES OR SUBMITTALS, PLEASE FURNISH THE FOLLOWING INFORMATION:

- Quantity of hydrants, accessories and maintenance kits required
- Size of main valve opening: 4 1/2" or 5 1/4"
- Size and number of hose nozzles
- Size and number of pumper nozzles
- Hose and pumper nozzle thread specifications
- Type of inlet connection
- Depth of trench or bury
- Direction of opening
- Size and shape of operating nut, weather shield and cap nuts
- Color desired
- Town or municipality

ISO 9001

www.clowvalve.com

CLOW VALVE CO.

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McWANE
For Generations

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