### Super Centurion® 250 Fire Hydrant

## Mueller Co.



#### **PRODUCT FEATURES**

- 3-way and 4-way hydrant:
   250psig/17barg maximum working pressure, 500psig/34barg test pressure.\*
- UL Listed and FM Approved (CE marked to EN14384 available).
- Meets or exceeds all applicable requirements of ANSI/AWWA C502 and ANSI/NSF 61/372.
- O-ring sealed Bonnet, Ground, and Shoe Flange – better leak resistance, easier maintenance.
- O-ring sealed Oil Reservoir with Filler Plug – permits easy check of oil level and refill without removing Bonnet; filled at factory.
- Automatic operating mechanism lubrication – positive lubrication of stem threads and bearing surfaces each time hydrant is operated.
- Super Centurion 350 Hydrants with 350psig/24barg maximum working pressure, 700psig/48barg test pressure available.

32"

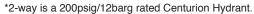
(812mm)

- Full flow performance large radius hose and pumper openings and conical Upper Valve Plate reduce turbulence and provide low friction loss.
- Field replaceable, O-ring sealed Hose and Pumper Nozzles – threaded in place and retained by stainless steel locks– NST or BSP threads. Integral Storz connector also available to order.
- O-ring sealed Bronze Seat Ring Resists corrosion and easily removed for maintenance through top of hydrant.
- Traffic Flange and stainless steel Stem Coupling – if hydrant is hit, flange and coupling break free preventing damage to stem and main valve, and uncontrolled water flow – coupling will not break into pieces that could drop down and affect valve operation.
- Double Bronze Drains each time main valve opens or closes, drain valves forceflush drain openings to keep them open for barrel drainage.
- Inlet Connections: 6"/DN150 Flanged ANSI B16.1 Class 125 Flat Face (optional PN10, PN16 drilling).

#### AVAILABLE AS: 3-HOSE, 4-HOSE, 3-HOSE AND 1-PUMPER; 2-HOSE AND 2-PUMPER CONFIGURATIONS

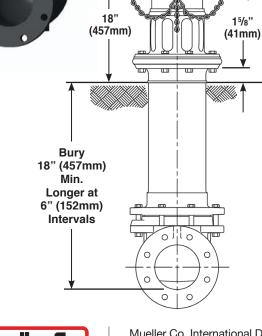
- A421 4<sup>1</sup>/<sub>2</sub>" (114mm) main valve opening 3-way (2-hose nozzle/1-pumper nozzle)
- A423 5<sup>1</sup>/<sub>4</sub>" (133mm) main valve opening 3-way (2-hose nozzle/1-pumper nozzle)
- A454 51/4" (133mm) main valve opening 3-way (3-hose nozzle)\*\*
- A455  $5^{1} \mbox{\ensuremath{/4}}"$  (133mm) main valve opening 4-way (4-hose nozzle)\*\*
- A458 5<sup>1</sup>/<sub>4</sub>" (133mm) main valve opening 4-way (3-hose nozzle/1-pumper nozzle)\*\*
- A459 5<sup>1</sup>/<sub>4</sub>" (133mm) main valve opening 4-way (2-hose nozzle/ 2-pumper nozzle), UL Listed and ANSI/AWWA C502





\*\*Hose Gate Valves required on FM Approved Models.

† Tall snow bury version (24"/600mm) available. Details upon request.



 $(\dagger)$ 



### **Super Centurion® 250 Fire Hydrant**

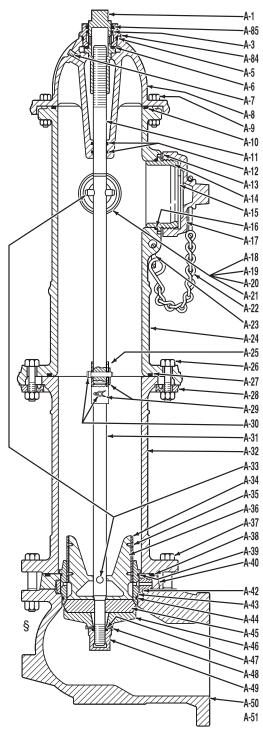
# Mueller Co.

#### **PARTS LIST**

	J LIJI	
ID	PART NAME	MATERIAL
الا A-1	Operating Nut	Bronze ASTM B584
A-3	Hold Down Nut O-Ring	Rubber ASTM D2000 BUNA N
A-5 A-5	Bonnet O-Ring	Rubber ASTM D2000 BUNA N
A-5 A-6	Anti-Friction Washer	Acetal
	<u> </u>	Brass ASTM B16
A-7	Oil Filler Plug Bonnet	
A-8 A-9	Bonnet Bolt & Nut	Cast Iron ASTM A126 CL.B Steel J429 GR. 2
A-10	Upper Barrel O-Ring <sup>2</sup>	Rubber ASTM D2000 BUNA N Steel ASTM A576 GR.1117
A-11	Upper Stem	Rubber ASTM D2000 BUNA N
A-12	Stem O-Ring	
A-13	Nozzle Lock	Stainless Steel ASTM A276
A-14	Pumper Nozzle	Bronze ASTM B584
A-15	Pumper Nozzle Cap Gasket	Rubber ASTM D2000 Neoprene
A-16	Pumper Nozzle O-Ring	Rubber ASTM D2000 BUNA N
A-17	Pumper Nozzle Cap	Cast Iron ASTM A126 CL.B
A-18	Hose Nozzle	Bronze ASTM B584
A-19	Hose Nozzle Gasket	Rubber ASTM D2000 Neoprene
A-20	Hose Nozzle O-Ring	Rubber ASTM D2000 BUNA N
A-21	Hose Nozzle Cap	Cast Iron ASTM A126 CL.B
A-22	Cap Chain	Plated Steel
A-23	Chain Hook	Plated Steel
A-24	Upper Barrel	Cast Iron ASTM A126 CL.B
A-25	Stem Coupling	Stainless Steel ASTM A890
A-26	Traffic Flange Bolt & Nut	Steel SAE J429 GR. 2
A-27	Traffic Flange O-Ring <sup>3</sup>	Rubber ASTM D2000 BUNA N
A-28	Traffic Flange	Cast Iron ASTM A126 CL.B
A-29	Cotter Pin	Stainless Steel ASTM A276
A-30	Clevis Pin	Stainless Steel ASTM A276
A-31	Lower Stem	Steel ASTM A576 GR.1144
A-32	Lower Barrel	Cast Iron ASTM A126 CL.B
A-33	Stem Pin	Stainless Steel ASTM A582
A-34	Drain Valve Facing	Plastic
A-35	Drain Valve Screw	Stainless Steel
A-36	Upper Valve Plate	Bronze ASTM B584
A-37	Shoe Bolt & Nut	Steel SAE J429 GR. 2
A-38	Drain Ring Housing O-Ring <sup>4</sup>	Rubber ASTM D2000 BUNA N
A-39	Top Seat O-Ring	Rubber ASTM D2000 BUNA N
A-40	Drain Ring Housing	Cast Iron ASTM A126 CL.B
A-41	Drain Ring Housing Nut/Bolt <sup>5</sup>	Steel ASTM A307 Plated
A-42	Drain Ring	Bronze ASTM B584
A-43	Seat Ring	Bronze ASTM B584
A-44	Bottom Seat O-Ring	Rubber ASTM D2000 BUNA N
A-45	Reversible Main Valve <sup>6</sup>	Rubber ASTM D2000 SBR
A-46	Lower Valve Plate <sup>7</sup>	Cast Iron ASTM A126 CL.B
A-47	Cap Nut Seal	Rubber ASTM D2000 BUNA N
A-48	Lock Washer	Stainless Steel ASTM A276
A-49	Lower Valve Plate Nut	Cast Iron ASTM A126 CL.B
A-50	Shoe <sup>8</sup> – Flanged	Cast Iron ASTM A126 CL.B
A-84 <sup>1</sup>	Hold Down Nut	Bronze ASTM B584
A-851	Weather Seal	Rubber ASTM D2000 EPDM
A-51	10.5 oz. Hydrant Lubricating Oil	(not shown)

#### Nozzle Information:

1/Pumper Nozzle (41/2"/DN110 NST or BSP) 2/Hose Nozzles (21/2"/DN65 NST or BSP)



- 1 1988 & newer models; all pre-1988 models use parts A-2
   Weather Cap & A-4 Hold Down Nut. These parts are not shown & must be used with a pre-1988 style Operating Nut, A-1.
- 2 1997 & newer 3-way models; all pre-1997 models have flat gasket
- 3 1997 & newer models; all pre-1997 models have flat gasket
- 4 1997 & newer models; all pre-1997 models have square gasket
- 5 Used only on pre-1997 model hydrant Not Shown
- 6 1997 & newer models only; pre-1997 models use non-reversible main valve & lower valve plate Not Shown
- 7 1997 & newer models for reversible main valve; pre-1997 models use non-reversible main valve Not Shown
- 8 6" MJ Shoe is Ductile Iron, ASTM A536



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