

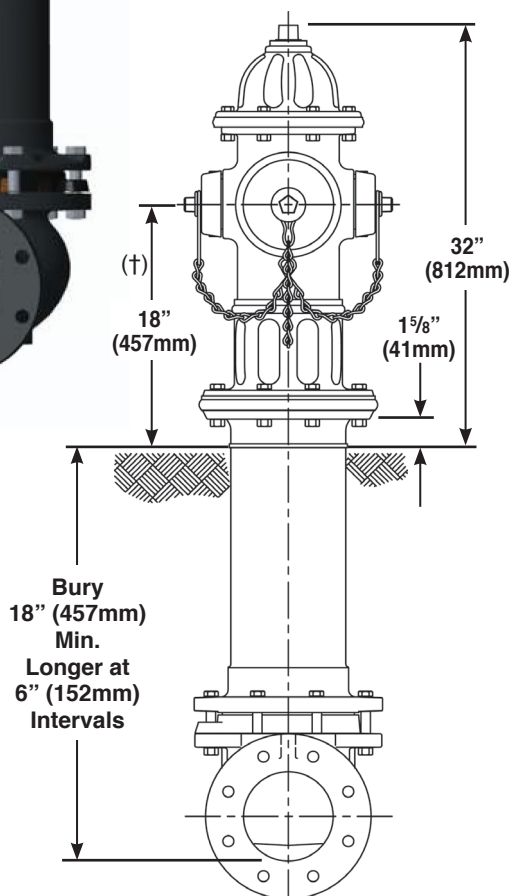
Super Centurion® 250 Fire Hydrant

Mueller Co.



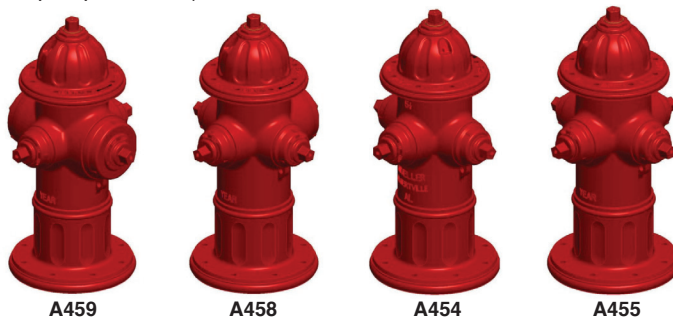
PRODUCT FEATURES

- 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.
- 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.
- Safety Flange and stainless steel Safety 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 force-flush 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 1/2" (114mm) main valve opening 3-way (2-hose nozzle/1-pumper nozzle)
- A423 5 1/4" (133mm) main valve opening 3-way (2-hose nozzle/1-pumper nozzle)
- A454 5 1/4" (133mm) main valve opening 3-way (3-hose nozzle)**
- A455 5 1/4" (133mm) main valve opening 4-way (4-hose nozzle)**
- A458 5 1/4" (133mm) main valve opening 4-way (3-hose nozzle/1-pumper nozzle)**
- A459 5 1/4" (133mm) main valve opening 4-way (2-hose nozzle/2-pumper nozzle), UL Listed and ANSI/AWWA C502



*2-way is a 200psig/12barg rated Centurion Hydrant.

**Hose Gate Valves required on FM Approved Models.

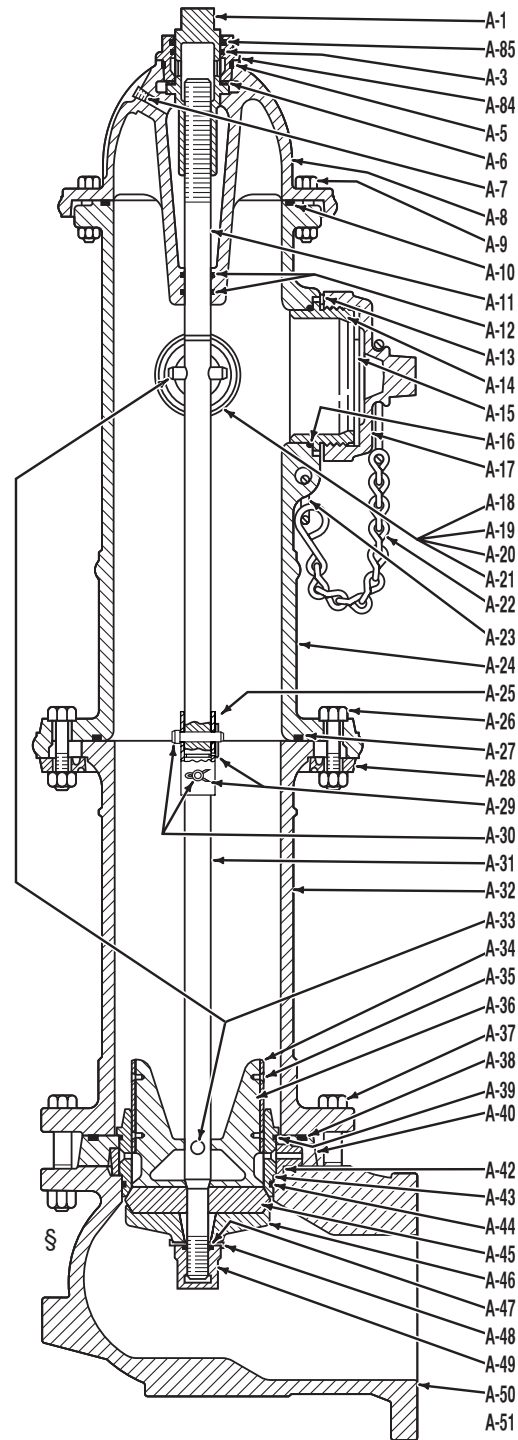
† Tall snow bury version (24"/600mm) available. Details upon request.

Super Centurion® 250 Fire Hydrant



PARTS LIST

ID	PART NAME	MATERIAL
A-1 ¹	Operating Nut	Bronze ASTM B584
A-3	Hold Down Nut O-Ring	Rubber ASTM D2000 BUNA N
A-5	Bonnet O-Ring	Rubber ASTM D2000 BUNA N
A-6	Anti-Friction Washer	Acetal
A-7	Oil Filler Plug	Brass ASTM B16
A-8	Bonnet	Cast Iron ASTM A126 CL.B
A-9	Bonnet Bolt & Nut	Steel J429 GR. 2
A-10	Upper Barrel O-Ring ²	Rubber ASTM D2000 BUNA N
A-11	Upper Stem	Steel ASTM A576 GR.1117
A-12	Stem O-Ring	Rubber ASTM D2000 BUNA N
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	Safety Coupling	Stainless Steel ASTM A890
A-26	Safety Flange Bolt & Nut	Steel SAE J429 GR. 2
A-27	Safety Flange O-Ring ³	Rubber ASTM D2000 BUNA N
A-28	Safety 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 ⁴	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 ⁵	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 ⁶	Rubber ASTM D2000 SBR
A-46	Lower Valve Plate ⁷	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 ⁸ – Flanged	Cast Iron ASTM A126 CL.B
A-84 ¹	Hold Down Nut	Bronze ASTM B584
A-85 ¹	Weather Seal	Rubber ASTM D2000 EPDM
A-51	10.5 oz. Hydrant Lubricating Oil	(not shown)



- 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

Nozzle Information:

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



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