FIRE HYDRANT

Model AG-F0733-250

Dry pillar hydrant



PRODUCT DESCRIPTION

The fire hydrant, will be a dry pillar linked to groundwater supply, by a shut-off valve. This hydrant meets all applicable parts of ANSI/AWWA C502 standard. Dry fire hydrants are used in places where might be freezing atmospheres.

TECHNICAL DATA

Model	AG-F0733-250
Working pressure	250 psi (17 bar)
Test pressure	500 psi (34,5 bar)
Working temperature	-10ºC to 82ºC (14ºF to 179,6 ºF)
End connection	Inlet: 1 x 6" Flange to ANSI B 16.1, Class 150 FF (Optional: Mechanical Joint to AWWA C111 Standard) Elbow or straight inlet Hose Nozzles: 2 x 2 ½" NH male threads to NFPA1963 Standard Pumper Nozzle: 1 x 4", 4 ½" or 5" NH male thread to NFPA1963 Standard or 5" non-threaded outlet Storz connection. Superior: Blind (Optional): 2 ½", 3" or 4" flanged monitor elbow ANSI B16.1 #125 or #150
Finish	Interior and exterior liquid epoxy painted red RAL 3000

(1) FM Approved just with 4" and 5" threaded pumper Nozzle and 5" Storz pumper connection.

It is possible to order it with other outlet configurations (UL listed) like 2 hose outlet and 2 pumper outlet, 3 hose outlets and 1 pumper outlet or 4 hose outlets.

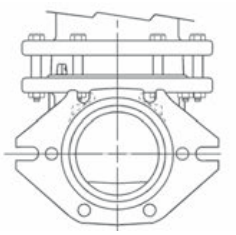
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MATERIALS

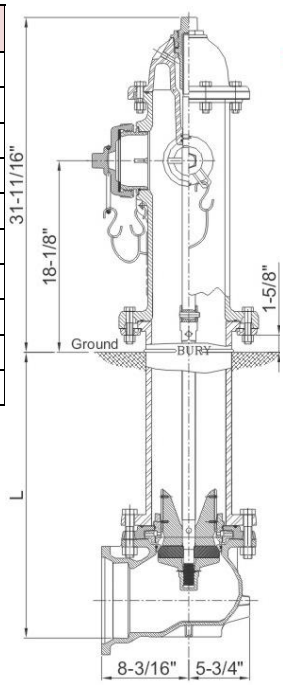
PART NAME	MATERIAL	ASTM SPECIFICATION
Operating nut	Bronze	ASTM B62
Hold down nut	Bronze	ASTM B62
O-Ring	NBR	Commercial
Bonnet	Cast iron	A 126 CLASS B
Bonnet bolt & Nut	Stainless steel	AISI 201
Upper rod	Carbon steel	AISI 1045
Pumper nozzle	Bronze	ASTM B62
Pumper nozzle gasket	NBR	Commercial
Hose nozzle	Bronze	ASTM B62
Hose nozzle gasket	NBR	Commercial
Pumper nozzle cap	Cast iron	A126 CLASS B
Hose nozzle cap	Cast iron	A126 CLASS B
Cap chain	Carbon steel	Plated
Standpipe upper	Cast iron	A126 CLASS B
Safety coupling	Stainless steel	A890
Safety flange bolt & Nut	Stainless steel	AISI 201
Safety flange	Cast iron	A126 CLASS B
Lower rod	Carbon steel	AISI 1045
Standpipe lower	Cast iron	A126 CLASS B
Stem pin	Stainless steel	A276
Drain ring housing	Ductile iron	A536 65-45-12
Drain ring	Bronze	ASTM B62
Seat ring	Bronze	ASTM B62
Bottom plate	Ductile iron	A536 65-45-12
Disc ring	NBR	Commercial
Bottom plate nut	Ductile iron	A536 65-45-12
Elbow	Ductile iron	A536 65-45-12

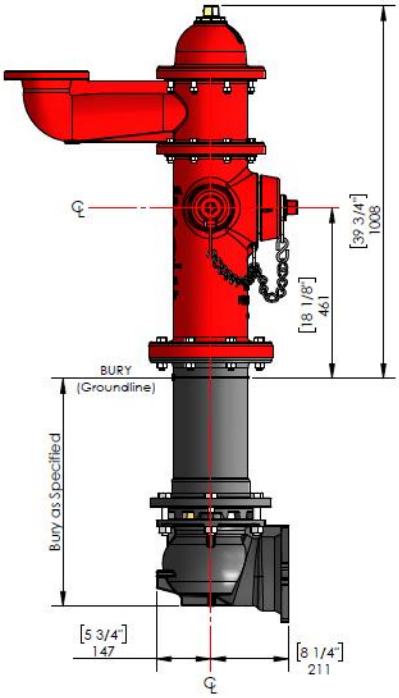
DIMENSIONS

BURIED DEPTH (L)		INLET	WEIGHT
306 mm	1’ – 0”	Elbow or straight flange 6”	144 kg
612 mm	2’ – 0”		157 kg
915 mm	3’ – 0”		170 kg
1065 mm	3’ – 6”		178 kg
1220 mm	4’ – 0”		183 kg
1370 mm	4’ – 6”		196 kg
1525 mm	5’ – 0”		200 kg
1675 mm	5’ – 6”		210 kg
1830 mm	6’ – 0”		215 kg
1980 mm	6’ – 6”		224 kg



Mechanical Joint
front view detail





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ORDERING INFORMATION

BURIED DEPTH	INLET	
	ELBOW 6”	STRAIGHT 6”
306 mm	AG-F0733-C01	AG-F0733-R01
612 mm	AG-F0733-C02	AG-F0733-R02
915 mm	AG-F0733-C1	AG-F0733-R1
1065 mm	AG-F0733-C2	AG-F0733-R2
1220 mm	AG-F0733-C3	AG-F0733-R3
1370 mm	AG-F0733-C4	AG-F0733-R4
1525 mm	AG-F0733-C5	AG-F0733-R5
1675 mm	AG-F0733-C6	AG-F0733-R6
1830 mm	AG-F0733-C7	AG-F0733-R7
1980 mm	AG-F0733-C8	AG-F0733-R8
2130 mm	AG-F0733-C9	AG-F0733-R9

Specify:

Model	
Quantity	
Buried depth	
Inlet connection	
Monitor connection	

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AG FIRE SPRINKLER

AG Fire Sprinkler offers a wide selection of components. Then a list of products is presented by AG Fire Sprinkler, we can offer all these components, made with precision to protect people, anywhere, anytime.

- Sprinklers
  - Standard Coverage
  - Extended Coverage
  - Storage
  - Dry
  - Accessories
- System Valves
  - Wet
  - Dry
  - Preaction Equipment
  - Accessories
- Spray System Open Nozzles
  - High Velocity Nozzles
  - Medium Velocity Nozzles
  - Window Nozzles
  - Hydroshield Nozzles
  - Mushroom Type Nozzles
- Foam equipment
  - Tanks
  - Proportioners
  - Foam Discharge Equipment
  - Foam Concentrates
- Deluge equipment for Water Spray and Foam
  - Clapper Deluge Valves
  - Diaphragm Deluge Valves
- Monitors
  - Manual Monitors
  - Remote Monitors
  - Monitor Nozzles
  - Towers and Trolleys
- Valves
  - Butterfly Valves
  - Gate Valves
  - Check Valves
  - Pressure Control Valves
  - Test and Drain
  - Hose, Hydrant and Fire Connection Valves
  - Fire Department Connections

The equipment presented in this bulletin is to be installed in accordance with the latest published Standard of the National Fire Protection Association, Factory Mutual Research Corporation, or other similar organizations and also with the provisions of governmental codes or ordinances whenever applicable.
This documentation is not contractual. AG Fire Sprinkler reserves the right to any kind of change without notice.

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