

SPECIAL HYDRANT

Model AGR6-4

Flanged steel hydrant



PRODUCT DESCRIPTION

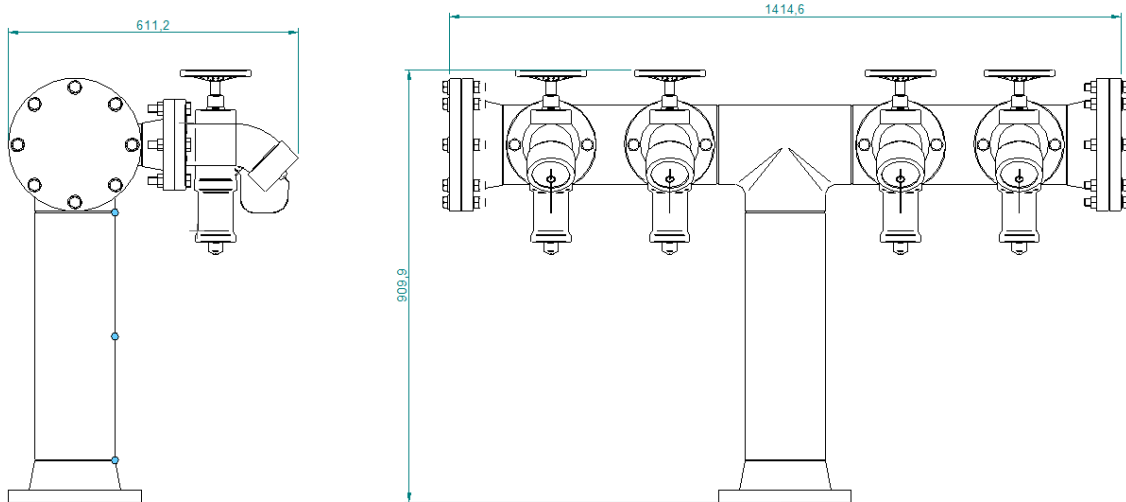
The model AGR6-4 is a special fire protection hydrant that would ease the access to the water supplied by an underground piping system. This model is provided of 4 outlets with a reducing pressure valve made of bronze.

This special fire protection hydrant is designed to work with seawater and could be located at offshore facilities. Its measures are up to the customer to be modified to adapt the hydrant to its location and performance.

TECHNICAL DATA

Models	AGR6-4
Working pressure	300 psi (20,7 bar)
Connections	Inlet: Flange ANSI B16.5 FF Ø6" #150 Outlet: 4 x 3" ANSI B16.5 150Lb flanges 1 x 4" ANSI B16.5 150Lb flange (optional for monitor)
Material	Carbon Steel
Finish	Inside and outside C5M treatment coating - Red RAL 3000

DIMENSIONS



PRESSURE REDUCING VALVE



The pressure reducing valves installed at the hydrant are designed to work specially with seawater due to their construction material, LG2 gunmetal.

This pressure reducing valves maintain an uniform firefighting pressure for fire mains and are usually installed at places where the normal pressure may exceed the safe operating pressure of portable firefighting equipment.

It is normally set at a pressure of 7 bar but it can be adjusted at any pressure indicated at the table located below.

Inlet working pressure	From 100psi to 290 psi (from 7 bar to 20 bar)
Outlet static pressure	From 5 bar to 8 bar (from 72 psi to 116 psi)
Factory test pressure	435 psi (30 bar)
Minimum flow rate	370gpm (1400 L/min)
Connections	Inlet: Flange ANSI B16.5 FF Ø3" #150 Outlet: 2 ½" BS 336 female Instantaneous coupling with cap and chain.
Material	Bronze LG2

INSTALLATION

Before installing the AGR6-4 check that all the components have no failure or slightly damage. Confirm that all the shut-off valves are completely closed. Before activating the water supply install the monitor at the top of the hydrant.

In case of installing a monitor at the top of the hydrant, it is necessary to install a shut-off valve, like a butterfly valve, for example, between the monitor and the hydrant.

This wet barrel hydrants should be located in places where the freezing is unusual because it could freeze the water and broke the hydrants at the flanges.

When you fill the hydrant, open slightly an outlet valve to purge the air contained inside the hydrant.

MONITOR CONNECTION



ORDERING INFORMATION

Specify:

Model	
Quantity	
Inlet connection	
Outlet connection	
Hose valves	

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.

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 - Extended Coverage
 - Storage
 - Dry
 - Accessories
- System Valves
 - Wet
 - Dry
 - Preaction Equipment
 - Accessories
- Spray System Open Nozzles
 - High Velocity Nozzles
 - Medium Velocity Nozzles
 - Window Nozzles
 - Hydrosshield 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.
