



Hydrants

OVERGROUND FIRE HYDRANTS

In pressurized water mains, hydrants are used on the ground to receive water from the fireman with the hose. The shaft that controls the hydrant valve consists of a spring-loaded valve (check valve) that sees the automatic discharge function, hose connection records and cast parts forming the main body. The hydrant is turned off when the shaft is rotated in the clockwise direction with the help of the hydrant switch, and the hydrant is opened when the shaft is turned in the opposite direction of the clockwise direction. In cold weather, the hydrant must be closed in order to discharge the water in the hydrant. The valve on the hull prevents freezing by draining the water in the hydrant when the water is not in use (when the hydrant is closed). The valve closes in the flow direction of the water (when the hydrant is opened). In this way, the pressure in the system is ensured to be leakproof.

