

CHECK VALVE

Retention or non-return valves are one the most utilized and most secure elements for our systems.

They are safety valves for the system and its function is to allow flow passage in one direction and prevent it from the other.

RG-SYSTEMS PROVIDES A WIDE VARIETY OF RETENTION VALVE MODELS DESIGNED FOR INSTALLATION IN FIRE EXTINGUISHING SYSTEMS THAT USE WATER MIST.

They are used both in water mist systems with pump groups and with cylinder groups and are made of stainless steel.

The **VALAN-WFR 8 retention valve** is used in pneumatic operation systems. It has a **1/4" G connection** and a nominal pressure of **400 bar**. RG-Systems will indicate its exact position in the system's assembly plans. Its function is typically to direct the flow of pneumatically activated pressure toward the points needed to cause precise action in the system, both in the group drive lines and in the jockey pumps in the pump groups.



The **VALAN-WFR 32 retention valve** has a **1 1/4" G threaded connection** and a nominal pressure of **250 bar**. It is installed at the output of the pumps to keep the water, once in the impulse collector, from receding back into the pumps.