

## External control valve for pre- and purging air



**schütze**  
SPRAYTECHNOLOGY



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### Useable for all spray valves!

Spray valves normally need two air connections. One for the atomizing air, the other one for opening the needle (control air). For most applications a lower atomizing air pressure than control air pressure is needed. Besides this it's advantageous to have a temporal delay between atomizing air and control air (so called "pre air" and "purging air"). This prevents that fluid forms drop instead of the desired atomisation.

Our new external control valve combines all demands. It works pneumatically. It receives from a separate 3/2 way solenoid valve an air pulse of 5 – 6 bar. This pulse starts the atomizing air, which can be reduced by the assembled pressure regulator to the needed air pressure. Delayed starts the control air without pressure reduction ( 5 – 6 bar). The closing process takes place in reverse order.

A second solenoid valve, its installation and activation is not necessary anymore.

For spray valves with separate supply of middle- and cone air (f.i. ASV. GF4), a second pressure regulator can be assembled to the control valve. In this way middle air and cone air can be regulated individually.

Special designs on request.  
Technical alterations reserved.  
For further information please contact us.