

## KINGSTON Safety Relief Valves



**Kingston Safety Relief Valves** for air, gas and steam protection. Models shown have set pressures as noted, but pressure settings up to 250 PSI are available.

**KNG570 Air/Gas** models feature brass/bronze construction with metal seat, rated for temperatures from -20° to +400° F. ASME section VIII, CE, CRN certified.

**KNG560 Steam** models feature brass/bronze construction with teflon seat, rated for temperatures from -300° to +450° F. ASME 1 steam rated, CE, CRN certified. (Rated for use with some chemicals also).

Part No.	Ports	Setting	Media
KG KNG570DD1M1K1-150	3/4" MxF	150 PSI	Air/Gas
KG KNG570EE1M1K1-150	1" MxF	150 PSI	Air/Gas
KG KNG570FF1M1K1-150	1-1/4" MxF	150 PSI	Air/Gas
KG KNG570GG1M1K1-150	1-1/2" MxF	150 PSI	Air/Gas
KG KNG570HH1M1K1-150	2" MxF	150 PSI	Air/Gas
KG KNG560DD1P1A1-60	3/4" MxF	60 PSI	Steam
KG KNG560EE1P1A1-60	1" MxF	60 PSI	Steam
KG KNG560FF1P1A1-60	1-1/4" MxF	60 PSI	Steam
KG KNG560GG1P1A1-60	1-1/2" MxF	60 PSI	Steam
KG KNG560HH1P1A1-60	2" MxF	60 PSI	Steam

## Unloader Valve Control Sets



**One Piece Pressure Control Sets** that include: Unloader Valve, Chemical Injector and Port Connections to fit many types of Plunger Pumps.

**Features:** Brass Construction • Ports that are 1/2" FPT inlet x 3/8" MPT outlet • Chemical Injectors are adjustable for injection rate • Universal fit for a wide range of pumps.



Part No.	Flow Rate	Max. PSI
AR AR21039	2-3 GPM	2600
AR AR21040	3-4 GPM	2600
AR AR20400	3-5 GPM	3650



## Unloader Control Sets for General Pumps

**Trapped Pressure Unloader Sets** to fit General Plunger Pumps. Compact design eliminates the need for bypass hoses. Easily mounts to either side of pump manifold. Trapped pressure design with internal bypass. Built-in chemical injector with metering adjustment. Rated to 3000 PSI and 200° F. Ports are 1/2" F inlet and 3/8" M outlet.



Models ZKW21, ZKW21L	2.9 - 4.5 GPM
Model ZKW21 used on pump models:	TS1371, TT1411, TT1611, TT9351, TT9441, TT9971, All EZ Pumps
Model ZKW21L used on pump models:	T811, TS1011, TS1311, TS 1331, TS1511, TS1711, TS2011, T9131, T9211
Model ZKW22L	4.5 - 6.0 GPM
Model ZKW22L used on pump models:	T821, T921, T1021, T1321, T1621, T9121, T9161, TS821, TS921, TS1321, TS1521, TS1621, TS2021

Part No.	Flow Range
IP ZKW21	3.0 - 4.5 GPM
IP ZKW21L	3.0 - 4.5 GPM
IP ZKW22L	4.5 - 6.0 GPM



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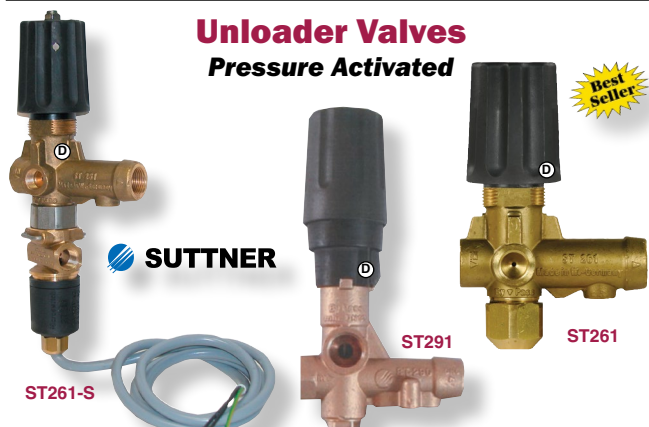
## Pressure Actuated Unloader Valves



**Pressure Actuated, High-Flow Unloaders** from AR Pumps. VRT Series Unloader features brass construction and stainless steel internals. Designed to bypass at near zero pressure. Ports are 3/8" FPT inlet, outlet and bypass on AL607X and VHP39. Ports are 1/2" F on VRT Series. Rated to 194° F.

Part No.	Max. PSI	Max. GPM	Spring
AR AL607X	4500	8.0	Black
AR VRT100-190	2800	26	Yellow
AR VRT100-330	4800	26	Blue
AR VHP39	5500	11	Black

## Unloader Valves Pressure Activated



Best Seller

**Suttner Pressure Activated Unloader Valves.** Designed for single wand applications except for **ST280** which can handle multiple wands. 3/8 FPT inlet and outlet ports. **S** models have pressure switches rated to 5amps at 110V or 3 amps at 250 V. Various pressure ranges shown. Rated to 275° F.



Part No.	Pressure	Flow	Switch
NP ST261L	100-1000 PSI	8 GPM	No
NP ST261	500-3600 PSI	8 GPM	No
NP ST280	*500-4000 PSI	8 GPM	No
NP ST291	850-5070 PSI	8 GPM	No
NP ST265	1000-5070 PSI	13 GPM	No
NP ST261-S	500-3600 PSI	8 GPM	Yes
NP ST265-S	1000-5070 PSI	13 GPM	Yes

\* For single or multiple wands

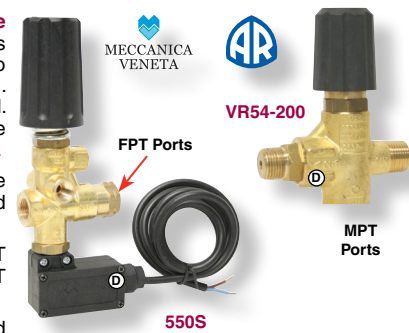
## Unloader Valves Pressure Sensitive

**High Quality Pressure Unloader Valves.** Relieves bypass pressure to zero when in bypass mode. Brass bodies are standard. Available with male or female ports for ease of plumbing.

**550S** features a pressure switch rated to 15 amps and up to 250 volts.

**VR54-200** features 3/8" MPT inlet and outlet and 3/8" FPT bypass.

**550** features 3/8" FPT inlet and outlet with 1/4" FPT bypass. All are rated to 194° F.



Part No.	Max. PSI	Max. Flow
MV VR54-200	2900	8 GPM
MV 550	4500	8 GPM
MV 550S	* 4500	8 GPM

\* Features pressure switch.