

Unloader Valves

- Pressure Actuated -

Unloader Valves Pressure Activated



SUTTNER

ST261-S

ST291

ST261



ST265

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 110 V 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

ST261I Pressure Activated Unloader Valve with chemical injection feature. Adjustable design allows for setting on both maximum and minimum pressures. Brass body with Teflon and Viton® seals for heat and chemical resistance. Rated from 500 to 3600 PSI and 176° F. 3/8" FPT inlet and outlet ports. 1/4" FPT bypass and gauge ports. Injection feature allows for use with high/low wand assemblies to inject chemicals downstream of the pump. Rated for different pump flows as noted below.



ST261I

Part No.	Flow Rate	PSI
NP ST261I18	1.50 to 2.25 GPM	500 to 3600
NP ST261I21	2.25 to 3.35 GPM	500 to 3600
NP ST261I24	3.35 to 5.00 GPM	500 to 3600



AL607X
VHP39

VRT100-190

VRT100-330

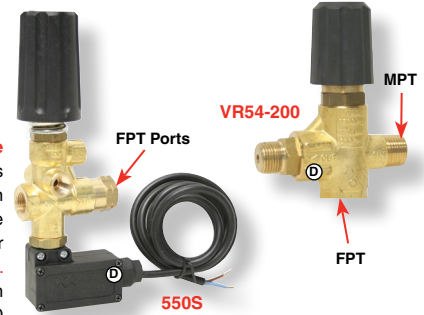
Pressure Actuated, High-Flow Unloaders from AR Pumps. VRT Series Unloader features brass construction and stainless steel internals. Designed to bypass at near zero pressure. Ports are 3/8" FPT inlet, outlet and bypass on AL607X and VHP39. Ports are 1/2" F on VRT Series. Rated to 194° F.

Part No.	Max. PSI	Max. GPM	Spring
AR AL607X	4500	10	Black
AR VRT100-190	2800	26	Yellow
AR VRT100-330	4800	26	Blue
AR VHP39	5500	11	Black

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



Part No.	Max. PSI	Max. Flow
MV VR54-200	2900	8 GPM
MV 550	3600	10 GPM
MV 550S	* 3600	10 GPM

* Features pressure switch.

High Pressure Unloader Valves



Pressure Sensitive Unloader Valves are designed to "trap" pressure when gun is closed and drop bypass pressure to zero. When gun is opened, immediate pressure is available. Designed for single gun applications but can be adapted for multiple guns if required. Standard with brass bodies and buna seals, except for **YU2158** which has a stainless body. **YVB4021HT** is for single or multiple guns.



YU2140 Green
YU2121 Yellow

PULSAR4

YVB8KMS

YU3723
YU5221

Part No.	Ports	Max. GPM	Max. PSI	Max. Temp.
IP PULSAR4	3/8" FPT	10	4000	195° F.
IP YVB8KMS	* 3/8" FPT	8	3200	195° F.
IP YU5075K	3/8" FPT	10	5100	195° F.
IP YU5075KMS	* 3/8" FPT	10	5100	195° F.
IP YU2121	1/2" FPT	21	2300	200° F.
IP YU2140	1/2" FPT	21	4000	200° F.
IP YVB4021HT	1/2" FPT	21	4000	195° F.
IP YU2158	** 1/2" FPT	21	5800	200° F.
IP YU3723	3/4" FPT	37	2300	195° F.
IP YU5221	1" FPT	53	2200	200° F.
IP ZH1520	1" FPT	53	2465	185° F.
AR VHP31	† 1" FPT	66	4000	195° F.

* With 5 Amp / 250 Volt MicroSwitch. ** Stainless Steel Body.
† AR Brand.

Pressure Unloader Valves



Pressure Unloader Valve from General Pump is designed for control and protection on high pressure pumps. Trapped pressure style. Bypasses at zero pressure. Brass, Stainless and Buna materials. Inlet, outlet and bypass ports are 3/8" FPT. Adjustment knob is fitted with a locknut for pressure regulation. Rated to 8 GPM and 4000 PSI. Maximum temperature is 194° F.

Part No.	Max. Flow	Max. PSI
IP 2100242	8.0 GPM	4,000



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