

# QuantumZ

## AU2145 Flow Unloader

### FEATURES

- Near total zero setting of the outlet pressure at gun closure increases safety
- Reduced pressure loss
- Makes for easier gun operation
- Extremely reliable
- Easy maintenance

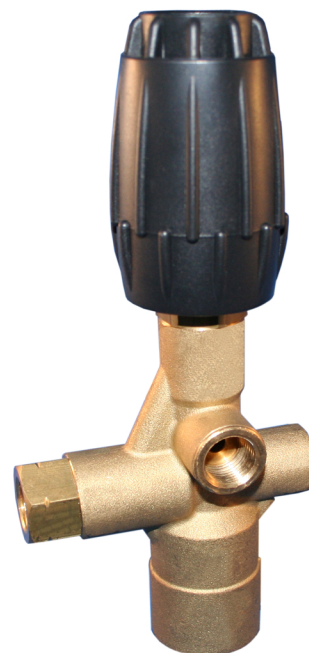
### SPECIFICATIONS

Part Number	AU2145
Max. Volume	5.3 to 21.0 GPM
Max. Pressure	4050 PSI
Min. Pressure	580 PSI
Max Temperature	140 <sup>0</sup> F

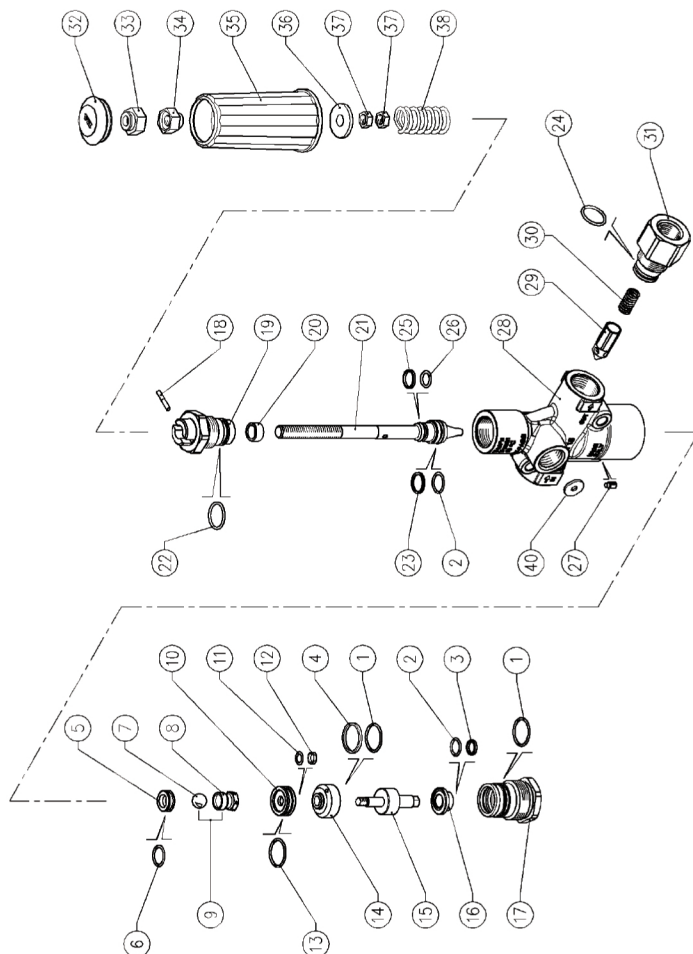
Note: The valve has been designed for continuous use at a water temperature of 140<sup>0</sup> F. It can operate for short periods at a maximum temperature of 195<sup>0</sup> F.

Port Sizes:	Inlet	1/2" BSP-F
	Outlet	1/2" BSP-F
	Bypass	1/2" BSP-F

Overall Dimensions	9.35" x 4.42" x 2"
Weight	3.8 lbs.



### PARTS LIST



ITEM	PART #	DESCRIPTION	QTY
1*	Y10307308	O-ring, 1.78x23.52	2
2*	Y10306000	O-ring, 1.78x12.42	2
3*	Y10416500	Back-up Ring	1
4*	Y10406000	Back-up Ring, 22x24x2	1
5*	Y60280351	Seat, 10mm, SST	1
6*	Y10306401	O-ring, 1.78x14mm	1
9*	Y60281621	Shutter Pin, M8 + Ball, 1/2"	1
10	Y60280631	Piston Ring, Brass, 9mm	1
11*	Y10305801	O-ring, 1.78x10.82mm	1
12*	Y10406100	Back-up Ring, 9x11x2mm	1
13*	Y10307002	O-ring, 1.78x18.77mm	1
14	Y60280731	Piston Ring, Brass, 9x26.9mm	1
15	Y60280251	Pin, SST	1
16	Y60280831	Piston Ring, Brass, 10.7mm	1
17	Y60281031	Lower Plug, Brass	1
18	Y15102100	Roll Pin, 3x14mm, SST	1
19	Y60280431	Piston Holder, Brass	1
20*	Y30072884	Bushing, 9x13x6mm	1
21	Y60281351	Valve Piston, SST	1
22*	Y10306801	O-ring, 1.78x17.7	1
23*	Y10416100	Back-up Ring, 18mm	1
24*	Y10307261	O-ring, 1.78x21.95	1
25*	Y10416200	Back-up Ring, 14.2mm	1
26*	Y10305700	O-ring, 1.78x9.25mm	1
27	Y16220300	Set Screw, M6x10mm, SST	1
28	Y60280535	Housing, 1/2 BSP-F, Brass	1
29	Y60280151	Set Shutter	1
30	Y60281251	Spring, 1.5x12.5x32mm, SST	1
31	Y60280931	Shutter Coupling, 1/2 BSP-F, Brass	1
33	Y11458910	Hex. Locknut, M8	1
35	Y60002424	Knob + Plug	1
36	Y14372040	Washer, 9.2x24x0.5mm	1
37	Y11457331	Hex. Nut, M8, Brass	2
38	Y60003361	Spring, 5.7x25x53mm	1
40	Y60262431	Nozzle, 4.5mm, Brass, 1/2 BSP - optional	1
40	Y60262531	Nozzle, 5.5mm, Brass, 1/2 BSP - optional	1
*	Y60281424	Repair Kit	1

FLOW SENSITIVE

FLOW SENSITIVE