

RELIEF VALVE

Application

These relief valves are ideal for air service. The valve will weep slightly at set pressure and achieve full lift and high flow by 110 percent of their rated set pressure.

Features

- Bubble tight at 95% of set pressure.
- Easy to read color coded psig / bar labels.
- Unique tamper resistant and staked adjusting screw.
- Repeatable performance.
- 100% factory tested.
- Temperatures Range -320 to +212 F
- Set pressures range from 25-600psi

Materials

BodyBrass
 Spring.....Stainless Steel
 Seat Retainer.....Brass
 Adjusting Screw.....Brass
 Seat Disc (Below 140psi).....Fluorosilicone
 (Above 140psi).....Teflon

* 6pc minimum order for each size relief valve



Flow Data for 1/4", 3/8" & 1/2" Relief Valves:

Set Pressure PSIG	Flow Pressure PSIG	Flow Rate SCFM Air
25	24	29
50	55	52
100	110	93
150	165	134
230	253	200
350	385	298
400	440	339
450	495	380
500	550	421

Also available with all stainless steel components.

Part # Specify Relief Setting "xxx"	Pull Ring	Body	A (NPT) Male	B Ht.	C (In.) Hex	Relief Setting	List Price	
28-390-xxx	Yes	Brass	1/4	3.0	7/8	Available in settings from 17-600 psi.	POR	
28-391-xxx	No			2.6			POR	
28-392-xxx	Yes			1/2			3.2	POR
28-393-xxx	No						2.8	POR
28-394-xxx	No	Stainless Steel	1/4	2.6			POR	
28-395-xxx	No			1/2			2.8	POR

28-390-230 indicates part # 28-390 with a pull ring set at 230.

CHECK VALVES

*Only come in 25psi setting

- A check valve specifically designed and manufactured for the car wash/pressure washing industry.
- Unique two piece construction allows the user to dis-assemble the valve, clean and replace seals as necessary.
- Both valves which are available in 1/4" and 3/8" NPTF contain O-rings of Viton7 and Buna-N for long-lasting durability.
- Maximum operating pressure on each valve is 200 psi.
- Cracking pressure is 5 psig.



Part #	Material	Thread (Both Ends)	A - Length (in)	B - Width (in)	List Price
28-396	ASTM B 16 Brass	1/4 NPTF	3.03	1.00	79.82
28-397	ASTM B 16 Brass	3/8 NPTF	3.03	1.00	96.14
28-398	303 Stainless Steel	1/4 NPTF	3.03	1.00	139.65
28-399	303 Stainless Steel	3/8 NPTF	3.03	1.00	154.13

See more check valves on page 151

ACCESSORIES

