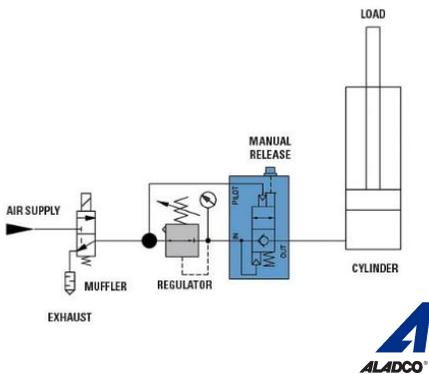


EQUA-CHECK® PNEUMATIC CHECK VALVE



The Equa-Check® valve, designed specifically for pneumatics, is a patented Aladco® product. It is the only check valve on the market with both manual and pilot release capabilities. Equa-Check® valves are pilot operated check valves where the pilot pressure is balanced by the IN chamber pressure. Load balancing systems are a type of application that can benefit from the functions of an Equa-Check® valve.

A typical use of an Equa-Check® valve involves combining it with a pressure regulator system to control air flow to and from one port of a tensioning or balancing cylinder. With an appropriate combination of a pressure controller and other pneumatic components, a control system using an Equa-Check® allows two-way flow for normal balancing or tensioning operation and position lock under supply pressure loss, standby or safety stop conditions. A combined valve system can have excellent fail-safe and assured control properties.

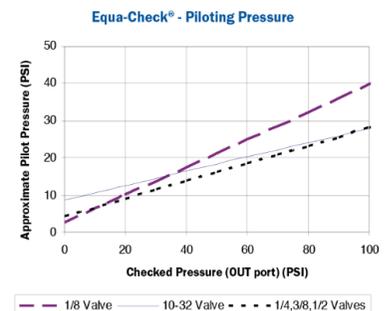
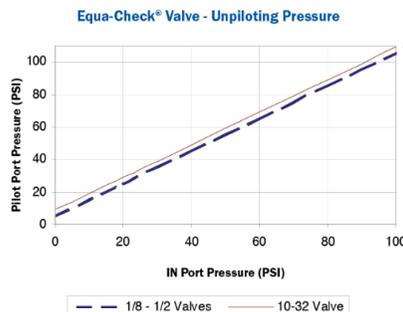
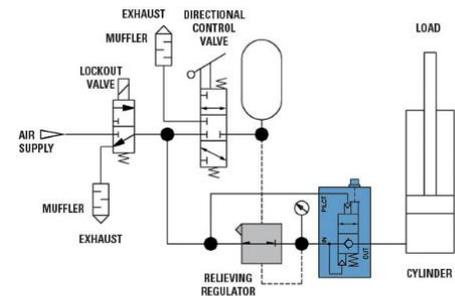


Features:

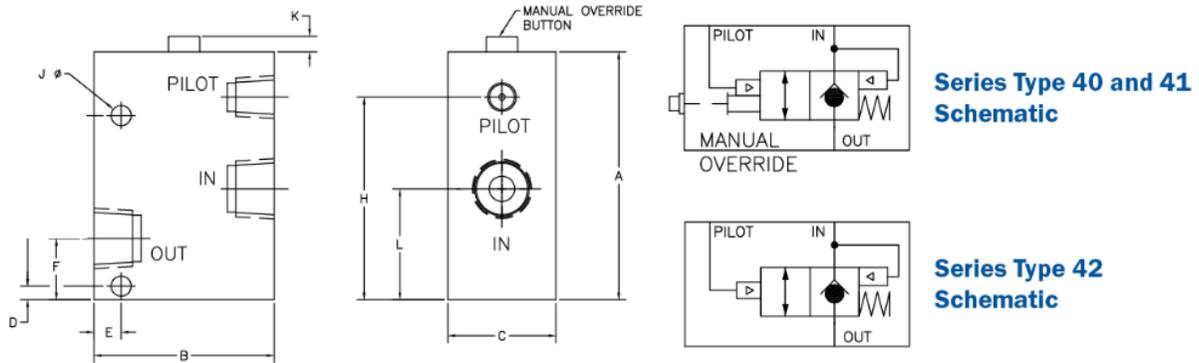
- Superior, self-cleaning ball seal provides long product life
- Exceeds ANSI Class VI Leak Standard (bubble tight)
- Body is made of high strength, lightweight, anodized 6061 aluminum alloy
- Variety of porting options
- Designed for use with lubricated or non-lubricated air systems
- Tamper resistant with no required maintenance
- Prevents load drift and provides rapid stopping of load
- Patented and Made in Waukesha, Wisconsin USA
- Standard 3-year warranty

Additional Notes:

- Standard seal is Buna-N (30° to 250° F temperature range); Viton® (-15° to 400° F temperature range) is also an available option
- MTTF is over 100 million cycles for Buna-N seals and over 40 million cycles for Viton® seals
- NPTF Ports conform to ASME B1.20.1-2013 Pipe Threads, General Purpose (Inch)
- BSPP (G) and M5 Ports conform to ISO 16030:2003: Pneumatic fluid power – Connections – Ports and stud ends
- Operating pressure is 15 to 120 psi
- Operating temperature 30° to 150° F
- 10-32 UNF models have only one mounting hole



Equa-Check® Pneumatic Check Valve Dimensions



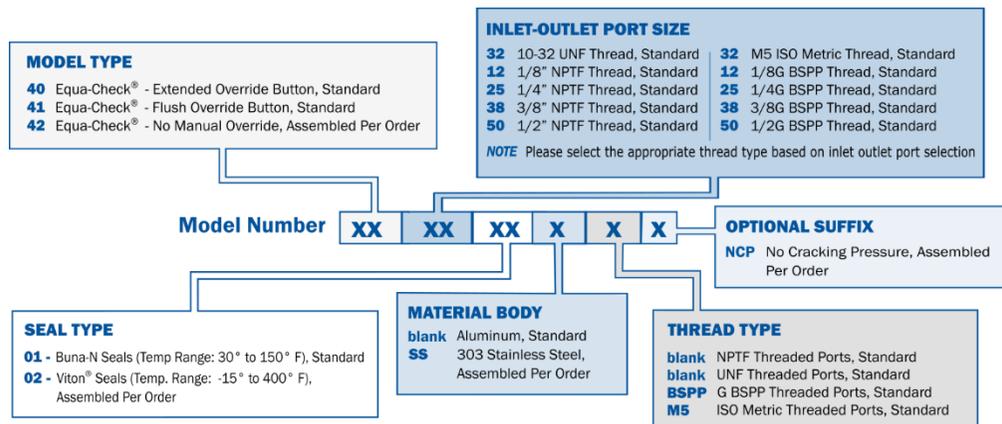
DIMENSIONS & SPECIFICATIONS																	
Port Size	A	B	C	D	E	F	G	H	J	K	L	Pilot Port	Cracking Pressure	CV	Pilot Ratio	Weight (AL)	Weight (SS)
#10-32	1.75	1.00	0.75	1.15	0.15	0.39	NA	1.50	0.19	0.18	0.84	#10-32	2 - 4 psi	0.2	NA	0.20	0.40
1/8"	2.61	1.50	1.00	0.20	0.19	0.63	1.75	1.98	0.22	0.18	1.17	1/8"	2 - 4 psi	0.8	NA	0.40	1.00
1/4"	3.46	2.50	1.50	0.20	0.38	0.87	2.38	2.83	0.28	0.17	1.53	1/4"	2 - 4 psi	1.7	NA	1.20	3.20
3/8"	3.46	2.50	1.50	0.20	0.38	0.87	2.38	2.83	0.28	0.17	1.53	1/4"	2 - 4 psi	1.7	NA	1.20	3.10
1/2"	3.46	2.50	1.50	0.20	0.38	0.87	2.38	2.83	0.28	0.17	1.53	1/4"	2 - 4 psi	1.7	NA	1.20	3.10

*All A-L dimensions in inches; weight in pounds

Disclaimer:

- This valve has not been designed for use on vacuum, air over oil or high pressure applications
- Technical details subject to change without notice

Model Ordering Information



Model Examples:

Model 401201BSPP is a Equa-Check® valve with 1/8" BSPP threaded Inlet-Outlet port, Buna-N seal, and an extended override button.
 Model 401201 is a Equa-Check® valve with 1/8" NPTF threaded Inlet-Outlet port, Buna-N seal, and an extended override button.