

ECONOMATIC DRAINS

ECONOMATIC drains are used to automatically drain filters, tanks, drain legs, aftercoolers and receivers. To trap large debris and sludge, a Y-strainer is included with the drain.

The drain can be set for manual operation or the drain interval and duration times can be preset. The drain interval can be adjusted between one to 60 minutes and the drain duration can be set from one to 30 seconds. The drain features: solid state adjustable controls, a corrosion-resistant, waterproof, molded solenoid coil, Buna N seals, a brass and stainless valve, a rust- and corrosion-proof NEMA 1 enclosure, an indicator light, and a heavy-duty, grounded, six-foot power cord.



Maximum operating pressure: 200 PSIG
 Maximum fluid temperature: 165°F
 Ambient temperatures: 35°F to 165°F
 Voltage: 115/1/60 Amps: .25

Part No.	NPT	Length	Depth	Height	Weight Lbs.
5702S	1/4"	4 15/16"	4 7/16"	3 11/16"	1.6
5704S	1/2"	5 7/16"	4 7/16"	4 3/16"	2.4

AIR FLOW CHECK VALVES

These are designed to protect workers from accidents caused by air hose whip, a potentially dangerous situation that occurs when air hoses snap while under high pressure loads.

When an air hose ruptures, the flow check valve senses an increase in air flow and automatically reduces the flow to a safe level. As a reminder to shut off the air supply before replacing the ruptured hoses, the check valve has an exhaust bleed rate of 9 SCFM at 100 PSI.

These units are easy to install. The inlet pipe port of the check valve is threaded into the compressed air line upstream of the air hose. The air hose is threaded into the outlet port of the check valve.



CONSTRUCTION: Protective, yet lightweight, anodized aluminum housing.

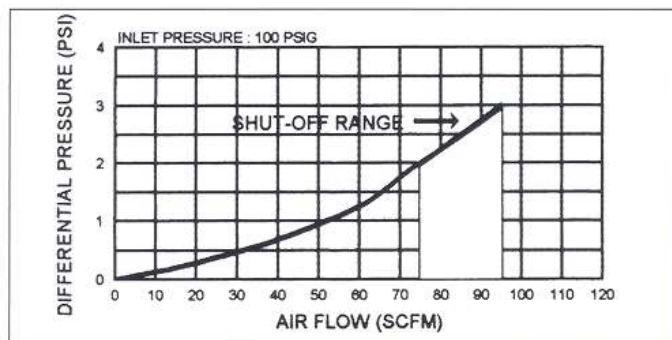
Maximum operating pressure: 300 PSI
 Maximum temperature: 160°F

Part No.	NPT	Shut Off Range* SCFM	Overall Length	Flats	Weight Lbs.
5074	1/2"	85 +/- 10	3 7/8"	1 1/2"	.44
5076	3/4"	100 +/- 10	3 7/8"	1 1/2"	.40

Flow Characteristics – Air Flow Check Valves

5074

Differential Pressure vs. Air Flow



5076

Differential Pressure vs. Air Flow

