

# Lab Safety Equipment



# 586 SERIES

## Emergency Shut Off Valves

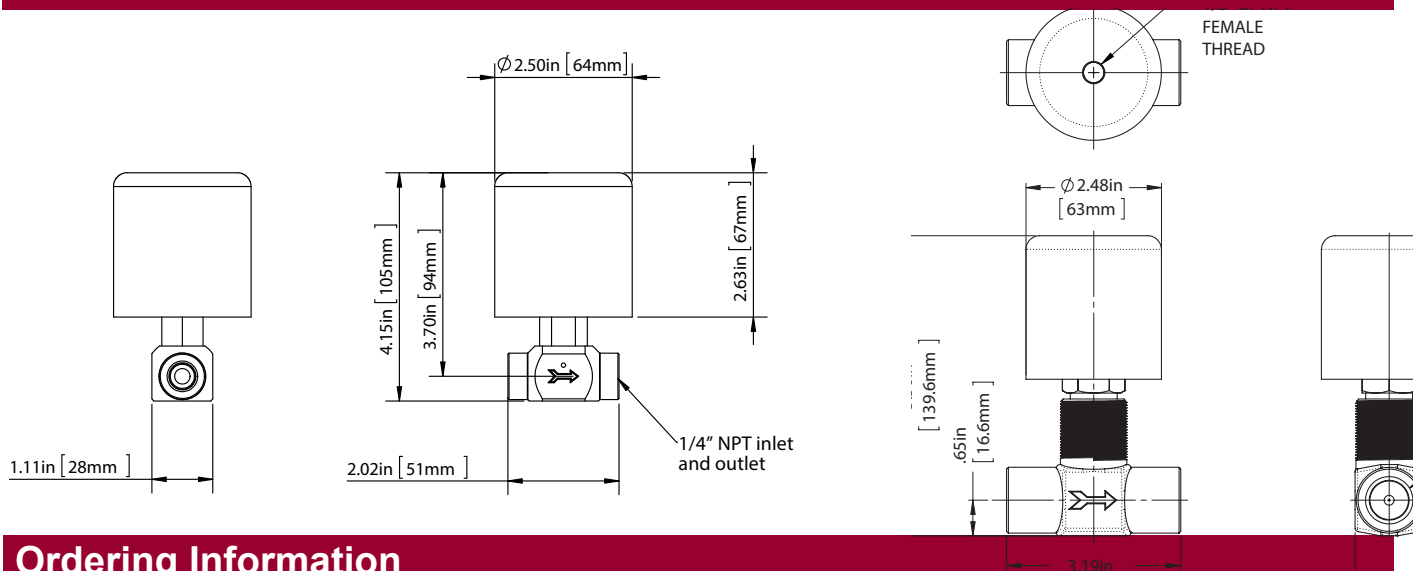
The 586 Series Emergency Shut Off Valve kits are ideal for use as safety devices in high purity, flammable, toxic, or corrosive gas systems where fail-safe shutdown of gas supply and flow is required. The pneumatically-actuated packless diaphragm valves feature long life Egiloy® diaphragms, metal to metal seals, and nickel-plated aluminum actuators. Designed for out of the box control by the CONCOA 585 Emergency Shut Off Controller, these normally closed valves can be integrated into any CONCOA gas delivery system to provide instantaneous shut off. The single valve kit comes with one valve, hose barb connections, and tubing to support a single gas source such as a regulator. The dual valve kit is supplied with two valves, hose barbs, hose barb tee, and tubing to control both headers on a switchover from a single pneumatic source.

### Materials and Specifications

Maximum Inlet Pressure	3500 PSIG (240 BAR)
Temperature Range	-40°F to 140°F (-40°C to 60°C)
Helium Leak Integrity	1 x 10 <sup>-9</sup> scc/sec
Maximum Seat Leakage	2 x 10 <sup>-9</sup> scc/sec helium
Bodies and Fittings	316L stainless steel
Actuator Housing	Nickel-plated aluminum
Cv	0.17 or 0.30 (high flow)
Actuation Pressure	70 to 125 PSIG (5 to 8 BAR) air to open



### Installation Dimensions



### Ordering Information

Order no.	Description
586 1001	Single valve kit (1/4" FPT process ports)
586 1002	Dual valve kit (1/4" FPT process ports)
586 2001	High flow single valve kit (1/2" FPT process ports)
586 2002	High flow dual valve kit (1/2" FPT process ports)