

Model 15-794-B Pressures to 350 psig

Stainless Steel 1/2" Pilot-Piston CO₂ Valve

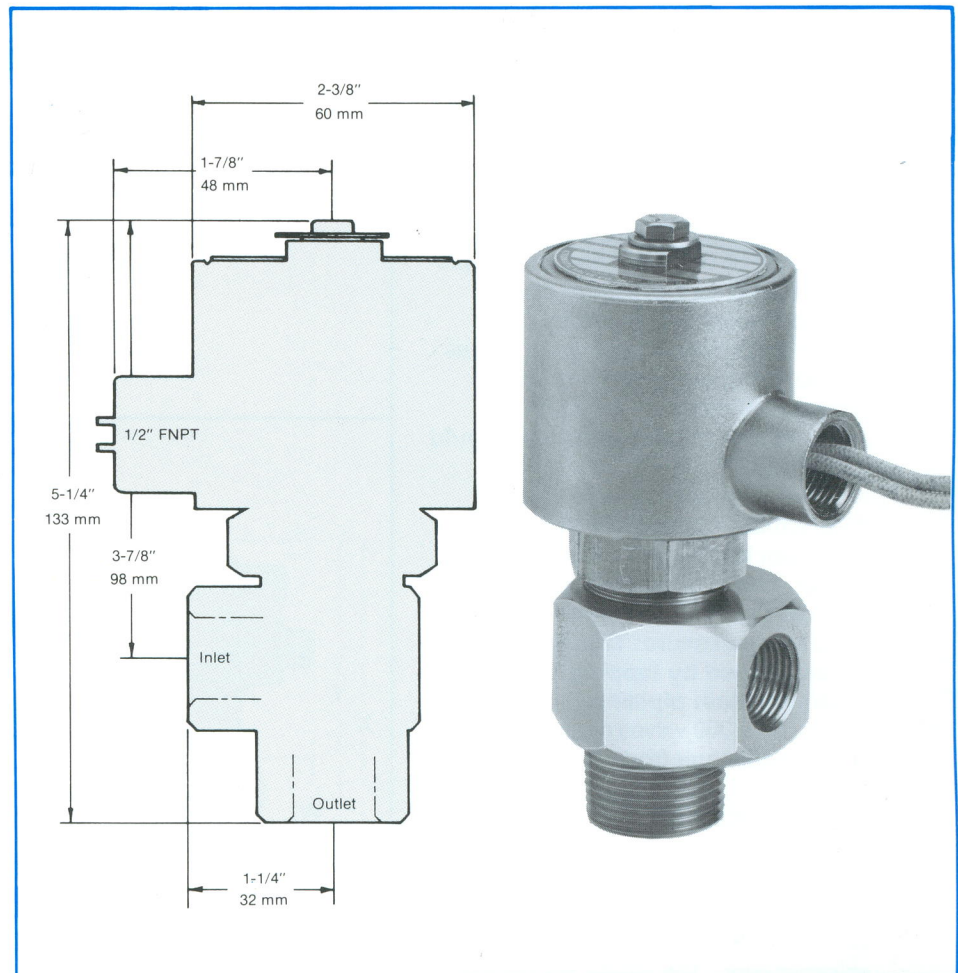
Features — Application

This valve was specifically designed and manufactured for industrial use in a variety of applications using liquid CO₂. The primary application has been a shut-off valve for an application dispensing solid CO₂ as snow for use in packaging food products. The outlet of the valve has a 1" diameter outside male thread for adaptation to the CO₂ bell or horn. There is also a 1/2" diameter inside female pipe thread for the installation of various types of CO₂ nozzles. The valve can be used for direct mounting on CO₂ tunnels.

Construction

This valve is a pilot operated valve made from 316 stainless and teflon. It has a nickel-plated waterproof coil housing and has been internally designed to eliminate the freezing action so often encountered in valves handling CO₂.

The valve must be mounted upright with solenoid on top.



For Local Support & Service Contact:

Motion Industries

PERFORMANCE DATA

Voltage: AC as specified
Fluid: Liquid carbon dioxide (CO₂)
Operation pressure: 3-350 psig

Rated pressure: 350 psig
Flow factor (CV): 3

Utilized in "snowhorn" applications at the majority of packing houses nationwide, this valve releases liquid CO₂ into a piped dome where solid CO₂ is then bounced out as dry ice. CO₂ is -109 degrees F. The formation of the dry ice by-product is beneficial as it also removes any oxygen molecules that are present and thereby helps prevent the growth of bacteria.

Please utilize Model 15-794-30BP to order. This is a standard stock item out of our Overland Park, Kansas office and is available for immediate shipment.