

CONRADER IN-TAKE CONTROL VALVE OPERATION

Installed directly upstream of the rotary compressor, the ICV controls the volume of free air pulled into the compressor. The ICV is modulated to be fully open, partially closed, or fully closed depending on the demand produced by the compressor. The check valve closes to prevent back flow through the air filter

A Intake Control Valve is not a One-Size-Fits-All product

There are many variables to consider and each variable changes, dependent on the OEM specifications

We can replace many popular OEM models from Gardner Denver, Atlas Copco, Quincy, Kaishan, IR, Palatek & Sullair. Please email info@controlsandcomponents.com the following for us to provide an accurate quote to you.

- 1 What is the make and model of the Air Compressor?
- 2 What is the OEM part number?
- 3 What is the cracking Pressure (PSI)?
- 4 What thread size and type?
- 5 Are there any additional side ports?
- 6 Please provide images of the valve you are replacing

All In-Take Control Valve inquiries must be sent in via email

DESIGN FEATURES

- Flow Passages designed for low pressure drop
- Straight-through and 90° designs available
- PTFE seat for resilient seal
- Modulation pressure set for customer needs
- Viton/Buno-N O-rings for lubricant compatibility
- Inlet and Outlet side ports
- Compact design
- Cast aluminum body
- Aluminum, Brass, and Stainless steel components
- Max operating pressure 250 PSI
- Operating Temp -35°F to 250°F

OPTIONS:

- Inlet and Outlet connections designed per customer needs
- Viton or Buna O-rings
- Aluminum anodized components
- Custom port configurations upon request



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