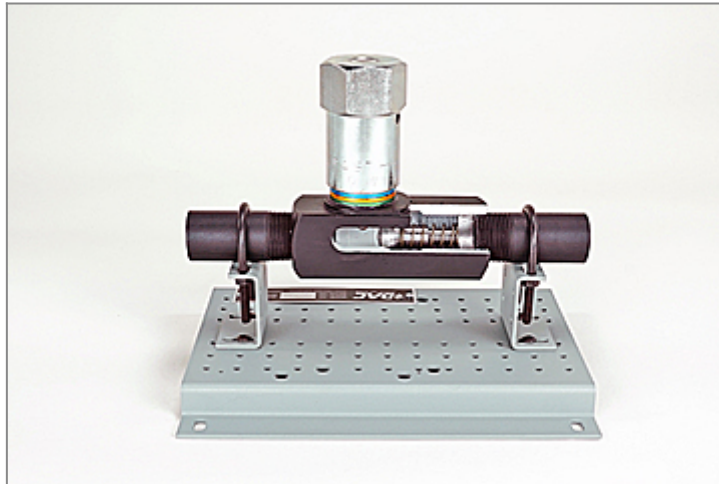


# Hydraulic Manual Flow Control Valve, with Reverse Check, Cutaway



Model: 773-210V

DAC Worldwide's Hydraulic Manual Flow Control Valve, with Reverse Check, Cutaway (773-210V) is a sectioned, in-line stepped needle valve example with internal reverse check valve, which incorporates a commonly-encountered valve type manufactured by an industry leader. Manual flow control valves are among the most common components in industrial and commercial hydraulic power systems, providing precise control of flow and/or shut-off.

A specialized, angled formed-steel support assembly - and an on-board graphic of the component's symbol - enhances the device's usefulness to the instructor and encourages self-discovery by the student. Multiple cutaways unveil all internal components including pistons and inlet/outlet connections. The training aid also enhances classroom training in hydraulic system design, maintenance, troubleshooting, and preventive/predictive maintenance. The full-size, fully-detailed example gives learners a first-hand view into a component that is found in various applications worldwide.

Thanks to carefully planned sectioning, the complete internal configuration of this manual flow control valve can be seen, while allowing for disassembly for more complete inspection and convenient classroom training in the operation, construction, and maintenance of these common pieces of hydraulic equipment. This professionally-crafted, yet-economical component sample will enhance fluid power training activities in both the industrial and the educational setting.

## **Enhance Training with Hands-On Cutaway Industrial Components**

This Hydraulic Manual Flow Control Valve, with Reverse Check, Cutaway provides a full cutaway view of the hydraulic control valve body that exposes the complete internal components, flow path, and operating principles. Economically mounted on a formed-steel and powder-coated baseplate assembly, the product can be mounted on a variety of related optional display, storage and workstation products.

The cutaway features carefully-planned cutaway areas that are individually mounted, and possess the ability to be removed from the baseplate for convenient classroom use. All of the cutaway's components are also visible and have been retained, enhancing students' visual learning. This handcrafted teaching device will support instructor-

led training and independent student self-discovery in a variety of vocational and academic fluid power programs.

The equipment used within the cutaway is cleaned, primed and painted using a high-endurance urethane coating, providing durability to stand up to frequent use. In addition, all of the component parts are color coded to enhance the learning process.

### **Expand Training with Additional Hydraulic Model Options**

The Hydraulic Manual Flow Control Valve Cutaway is only one of DAC Worldwide's expansive hydraulic training cutaways, including a Hydraulic Pressure Gauge Cutaway (773-050), a Hydraulic Filter Cutaway (773-055), a Double-Acting Hydraulic Cylinder Cutaway (773-110), a Bladder Accumulator (773-195), and more!

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### **FEATURES & SPECIFICATIONS**

- Component selected for industrial relevancy from well-known US manufacturers
- Full component cutaway unveiling flow path, internal components, and operating principle
- Powder-coated 13-gauge formed-steel mounting bracket allowing for independent support/display or mounting on specialized optional steel mounting baseplates and display structures
- Refinishing of external surfaces, if warranted, using a high-durability urethane coating
- Durable membrane-type, adhesive-backed identification label with component description and symbol
- Provision for mounting on related optional, display, and storage structures
- Packaging for shipment via parcel service or mail service

### **PRODUCT DIMENSIONS**

- **Product Dimensions**  
(LxWxH)  
3" x 6" x 6" (75 x 150 x 150 mm)  
8 lbs. (3.5kg)
- **Shipping Dimensions**  
(LxWxH)  
12" x 12" x 12" (305 x 305 x 305 mm)  
10 lbs. (4.5 kg)

### **OPTIONS**

- Recommended #902V Mobile Display Stand
- #534-000 - IPT Industrial Hydraulics Manual
- #534-001 - IPT Industrial Hydraulics Handbook

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