

Condenser Pressure Control Valve (KVR) Cutaway

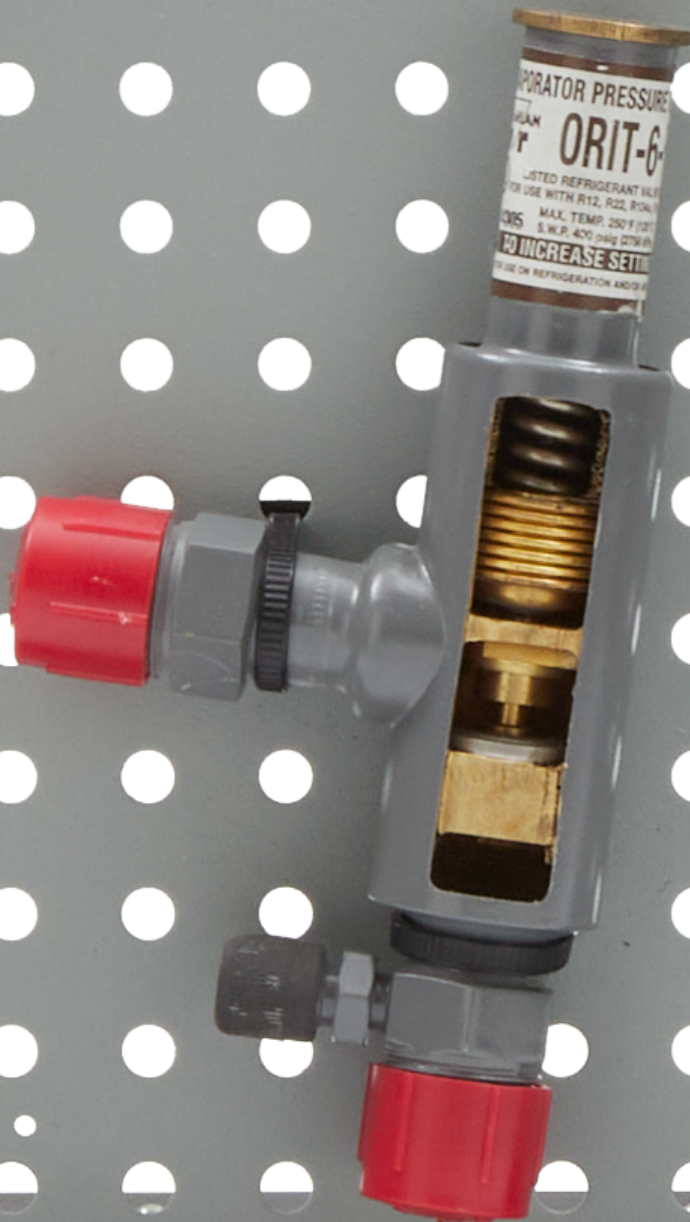


MODEL NO. 373F19

SERIAL NO. F0

(800) 662-5877
dacworldwide.com

DESIGN ASSISTANCE CORPORATION • SWEDSBORO, NJ USA



Model: 373-519

DAC Worldwide's Condenser Pressure Control Valve (KVR) Cutaway (373-519) is a professionally-crafted sectioned cutaway of a commonly-encountered condenser pressure control valve, otherwise known as a "head-pressure control valve". These industrial valves are used in air conditioning and refrigeration systems in order to maintain constant and sufficiently high pressure in air-cooled condensers.

The cutaway unveils the operating principle of the device, wherein changing ambient temperature and condensing pressure causes the valve to throttle via differential pressure, and opening on a rise of inlet pressure. Color coding, flow arrows, and numbered call-outs combine to make the device more informative to the inquiring student and more useful to the instructor.

A full cutaway view of the valve body and seat area exposes the complete internal design, including an adjusting spring, seating desk, seat, equalizing bellows, and complete flow path, all while providing access to the setting screw. Multiple cutaways unveil all internal components, which enhances classroom training in HVAC 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. This professionally-crafted, yet-economical component sample will enhance any training activity relating to commercial and industrial air conditioning and refrigeration systems.

Enhance Training with Hands-On Cutaway Industrial Components

This Condenser Pressure Control Valve (KVR) Cutaway provides a full cutaway view of a control valve that exposes the complete internal components and operating principles. The device can be used independently using an optional tabletop mounting foot, or combined with similar devices on optional display and storage frame assemblies.

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 carefully-crafted teaching aid will support instructor-led training and independent student self-discovery in a variety of vocational and academic air conditioning and refrigeration 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 HVAC Model Options

The Condenser Pressure Control Valve (KVR) Cutaway is only one of DAC Worldwide's expansive collection of HVAC training cutaways, which includes: an ACR Steel Ball Valve Cutaway (373-501); an ACR Solenoid Valve Cutaway (373-502); a Heat Pump Reversing Valve Cutaway (373-505); an ACR Magnetic Check Valve Cutaway (373-510); and more!

FEATURES & SPECIFICATIONS

Important Product Note: *Photographs are representative and for reference only. Product appearance and dimensions may vary based upon component manufacturer and availability. Any product dimensions given, such as size and weight, are approximate and for directional use only. For the most accurate shipping dimensions and weights, please contact the manufacturer.*

- Full sectioning of a new name-brand brass/copper condensing pressure regulator valve (*Popular models by well-known manufacturers are chosen for industrial/commercial relevancy*)
- 13-gauge formed-steel powder-coated mounting panel with provision for convenient mounting on related optional display and storage products
- Customized component support saddles and stabilization straps
- Carefully-planned sectioning exposes all primary features including: adjusting spring, seating desk, seat, bellows, and complete flow path
- Packaging for shipment via mail service, parcel service, or courier

PRODUCT DIMENSIONS DISCLAIMER: *Product Dimensions are approximate. Shipping Dimensions and Weights are for directional use only and may change based on manufacturer variables. For the most accurate Shipping Dimensions and Weights, please contact the manufacturer.*

- **Product Dimensions**
(L x W x H)
10.5" x 9" x 4.5" (265 x 225 x 115 mm)
- **Shipping Dimensions**
(L x W x H)
12" x 12" x 12" (300 x 300 x 300 mm)

OPTIONS

- Recommended 373-002 Tabletop Support Frame
- #373-001 - Tabletop Support Foot
- #373-002E - Tabletop Support Frame Assembly, Extended

Address

DAC Worldwide
601 Heron Drive
Swedesboro, NJ 08085

Contacts

email: contact@dacworldwide.com
phone: (800) 662 5877