

## 273-412 Motorized Control Valve Cutaway, Downsized



### Product Dimensions

(L x W x H)  
 8.5" x 12.25" x 15.5" (220 x 310 x 395mm)  
 22 lbs. (10 kg) each.

### Shipping Dimensions

(L x W x H)  
 15" x 18" x 15" (381 x 458 x 381mm)  
 24 lbs. (11 kg) each.

### FEATURES AND SPECIFICATIONS

- Sectioning of actual hardware (common valve and actuator makes and models chosen for industrial relevancy) (Threaded 3/4" - 1" NPS pipe size varieties are chosen).
- Cleaning, priming, and painting using a high-durability, urethane coating.
- PVC ball valve and pipe assembly.
- Replacement, plated hardware, as required.
- All gaskets, seals, and seats shown.
- 13-Gauge, formed-steel, powder-coated, support assembly.
- Provision for mounting on related bench, workstation, display, and storage products.
- Packaging for shipment via parcel service/courier.

### COURSE CONTENT

No dedicated courseware provided.

### GENERAL DESCRIPTION

Motorized control valves (MOVs) are regularly used in process systems of all kinds as a final control element. This economical, sectioned valve and actuator assembly unveils the complete working mechanism of a representative motorized valve, including, bi-directional motor, limit switches, and geartrain. Depicting a classic 1/4-turn-type actuator, this professionally-crafted teaching aid allows for convenient classroom training in the operation, construction, and maintenance of motor operated control valves. Though carefully-planned sectioning, the complete internal configuration of the valve and actuation is exposed and showcased. Seal features, hardware locations, and mechanical features have been retained, allowing for "hands-on" training in maintenance.

### OPTIONS

- [#530-000 - IPT Pipe Trades Training Manual](#)
- [#530-001 - IPT Pipe Trades Handbook](#)
- [#532-002 - The Valve Primer](#)
- [#586-002 - Process Technology Equipment and Systems, 3rd Ed.](#)
- [#M212-01 - e-Learning: Valve Actuators](#)
- [#M251-01 - e-Learning: Introduction to Valves and Their Components](#)

### RELATED ITEMS

- [#212 - Valve Actuator Cutaway/Demonstrator](#)
- [#255 - Control Valve Cutaway, Diaphragm-Type](#)
- [#255D - Diaphragm-Type Control Valve Cutaway, Downsized](#)
- [#256 - Control Valve Cutaway \(3-way\)](#)
- [#271D - Valve Cutaway Assortment, Downsized](#)
- [#273-410SS - Downsized Diaphragm-Type Control Valve Cutaway, Stainless, Sanitary](#)
- [#273-510 - Rack and Pinion Pneumatic Valve Actuator Cutaway](#)
- #273-410 - Diaphragm Control Valve Cutaway, Downsized

### STANDARD ACCESSORIES

Manufacturer's installation, operation and maintenance manual provided.

The components herein described have been modified for training purposes and are no longer fit for production applications.

In accordance with DAC's established policy of continuous improvement, these specifications and product descriptions are subject to change without notice. This information is the latest technical information as of the time of viewing or printing.