

# Downsized Valve Cutaway Assortment



Model: 270D

DAC Worldwide's Downsized Valve Cutaway Assortment (270D), an eight-piece assortment of individually-mounted, re-manufactured industrial cutaway valves, allows for classroom training in the design, operation, construction, and maintenance of common valve types found in industry. The fully-detailed examples of industrial downsized valves give learners a first-hand view into a component that is found in various maintenance applications worldwide.

This basic mechanical valve cutaway includes a total of eight valves, each of which includes carefully-planned sectioning and color-coding, allowing the complete internal configuration of each valve to be exposed and showcased. Seats and closure devices are color-coded, while seal features and primary hardware locations are retained, allowing for hands-on learning.

The Downsized Valve Cutaway Assortment includes:

- [Downsized Gate Valve Cutaway \(251D\)](#)
- [Downsized Globe Valve Cutaway \(252D\)](#)
- [Downsized Ball Valve Cutaway \(253D\)](#)
- [Downsized Butterfly Valve Cutaway \(254D\)](#)
- [Downsized Diaphragm Control Valve Cutaway \(255D\)](#)
- [Downsized Swing Check Valve Cutaway \(257D\)](#)
- [Downsized Plug Valve Cutaway \(259D\)](#)

- [Downsized Safety Relief Valve Cutaway \(260D\)](#)

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

This Downsized Valve Cutaway Assortment provides a realistic training introduction to industrial valve components, which will make introductory courses in valve maintenance and operation more productive, realistic, and memorable for learners. The Downsized Valve Assortment components are industrial-grade, mimicking what students might encounter on-the-job.

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 gaskets, seals, and seats are also visible, enhancing students' visual learning. Additionally, the seal features and hardware locations have been retained, allowing use for hands-on training in maintenance.

The equipment used within the trainer is cleaned, primed and painted using a high-endurance urethane coating, providing durability to stand up to frequent use.

Overall, the Valves Assortment Cutaway Downsized carries a total size of 9"W x 9"H x 9"L and weighs 125 pounds.

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

The Downsized Valve Cutaway Set is only one of DAC Worldwide's expansive mechanical training cutaways, including the Dissectible Valve Assortment Cutaway ([270K](#)), the Dissectible Liquid Level Gauge Sample Cutaway ([272-475](#)), the Dissectible Control Valve - Diaphragm-Type Cutaway ([255KE](#)), and more!

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## **FEATURES & SPECIFICATIONS**

- Sectioning of actual industrial hardware (common valve makes and models chosen, with 3/4" - 1" flanged varieties most often chosen)
- Cleaning and powder-coating of valve interior and exterior surfaces, assuring long-term resistance to corrosion
- Painting of exterior surfaces using a high-durability urethane coating
- Color coding of valve body, internal surfaces, seat, and closure devices using contrasting colors
- Replacement plated hardware throughout were required
- All gaskets, seals, and seats shown
- Provision for mounting on related display, bench, workstation, and storage rack products
- Packaging for shipment via courier or motor freight

## **Includes:**

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## **PRODUCT DIMENSIONS**

- **Product Dimensions**  
(L x W x H)  
9" x 9" x 9" (250 x 250 x 250 mm)  
125 lbs. (56.5 kg)
- **Shipping Dimensions**  
(L x W x H)  
15.5" x 40" x 23.5" (400 x 1000 x 600 mm)  
150 lbs. (66 kg)

## **OPTIONS**

- #530-000 - IPT Pipe Trades Training Manual
- #530-001 - IPT Pipe Trades Handbook
- #902V - Mobile Display Stand (Recommended)

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