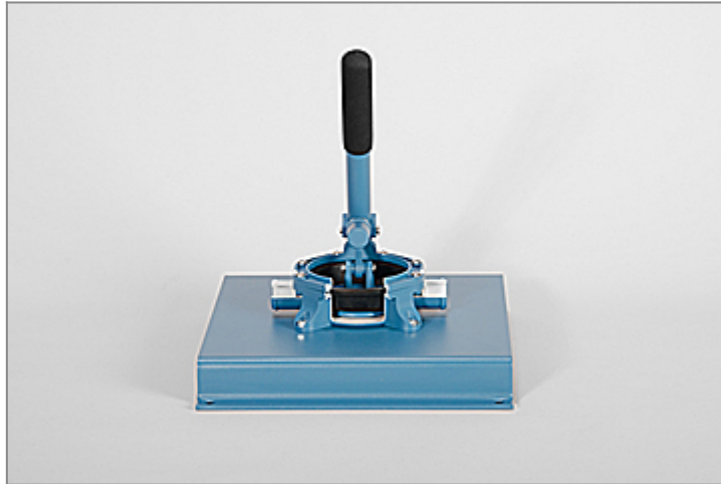


Manual Diaphragm Pump Cutaway



Model: 278-181

DAC Worldwide's Manual Diaphragm Pump Cutaway (278-181) depicts a sectioned hand-operated diaphragm-type positive displacement pump that allows for convenient classroom training in the design, operation, construction, and maintenance of this common pump type used in industrial, marine, commercial, and agricultural applications for pumping liquids by hand.

Sometimes referred to as simply a priming pump, these specialized manual pumps are used in a variety of commercial and industrial applications, such as transfer of fuels and sump/bilge evacuation, as well as in a variety of temporary petro-chemical and oil & gas processing applications.

Selected and assembled to support introductory process operations and maintenance training programs, this real-world learning solution provides the same utility found in equipment used on-the-job. The full-size, fully-detailed example of an actual real-world diaphragm pump gives learners a first-hand view into a component that is found in countless applications worldwide.

All of the pump's components have been retained, allowing for a thorough, one-of-a-kind training experience using these common pieces of process equipment.

DAC Worldwide's Cutaways Enhance Training with Hands-On Industrial Components

The Manual Diaphragm Pump Cutaway provides a realistic training introduction to air-operated diaphragm pump components. The pump's components are industrial-grade made by leading manufacturers, mimicking what students might encounter on-the-job for industrial relevancy.

Carefully-planned cutaway areas and color-coding combine to showcase the internal configuration of the pump. Seal features, hardware locations, and bearings are retained, allowing for use in basic maintenance-related training. This training demonstrator will make introductory courses in pump maintenance and operation more productive, realistic, and memorable.

This diaphragm pump cutaway will enhance both general and plant-specific operations and maintenance training programs. Additionally, 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.

Expand Training with Additional Pump and Compressor Model Options

The Manual Diaphragm Pump Cutaway is only one of DAC Worldwide's expansive pump cutaway devices, which also include the Magnetic Drive Centrifugal Pump Cutaway (278-150), the Multi-Stage Centrifugal Pump Cutaway (278-160D), the Dissectible Double-Suction, Split-Case Centrifugal Pump (278DS), the Multi-Stage Horizontally-Split Pump Cutaway (278M), and many more!

FEATURES & SPECIFICATIONS

- Sectioning of an actual industrial diaphragm pump. Makes and models by well-known US manufacturers are chosen for industrial relevance.
- Cleaning, priming, and painting using a high-durability urethane coating
- Replacement plated hardware, where necessary
- All gaskets, seals, and bearings visible
- 7-Gauge formed-steel baseplate, with provision for tabletop mounting or mounting on related DAC workstation and display products
- Crating for shipment via courier or parcel service

PRODUCT DIMENSIONS

- **Product Dimensions**
(L x W x H)
9" x 11.75" x 12.5" (228 x 298 x 318 mm)
17 lbs. (8 kg)
- **Shipping Dimensions**
(L x W x H)
11" x 13.75" x 14.5" (279 x 349 x 368 mm)
24 lbs (11 kg)

OPTIONS

- Recommended #902F - Electromechanical Workstation

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