

Vertical Submersible Pump Cutaway – Gould / Ir / Durco / Aurora



Model: 278-120

DAC Worldwide's Vertical Submersible Pump Cutaway – Gould / Ir / Durco / Aurora (278-120) depicts a sectioned industrial vertical submersible centrifugal pump cutaway allows for convenient classroom and laboratory training in the design, operation, construction, and maintenance of this common process pump used in industry. Sometimes referred to as simply a sump pump, these specialized pumps are used in a variety of commercial and industrial applications and training.

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

All of the pump's components have been retained, allowing for convenient classroom training in the operation, construction, and maintenance of these common pieces of process equipment.

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

The Vertical Submersible Pump Cutaway provides a realistic training introduction to industrial vertical submersible pump components. The pump's components are industrial-grade made by leading manufacturers, including Gould, Ir, Durco, and Aurora, mimicking what students might encounter on-the-job for industrial relevancy.

Carefully-planned cut way areas combine to showcase the internal configuration of the pump. Seal features, hardware locations, and bearings are retained, allowing for use in maintenance-related training. This realistic teaching aid will make introductory courses in centrifugal pump maintenance and operation more productive, realistic, and memorable.

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 Vertical Submersible Pump Cutaway is only one of DAC Worldwide's expansive pump and compressor cutaway devices, which also include the Durco ANSI Centrifugal Pump Cutaway (278-110), the Vertical Submersible Centrifugal Well Pump Cutaway (278-127), the Sanitary Pump Cutaway (278-131DS), and many more!

Optional Textbook Available For Additional Training

A copy of this course's Textbook is an available option with the training system. The textbook, called *Audel's Pumps and Hydraulics*, presents clear objectives and performance standards for learners. If you would like to inquire about purchasing Textbooks for your program, please contact your local DAC Worldwide Representative for more information.

FEATURES & SPECIFICATIONS

- Sectioning of an actual vertical sump pump (*manufacturers such as Goulds, Aurora, Peerless and Fairbanks Morse are chosen for industrial relevancy*)
- Cleaning, priming, and painting using a high-durability urethane coating
- Replacement plated hardware, where needed
- All gaskets, seals and bearings visible
- 7-Gauge, formed-steel, powder-coated baseplate with provision for tabletop mounting or mounting on related DAC workstation products
- Crating for shipment via motor freight

PRODUCT DIMENSIONS

- **Product Dimensions**
(L x W x H)
13.5in x 48in x 18in (343 x 1219 x 457 mm)
110 lbs. (50 kg)
- **Shipping Dimensions**
(L x W x H)
15in x 52in x 24in (381 x 1320 x 609 mm)
135 lbs. (61 kg)

OPTIONS

- Recommended #903F Electromechanical Workstation (Extended)
- #902 - Electromechanical Workstation
- #532-016 - *Audel's Pumps and Hydraulics, 6th Ed.*
- #532-022 - Operator's Guide To Centrifugal Pumps

- #925 - Heavy-Duty Product Support and Transport Cart

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