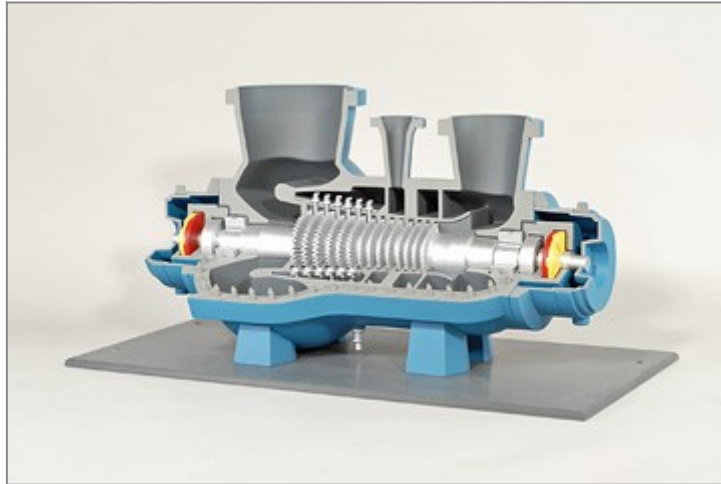


Axial Compressor Model



Model: 211A

DAC Worldwide's Axial Compressor Model (211A) depicts a highly-detailed scale model depicting features of industrial axial air compressors that are commonly used in oil and gas production and transmission applications, as well as within the refining industry. Based on a common make and model of a compressor, this technically-accurate, professionally-crafted product is a complete to-scale replication of typical axial compressors found in industry.

Loosely based on a General Electric AN compressor and other common compressors manufactured by General Electric, Siemens, Delaval, Dresser-Rand, Man-Turbomaschinen, Elliott, Nuovo Pignone and others, the training aide includes all primary features, and depicts the internal flow path.

The primary housing and secondary components are sectioned allowing for view of internal components, while visualizing assembly and disassembly procedures. Convenient size, detail, color-coding, and multiple cutaways combine to allow the device to be useful in courses relating to compressor operation/maintenance and process plant equipment.

Enhance Learning Using DAC Worldwide's Hands-On Axial Compressor Model

DAC Worldwide's hands-on models take learning to the next level, offering both visual and physical learning styles to appeal to a variety of learners.

This Axial Compressor Model features both interior and exterior details. The external views of the model showcase inlet and discharge nozzles, casing, support piers, closure rings, oil connections, and bearing housings. The internal detail includes diaphragm assembly, rotor, impellers, stylized shaft seals, labyrinth seals, tilting pad radial bearings, stylized thrust bearing assembly, and flow path.

To ensure an ideal training experience, the model also includes a durable PVC base, with provisions for tabletop mounting. All of the construction throughout the model is to-scale, and the perfect 3-dimensional solution for engineering study, promotion, and training.

Expand Training with Additional Mechanical Models

The Axial Compressor Model is only one of DAC Worldwide's expansive mechanical training models. Other industrial models offered include a Centrifugal Compressor Model (#211C), and a Gas Turbine Model (295-301). For more hands-on skills, the Reciprocating Compressor Demonstrator (211) allows for complete instruction in the design, function, and maintenance of a reciprocating compressor found in industry.

FEATURES & SPECIFICATIONS

- Construction based on a variety of well-known compressor designs and manufacturers.
- Primary shell diameter 7".
- External details include: inlet and discharge nozzles, casing, support piers, closure rings, oil connections, and bearing housings.
- Internal details include: diaphragm assembly, rotor, impellers, stylized shaft seals, labyrinth seals, tilting pad radial bearings, stylized thrust bearing assembly, and flow path.
- Full housing cutaway showing all primary internal components.
- Cast urethane, acrylic and ABS components.
- Color-coding throughout.
- Durable PVC mounting base, with provision for bench-top mounting and mounting on related DAC rack products.
- Crating for shipment via common carrier.

PRODUCT DIMENSIONS

- **Product Dimensions**
(L x W x H)
27in. x 13in. x 11in. (680 x 330 x 300 mm)
18 lbs. (8 kg)
- **Shipping Dimensions**
(L x W x H)
35in. x 17in. x 20in. (875 x 450 x 510 mm)
55 lbs. (25 kg)

OPTIONS

- Recommended #902V - Mobile Display Stand

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