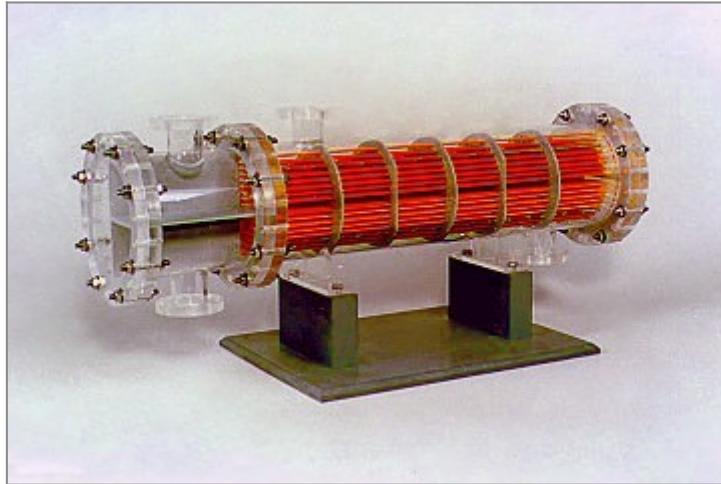


Multi-Pass Fixed Tube Sheet Heat Exchanger Training Model



Model: 286

The shell and tube heat exchanger's simple design makes it one of the most popular cooling solutions for a wide variety of applications. For example, it's commonly used to cool hydraulic fluid and oil in engines, transmissions, and hydraulic power packs. It's also the most common type of heat exchanger used in oil refineries and other large chemical processes.

Shell and tube heat exchangers consist of a cylindrical shell with a bundle of tubes inside it. They work by circulating a hot liquid inside the shell around the tubes, which contain a cooler liquid.

In a fixed tube sheet heat exchanger, the tubes are permanently positioned inside the shell and thus are not removable. In a multi-pass heat exchanger, the liquid passes through the tube bundle two or more times.

DAC Worldwide's Multi-Pass Fixed Tube Sheet Heat Exchanger Training Model (286) is a highly-detailed scale model that teaches learners about the operation and maintenance of industrial multi-pass fixed tube sheet heat exchangers.

An accurate, to-scale replica of a typical industrial heat exchanger, the model features a clear acrylic shell and can be completely disassembled. It reflects design standards established by both the Tubular Exchanger Manufacturers Association (TEMA) and the American Society of Mechanical Engineers (ASME).

Industry-Standard Components Provide Realistic, Hands-On Training

Technical training is most effective when learners can gain hands-on practice with industry-standard components they'll encounter on the job. The Multi-Pass Fixed Tube Sheet Heat Exchanger Training Model is a sturdy unit with precise, "to-scale" construction throughout to provide learners with a realistic training experience that will build skills that translate easily to the workplace.

The Multi-Pass Fixed Tube Sheet Heat Exchanger Training Model features: a clear acrylic shell, flanges, and nozzles; contrasting opaque baffles and partitions; a detailed tube bundle; opaque representative gaskets; stainless steel hardware; and a durable PVC baseplate with provision for tabletop mounting or mounting on a compatible DAC Worldwide workstation or display rack. The model also includes representative, color-coded tubing for visibility and to show flow path.

Courseware & Custom Options

The Multi-Pass Fixed Tube Sheet Heat Exchanger Training Model's courseware consists of an IPT Metal Trades Training Manual with a section on heat exchanger design, maintenance, and nomenclature. This manual can be used as part of either an instructor-led course or self-directed study. An additional training handbook is also available as an option.

FEATURES & SPECIFICATIONS

- Exact "to-scale" construction throughout (5" shell diameter).
- Clear acrylic shell, flanges, and nozzles.
- Contrasting opaque baffles and partitions.
- Detailed tube bundle.
- Representative, color-coded tubing for visibility and to show flow path.
- Opaque representative gaskets.
- Stainless steel hardware.
- Durable PVC baseplate with provision for tabletop mounting and mounting on related workstation and display rack products.
- Metal Trades Training Manual with a section on heat exchanger design, maintenance, and nomenclature (IPT).
- Packaging for shipment via motor freight.

PRODUCT DIMENSIONS **DISCLAIMER:** *Product Dimensions are approximate. Shipping Dimensions and Weights are for directional use only and may change based on manufacturer variables. For the most accurate Shipping Dimensions and Weights, please contact the manufacturer.*

- **Product Dimensions**
(L x W x H)
24in. x 10in. x 12in. (600 x 250 x 300 mm)
10lbs. (6kg)
- **Shipping Dimensions**
(L x W x H)
32in. x 13in. x 15in. (820 x 330 x 380 mm)
45lbs. (20kg)

OPTIONS

- Recommended #902V Mobile Display Stand
- #520-001 - Metal Trades Handbook (IPT)

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