

H-IDK-1 Desalination Process Trainer

Purpose

The Hampden **Model H-IDK-1** Desalination Process Trainer kit is designed specifically to facilitate the instruction of students in the layout, assembly, and operation of a small-scale process simulator. It consists of a support / mounting structure and a set of system components to be assembled by the students into an operating system. It is possible to interconnect several units into more complex systems. The necessary tools and supplies required for assembly are included. Supplies include steel and copper tubing, clear and rubber hose, compression and pipe fittings, hose clamps and electrical wire.

Description

The Hampden **Model H-IDK-1** Desalination Process Trainer utilizes a water/glycol solution for processing up to 188°C. This unit consists of:

- Mobile steel frame and panel assembly
- Raw materials tank
- Day tank
- Cooling water reservoir
- Boiler
- Bottoms drum
- Condensate drum
- Vapor condenser
- Valve manifold
- Control panel
- Parts package
- Tool kit
- Plastic laminate wood-core bench top and rear panels

The control panel is factory assembled, all other components are assembled, plumbed, and wired by the student team.



MODEL H-IDK-1 Desalination Process Trainer
Dimensions: 70"H x 65"W x 23"D
Weight 500 lbs.

All Hampden units are available for operation at any voltage or frequency

Hampden
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