

ET 499.13

Cutaway model: oil separator



Learning objectives/experiments

- layout and function of an oil separator

Specification

- [1] cutaway model of an oil separator
- [2] functionality of moving parts preserved

Technical data

Refrigerant: R134a

Refrigerating capacity

- 3,5kW [at -40°C evap. temperature]
- 5,3kW [at 5°C evap. temperature]

Max. delivery flow: 2,55m³/h

Scope of delivery

- 1 cutaway model
- 1 description

Description

■ cutaway model of an oil separator

The cutaway models illustrate commercial components used the field of refrigeration engineering, such as compressors, valves, driers and liquid separators.

The location of the cuts allow the design details to be clearly seen. A short description and a sectional view are included, so the models can also be used for technical drawing exercises.

The larger cutaway models are mounted on a base plate. Two handles aid transportation.