

ET 499.19

Cutaway model: automatic expansion valve



Learning objectives/experiments

- layout and function of an automatic expansion valve

Specification

- [1] cutaway model of an automatic expansion valve
- [2] functionality of moving parts preserved

Technical data

- Nominal rating range
- 1,4...30,8kW (R22)
- Evaporation pressure range
- 1...7bar
- Default setting for evaporation pressure
- 2,2bar
- Max. pressure PS
- 25,5bar
- Max. ambient temperature
- 100°C

Scope of delivery

- 1 cutaway model
- 1 description

Description

■ cutaway model of an automatic expansion valve

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

The locations of the cuts allow the design details to be clearly seen. A short description is included.

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