

ET 499.12

Cutaway model: block drier



Learning objectives/experiments

- layout and function of a block drier

Specification

- [1] cutaway model of a block drier
- [2] functionality of moving parts preserved

Technical data

Soldered connection: 16mm

Max. operating pressure

- 34,5bar (-10 to 65°C)
- 25,9bar (-45 to -10°C)

Temperature range: -45 to 65°C

Fine filtering up to: 25 micron

System output

- 72kW at $\Delta p=0,07\text{bar}$
- 92kW at $\Delta p=0,14\text{bar}$

Filter insert: H48

Characteristic values for R134a

- water absorption (24°C): 35g
- water absorption (52°C): 29g
- acid absorption: 44,6g

Dxh: 153x231mm

Scope of delivery

- 1 cutaway model
- 1 description

Description

■ cutaway model of a block drier

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.