

## ET 499.21

### Cutaway model: sight glass with humidity indicator



#### Learning objectives/experiments

- function and design of a sight glass with moisture indicator

#### Specification

- [1] cutaway model of a sight glass with moisture indicator

#### Technical data

##### Connection

- internal thread: 5"UNF
- outer thread: 8"UNF

##### At 25°C:

- green/dry: < 30ppm
- transition colour: 30-100ppm
- yellow: > 100ppm

##### At 43°C:

- green/dry: < 50ppm
- transition colour: 50-200ppm
- yellow: > 200ppm

#### Scope of delivery

- 1 cutaway model  
1 description

#### Description

##### ■ cutaway model of a sight glass with moisture indicator

Sight glasses are used to indicate the quantity of refrigerant in the liquid line of a system. They also display the moisture content in the refrigerant by means of a moisture indicator.

The cutaway models show commercially available elements from refrigeration technology such as compressors, valves, dryers and suction line receivers. The cuts are made in such a way that the design details are clearly visible.

The larger models are clearly mounted on a base plate. Two handles make them easier to transport.