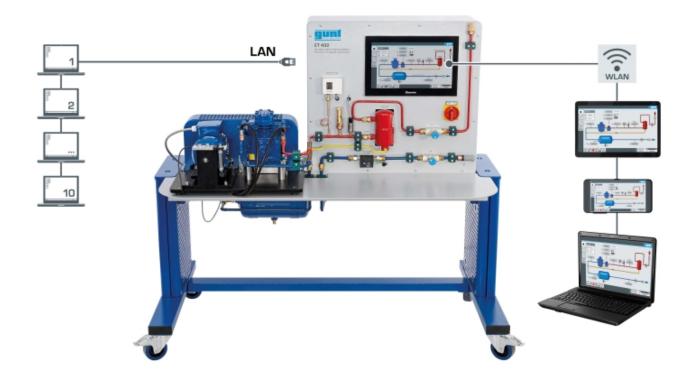


HELAGO-CZ, s.r.o. Commercial Register maintained by the Regional Court in Hradec Králové Section C, File 17879 Kladská 1082 500 03 Hradec Králové 3 Company ID: 25 96 39 61, VAT: CZ 25963961 Phone: 495 220 229, 495 220 394 Fax: 495 220 154 GSM gate: 602 123 096 E-mail: info@helago-cz.cz Web: http://www.helago-cz.cz

ET 432 Piston compressor in refrigeration Order code: 5201.06143200



Information about product price on demand

Parameters Quantitative unit

ks

GUNT ET 432

Designed for piston compressors typically used in refrigeration systems.

It features an open process with air and operates with a typical two-cylinder compressor.

The experimental plant is controlled via a PLC with touch screen operation.

Screen mirroring allows the user interface to be displayed on up to 10 end devices.

The drive motor uses an asynchronous motor with a frequency converter for speed adjustment.

Both inlet and outlet pressures (pressure ratio) are adjustable via valves.

The system includes a flow meter, as well as sensors for pressure, temperature, speed, and torque (measured via force).

Data acquisition is handled by the PLC and stored on internal USB memory, with access to the stored data via WLAN/LAN.

The system can be connected to a customer's own network or directly via LAN.

Technical Data & Specifications

• Compressor:

- $\circ~$ Speed: 465...975min^{-1}
- $\circ~$ Number of Cylinders: 2
- Stroke: 26mm
- Borehole: 35mm
- Displaced Volume: 50cm³
- Drive Motor:
 - Power: 550W
 - $\circ~$ Speed: 0...975min^{-1}
- Measuring Ranges:
 - Torque: 0...10Nm
 - Speed: 0...10000min⁻¹
 - $\circ~$ Power: 0...600W
 - $\circ~$ Temperature: 0...100°C, 0...200°C
 - Flow Rate: 0...6m³/h
 - Pressure:
 - Pressure Sensor: -1...1.5bar / -1...24bar

Power Supply

- 230V, 50Hz, 1 phase
- 230V, 60Hz, 1 phase
- 120V, 60Hz, 1 phase
- UL/CSA (optional)

Dimensions & Weight

- LxWxH: 1512x790x1414mm
- Weight: ~148kg

Required for Operation

- Ventilation: 3.2m³/h
- PC with Windows (recommended)