

TWO STAGE PISTON COMPRESSOR

RT 051

Description:

Compressor is a machine that reduces the system volume by increasing the gas pressure and discharges the gas with pressure. As a result of this process, the temperature and pressure of the compressed gas increase. There are different kinds of compressors that are designed for industrial or domestic uses. Anyhow, the goal is increasing the pressure of air or a special gas for a particular usage. Reciprocating air compressors are used as useful machines for learning the theoretical principles of heat engine. In specific cases where there is a high pressure ratio, multi-stage compressors are used. It means that the process of compression is divided to some smaller compression stages.

Specifications:

- Air compressor
- Electro-Motor
- Two tanks with a certain volume
- Temperature and pressure control instruments
- Safety valves and pressure switches
- Pressure gauges
- Electrical control panel with switches and displays
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Calculating the power of the two stage compressor (in series and parallel mode)
2. Calculating the single stage compressor efficiency

Required For Operation:

- 220 v Single Phase Electricity
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%

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Dimensions (L*W*H) mm:1500×850×1300

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