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4.-Electricity

## SPECIFICATIONS

Steel box.

Diagram in the front panel with similar distribution that the elements in the real unit.

With this trainer the following troubles or faults, among others, may be fixed and determined:

- Power off.
- Fuse blown.
- Defective main circuit breaker.
- Defective leak current coil relay.
- Ground fault.
- Detection of fault on the supply voltage.
- Capacitor:
  - Starting capacitor open and run capacitor open.
  - Starting capacitor shorted and run capacitor shorted.
- Thermostat contacts stuck open and closed.
- Relay contacts stuck closed.
- Relay windings open.
- Fan:
  - Fan motor windings open and shorted.
  - Fan relay windings open and shorted. Fan relay contacts stuck closed. Fan relay contacts are rusting.
  - Fan thermostat contacts stuck closed. Fan thermostat sensor bulb stuck opened.
- Motor:
  - Starting motor windings open and shorted.
  - Running motor windings open and shorted.
- Compressor:
  - Thermal overload open.
  - Compressor motor winding grounded.
- Low voltage.

Cables and Accessories, for normal operation.

Manuals:

This unit is supplied with several manuals: Required Services, Assembly and Installation, Starting-up, Safety, Maintenance & Practices Manuals.



ISO:9001-2000 Certificate of Approval. Reg. No. E204034



European Union Certificate



Certificates ISO 14001: 2004 and ECO-Management and Audit Scheme (environmental management)



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## REQUIRED SERVICES

- Electrical supply: single phase, 220V. / 50Hz. or 110V. / 60Hz.

## DIMENSIONS & WEIGHTS

-Dimensions: 400 x 330 x 400 mm. approx.

-Weight: 10 kg approx.

\* Specifications subject to change without previous notice, due to the convenience of improvements of the product.



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