

RAC09.xls
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REFRIGERATION COMPRESSOR TEST RIG

MODEL: RAC09



FEATURES

- Compact, comprehensive, sturdy design
- Smooth and silent operation
- Total instrumentation
- Multiple Compressor testing

DESCRIPTION

The trainer has been developed to study the parameters of hermetically sealed refrigeration compressor testing. The operation and performance characteristics specific to this application are also studied. Different compressors can be tested using the same test rig.

Optionally, open type and semi-sealed compressor can be tested.

INSTRUCTION MANUAL

Self-explanatory operating manuals are provided with each system. Detailed theory as well as practical exercises is also included in the manual

LIST OF EXPERIMENT

1. To study Compressor winding test
2. To study Compressor current test
3. To study Pumping Test
4. To study the comparison of compressor with other type of compressor

COMPONENTS

1. Compressor with electrical accessories
2. Ammeter
3. V meter
4. Energy-meter
5. Pressure gauge
6. Piping and fittings
7. HP/LP Cut-out

OPTIONAL ADDITIONAL

1. Open type compressor with motor
2. Semi-sealed compressor with motor

Note: Details of attachments can be made available on request.

SERVICES REQUIRED

- Electric supply
- Water supply and drainage arrangement

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(1) Since research and development is an on-going activity, the specifications mentioned herein are subject to change without notice
(2) Photographs are indicative only