

HVAC TESTING EQUIPMENT

Balanced Ambient Calorimeter

Tescor's ambient calorimeters can be supplied as calibrated room type or full balanced ambient with a conditioned annular space around the test room. Complete with a computerized, fully automatic data acquisition and control system, our balanced ambient calorimeters are known throughout the industry to achieve the most precise air conditioner rating results.

Key Benefits:

- The calorimeters are provided with a fully automatic, computerized data acquisition and control system
- 1% repeatability of test results
- 2% agreement or better with calibrated test unit
- Capacity range: 6,000 to 36,000 Btu/hr.
- Automatic or manual room pressure equalization with airflow measurement
- Indoor and outdoor unit airflow measurement

Applications and Test Types:

- HVAC capacity testing
- HVAC R&D exercises
- Manufacturing sample design compliance testing
- Energy audit compliance

Specifications:

- Software
 - Create tests and sequences for automatic operation
 - User configurable data acquisition channels
 - User configurable calculation channels
 - Loop calibration utility
 - Dedicated hardware checkout routine
 - Color coded stability status indicator
 - Stability tolerance adjustment on the fly
 - Time-history graphing capability
 - Automatic test report generation
 - Data file management and search tools
- Available Options
 - Automated pressure equalizer
 - Outdoor room controlled annular space
 - Heating capacity test capability without reversing UUT mounting
 - Air-flow code tester for airflow measurement

