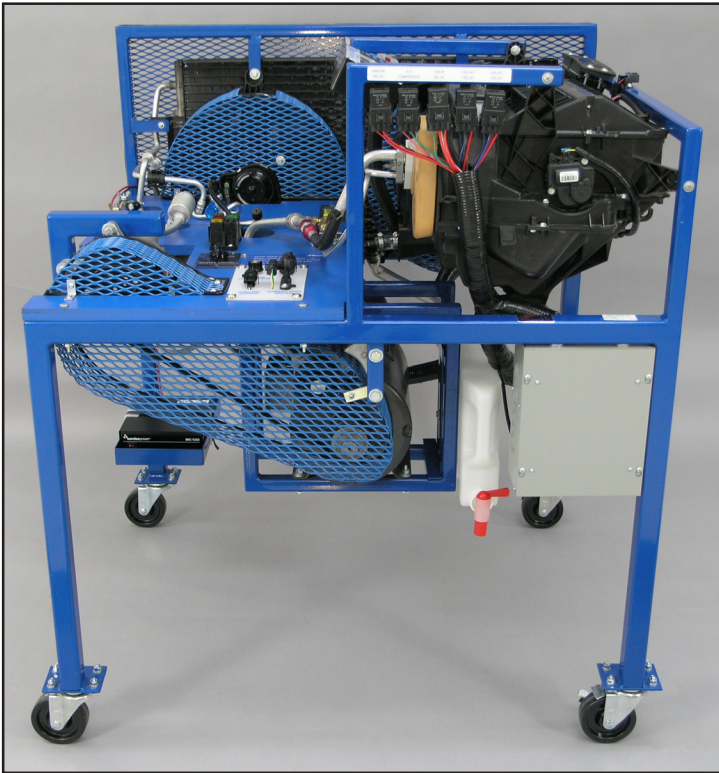


# Air Conditioning with Automatic Climate Control (model 1351)



- Functional R134A A/C System
- Automatic/Manual Dual Zone Climate Control
- Compact Variable Compressor (CVC6)
- Thermostatic Expansion Valve (TXV)
- Includes Refrigerant 'Liquid Line' control valve for "Pressure Faulting"
- Electrical Faulting either locally via Keypad or remotely via ATech IMP
- Selectable Interior Temperature Settings
- Tip Jacks for DVOM measurements
- 220V 5HP Motor
- Powder-Coated Frame
- Courseware Included

## Activities Include:

- Principles of Refrigeration
- Basic Refrigerant Cycle
- Compressors & Control Components
- Condenser and Evaporator
- Receiver-Dryer/Accumulator
- Metering Components
- Safety Precautions & Environmental Concerns
- Refrigerant System Tests
- Leak Detection
- Refrigerant System Recovery, Recycling & Recharging
- Cooling Fan Operation
- Cooling Fan Diagnosis
- Air Distribution Overview and Controls
- Blower Controls and Diagnosis
- Automatic Climate Control Operation
- Automatic Climate Control Diagnostics
- Strategy-Based Diagnosis

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