REED INSTRUMENTS | HVAC/R

HVAC/R systems provide ventilation, reduce air infiltration, and maintain appropriate pressure relationships between spaces. HVAC tests and adjustments are vital to the safety of a building's occupants, while services like HVAC balancing can optimize air flow and lower energy costs resulting in increased savings for a property owner. Instruments such as anemometers, hygrometers, thermal imagers and digital multimeters allow HVAC/R professionals to achieve airflow optimization, eliminate ambient temperature imbalances, verify room pressure, monitor radiant heat and accurately measure and adjust HVAC equipment parameters such as temperature, air flow, pressure, current, voltage and resistance.

Refrigerant Leak Detector

- Detects all CFCs, HFCs, and HCFCs
- User adjustable sensitivity (High/Low)
- Audible (buzzer) and visual (tricolor LED bar) alarm indicators
- 15" (390mm) gooseneck for hard to reach areas
- Includes reference leak source, batteries and hard carrying case

Model No C-380

Combustible Gas Leak Detector

- Detects a wide range of combustible gases including: gasoline, propane, natural gas and fuel oil
- User adjustable sensitivity (High/Low)
- Audible (buzzer) and visual (tricolor LED bar) alarm indicators
- 15" (390mm) gooseneck for hard to reach areas
- Includes reference leak source, batteries and hard carrying case

Model No C-383

Vane Thermo-Anemometer

- Measure air velocity (fpm, m/s, kph, mph and knots) and air t emperature (°C/°F)
- Contact temperature measurement with type J/K thermocouple option
- Real-time data logger with integral SD memory card
- Min/Max and Data hold functions
- Includes rotating vane probe, batteries and hard carrying case

Model No R4000SD

Hot Wire Thermo-Anemometer

- Measure air velocity (fpm, m/s, kph, mph and knots) and air temperature (°C/°F)
- Contact temperature measurement with type J/K thermocouple option
- Real-time data logger with integral SD memory card
- Min/Max and Data hold functions
- Includes telescopic hot wire probe, batteries and hard carrying case

Model No R4500SD

Vane Anemometer

- Low friction rotating vane for improved accuracy and faster response
- Measures air velocity in fpm, m/s, kph, mph and knots
- Min/Max and Data Hold functions
- Designed for one hand operation
- Includes wrist strap and battery

Model No LM-81AM

Anemometer/Manometer

- Simultaneously displays differential pressure, air velocity or airflow and temperature
- Air volume calculations of rectangular or circular duct areas
- Max, Min, Avg, Relative and Data Hold functions
- Real-time time-stamped measurements
- Includes silica tubes, pitot tube, USB cable, software, battery and hard carrying case

Model No R3001

Laser Distance Meter

- Measures distances up to 131' (40m)
- Calculates area, volume and sum of lengths
- Addition, Subtraction and indirect 2/3 point (Pythagoras) calculations
- Retains maximum and minimum readings and up to 30 measurements in memory
- Reference point selection
- Integrated bubble level
- Includes batteries

Model No R8004

Laser Distance Meter

- Measures distances up to 328' (100m)
- Calculates area, volume and sum of lengths
- Addition, Subtraction and indirect 2/3 point (Pythagoras) calculations
- Retains maximum and minimum readings and up to 20 measurements in memory
- Dust and splash-proof (IP54 rated)
- Includes wrist strap, screwdriver, batteries and carrying case

Model No R8010

Thermal Imaging Camera

- 160 x 120 IR resolution (19,200 pixels)
- 0.05°C thermal sensitivity
- 2.8" color TFT display
- Built-in laser and LED flashlight
- Choice of 5 color palettes
- Hot and cold spot temperature and alarm indicators
- Includes USB cable, 16GB micro SD card, lens cover, and soft carrying case

Model No R2160

Video Infrared Thermometer

- Built-in camera capable of taking pictures and recording video
- Type K thermocouple input for contact temperature measurement
- Also measures ambient, dew point and wet bulb temperatures, as well as humidity
- Dual lasers; 50:1 distance to spot size ratio
- Includes type K thermocouple probe, AC adapter, USB adapter, mini-tripod, li-ion rechargeable battery and hard carrying case

Model No R2020

Infrared Thermometer

- Measure temperatures up to 1202°F (650°C)
- Built-in laser pointer
- 12:1 distance to spot size ratio
- Digitally adjustable emissivity
- High and low alarms
- Max, Min, Avg and Differential readings
- IP65 rated double-molded housing
- Includes battery and carrying case

Model No R2310

Infrared Thermometer

- Built-in laser pointer
- 30:1 distance to spot size ratio
- Digitally adjustable emissivity
- Audible (beep) and visual (tri-color LED) user adjustable alarms
- Max, Min, Avg and Differential readings
- Store up to 5 pre-set high & low alarms and 5 emissivity settings
- Includes battery and soft carrying case

Model No R2320

Infrared Thermometer

- Dual lasers assist with target area identification
- 50:1 distance to spot size ratio
- Digitally adjustable emissivity
- Audible (beep) and visual (tri-color LED) user adjustable alarms
- Max, Min, Avg and Differential readings
- Store up to 5 pre-set high & low alarms and 5 emissivity settings
- Includes battery and soft carrying case

Model No R2330

Digital Stem Thermometer

- Pocket-sized stem thermometer with 4.75" (121mm) stainless steel probe an easy-to-read LCD display
- Measures from -40 to 450°F (-40 to 230°C); user-selectable °C/°F
- Water resistant construction
- Includes protective probe cover and battery

Model No R2000

REED PRECISION TEST & MEASUREMENT INSTRUMENTS

TRMS Digital Multimeter

- Measure AC/DC voltage and current, frequency, resistance, capacitance and temperature
- True RMS AC measurements
- 4-20 mA process loop measurements
- Built-in non-contact voltage detector
- IP67-rated dust and waterproof
- Includes temperature adapter/probe, test leads, weatherproof plugs, soft carrying case and batteries

Model No R5010

TRMS Digital Multimeter

- Measure AC/DC voltage and current, frequency, resistance, capacitance and temperature
- True RMS AC measurements
- Built-in non-contact voltage detector and Type K thermocouple input for contact temperature measurements
- Includes test leads, thermocouple wire probe (type K) with attached adapter and batteries

Model No R5007

Digital Multimeter/Datalogger

- Measure, record and review AC/DC voltage and current, frequency, resistance, capacitance and temperature
- True RMS AC measurements
- Wireless Bluetooth connectivity
- IP67-rated dust and waterproof
- Includes test leads, type K thermocouple wire probe, thermocouple adapter, weatherproof plugs, li-ion battery, AC adapter and software

Model No R5005

AC Voltage Detector

- Capable of detecting the presence of AC voltage from a safe distance
- Audible (buzzer) and visual (LED) indicators when voltage present
- Built-in flashlight and pocket clip
- Suitable for outlets or against insulated wire (50 to 1000V AC)
- For use on 50/60Hz circuits
- Includes batteries

Model No R5100

AC/DC Clamp Meter, 1000A

- Measures AC/DC current and voltage, resistance, capacitance, frequency, duty cycle and temperature
- True RMS AC measurements
- Diode test and continuity check functions
- Built-in non-contact voltage detector
- Includes test leads, thermocouple wire probe, thermocouple adapter, batteries and soft carrying case

Model No R5040

AC Clamp Meter, 400A

- Measures AC current, AC/DC voltage, resistance, capacitance, frequency, duty cycle and temperature
- Diode test and continuity check functions
- Built-in non-contact voltage detector with LED indicator in clamp tip
- Includes test leads, thermocouple wire probe, thermocouple adapter, batteries and soft carrying case

Model No R5020

mA Clamp Meter

- Measures AC/DC current/voltage, resistance and capacitance
- True RMS AC measurements
- High resolution AC/DC mA readings
- Diode test and continuity check functions
- Non-contact voltage detector with LED indicator built into clamp tip
- V.F.C (variable frequency control) mode
- Includes test leads, batteries and soft carrying case

Model No R5015

Continuity Tester

- Local and remote continuity tester
- Visual (flashing bi-color LEDs) and audible (pulsating beeper) indicators
- Capable of testing cables/wires up to 10,000' (3000m)
- Remote probe allows for one person operation
- Includes battery

Model No R5300

Digital Psychrometer

- Simultaneous display of % RH and air temperature
- Automatically calculates wet bulb and dew point temperatures without needing to consult charts
- Optional external probe (87P6) for contact/differential temperature measurement
- Max/Min/Avg readings
- User selectable °F/°C
- Includes batteries

Model No 8706

Thermo-Hygrometer

- Dual LCD readout displays ambient temperature from -4 to 140°F/-20 to 60°C and relative humidity from 0 to 100% RH
- High sampling rate of 2.5 times/sec
- Data hold, Min/Max and Relative functions
- Includes battery and soft carrying case

Model No R6001

Temperature & Humidity Datalogger

- Stores up to 16,000 temperature and 16,000 humidity readings
- User selectable sampling rate from 1 sec to 24 hrs
- Real-time clock with date and time stamp
- Visible LED alarm
- Includes mounting bracket with screws, USB cable, software, security lock, and battery

Model No R6030

Video Inspection Camera

- Camera and video functions save high resolution images and video
- 2.5" color LCD monitor and 9mm waterproof (IP67) camera head
- Four high visibility LED lights provide illumination in dimly lit environments
- Includes magnet, hook and mirror attachments, USB cable, batteries and hard carrying case

Model No R8500

HVAC Combo Kit

- R5010 TRMS Digital Multimeter
- R5030 AC/DC Clamp Meter
- R5100 Non-Contact AC Voltage Detector with Flashlight
- R1000 Safety Test Lead Set
- AD-1 Thermocouple Adapter
- TP-01 Beaded Wire Thermocouple Probe
- R9950 Soft Carrying Case

Model No ST-HVACKIT

HVAC Combo Kit 2

- R2300 Infrared Thermometer
- C-380 Refrigerant Leak Detector
- C-383 Combustible Gas Leak Detector
- R5100 Non-Contact AC Voltage Detector with Flashlight

Model No ST-HVACKIT2

Thermocouple Thermometer Kit

- R2400 Type K Thermocouple Thermometer
- R2920 Surface Thermocouple Probe
- R2940 Air/Gas Thermocouple Probe
- R2950 Immersion Thermocouple Probe
- TP-01 Beaded Wire Thermocouple Probe
- R8890 Hard Carrying Case

Model No R2400-KIT

Temperature Combination Kit

- R5008 Digital Multimeter with Temperature
- R2300 Infrared Thermometer
- R5100 Non-Contact AC Voltage Detector
- R1000 Safety Test Lead Set
- AD-1 Thermocouple Adapter
- TP-01 Beaded Wire Thermocouple Probe
- R8888 Hard Carrying Case

Model No RTEMP-KIT