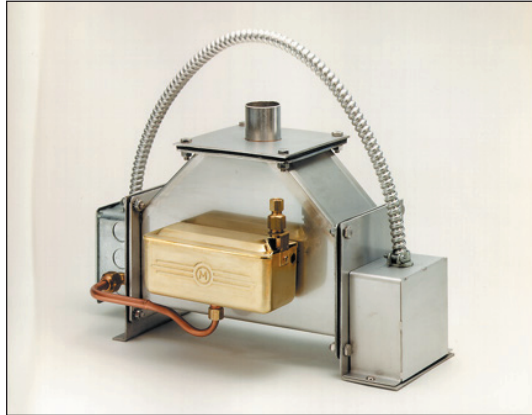




> Preventive Maintenance



Preventive Maintenance Program

Your environmental test equipment can only be of value to you if it is in good running condition. Utilizing Envirotronics' Preventive Maintenance Program affords you the assurance that your test equipment will be ready to perform to specification when you need it - day after day, year after year.

Envirotronics' Preventive Maintenance Program consists of a minimum of two visits per year, per system by one of our factory-trained field service technicians. During each visit, all electrical components, refrigeration components, and other equipment and systems will be thoroughly inspected. Where possible, routine minor adjustments will be made to return your equipment to top running condition as a part of this service. Upon completion of the inspection, our service technician will provide you with a detailed recommendation of any additional repairs that may be needed.

An additional benefit of the Envirotronics Preventive Maintenance Program is that it is not limited to only Envirotronics-manufactured equipment. In fact, this indispensable program is available for most makes and models of environmental test chambers!

Here is a brief overview of our thorough systems and components checklist:

Electrical System

- main disconnect
- phasing
- line and control voltage and connections
- contact points, timer settings, fuses, and grounding
- general condition of boxes, labels
- compressor head fans & crankcase heaters
- heater frames and elements

Resistance Verification (Ohms)

- compressor three-phase and single-phase applications
- heaters & steam generator elements

Current Verification (Amps)

- high stage, low stage, and trim compressors
- heaters, circulators, steam generator, condenser fan motor, and blower motor

General Items

- condition of chamber, insulation, and quiet package
- condition of mineralacs, RCBs, tie straps
- labels
- panels and knobs
- drip pan
- door and door latch
- interior light bulbs
- grease bearings
- belts
- fan blades and blower wheels
- gauges

Instrumentation

- reading correctly
- check configuration, Temp Sentry limits, HLS settings
- sensors
- Navigator Plus™, chart recorder, humidity sensor

Refrigeration

- low and high stage refrigerant charge
- low and high stage pressure switch settings
- low and high stage oil level
- capacity controls
- low and high stage frostback
- low and high stage discharge temp
- fan cycling operation
- condenser and evaporator coils
- inlet and outlet water temperature
- inlet and outlet water pressure
- water regulator
- leak check
- solenoids
- cap tubes
- oil separators
- labels
- valves
- armaflex on bulbs
- acid test on compressor oils

Humidity

- condition of boiler & boiler hose
- water level in wick tank
- leak check boiler
- fittings for tightness
- thermostat
- demineralizer cartridge
- atomizer fittings
- condition of nozzles
- water and air pressure regulator
- dry air purge
- leaks
- solenoids
- desiccant tower transfer
- moisture indicator
- CargoCaire Drier
- wheels and belts

The cost of your Preventive Maintenance Program will depend on the size and type of your system and the desired frequency of inspection.

Contact our Customer Support Group for a quote on a Preventive Maintenance Program for your equipment today.
Tel: 616-554-5022 • Fax: 616-554-5024 • Email: service@envirotronics.com

