



Announcement

Heat pump data monitoring capabilities

Vortex is pleased to announce that it has successfully demonstrated remote data monitoring capabilities on its own heat pumps as well as heat pumps from other manufacturers.

Using a commercially available, low-cost micro computer, Vortex has developed the algorithms to read an unlimited number of analogue and digital sensors as well as direct read of Modbus controls.

Data is stored in the cloud and e-mailed; thumb drive option where the internet is not available.

Temperatures, refrigerant pressures, water flow, current, voltage, electrical power and real-time weather data are read. COP and other calculations performed in real-time by the microcomputer.

Seasonal and long-term performance changes can be observed.

Adjustable alarm limits with e-mail alerts to service personnel.