

Vapor Detection System Ensures Accuracy

Maintaining a proper Refrigerant supply is an essential practice in preserving charge accuracy. Mechanical pumping as well as heater belts (such as VTech's Heated Refrigerant Supply) are used to raise the pressure of the refrigerant to a liquid state and maintain its stability so it can be accurately "read" by the metering device. It likewise is vital to make certain the supply is not interrupted, and although every precaution is taken to avoid this (refrigerant counters, weight scales, etc.), sometimes the 100 lb. refrigerant tank still runs out or the pressure in the bulk refrigerant supply system fluctuates such that the delivery pressure is inconsistent.



Vapor Detection System

VTech's Vapor Detection System prevents such an interruption, and allows the VTech machine to finish the charge accurately. The Vapor Detection System constantly monitors the refrigerant supply and when it no longer detects liquid, activates an alarm in the programming logic of the PLC, preventing any additional charges, and requiring the operator to change the tank or correct the problem if it lies elsewhere.

The VTech Vapor Detection System can be installed either on new VTech equipment or retrofitted on existing systems. Please contact Gordon Purkis at (404) 432-1629 or g.purkis@vtechonline.com today to find out more about the VTech Vapor Detection System and request a quote for this retrofit.