DataFill EcoCharge Hydrocarbon Charging Systems

The use of R-290, R-600A, HFO-1234YF, R-32, and other Hydrocarbon refrigerants has steadily expanded as manufacturers move to meet the demands of international markets and changing environmental regulations. Serv-I-Quip’s ETL Certified, Class 1, Division 2, Group D Charging System offers the most complete solution to customers charging these flammable refrigerants. Unlike other systems, our system meets all the requirements for use in an explosion proof area, providing the simplest and most flexible solution to a hydrocarbon refrigerant filling process.

Dependable, extremely accurate, and equipped with our DataServ process control and quality monitoring software, this system has all the capabilities of our standard systems. Serv-I-Quip’s ETL Certification also extends to multiple refrigerant fill applications, providing a turnkey solution for manufacturers intending to implement mixed product assembly lines. Capable of charging Fluorocarbon or Hydrocarbon refrigerants, this system can serve as a bridge in the change-over process to Hydrocarbon refrigerants.

The new DataServ 3.0 Data Acquisition and Automated Process Control Software serves as a full featured HMI and provides web based remote access to system configuration, bar code and model configuration, production data, calibration, password management, PC and PLC programming updates, and troubleshooting. A new Dashboard can display multiple DataServ systems and key production values. Production analysis reports and an email notification system that delivers process alerts, notifications, or system events are newly available features.