

# DataFill Refrigerant Charging Systems

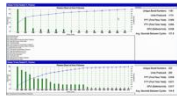


The DataFill Refrigerant Charging System has become the standard used by manufacturers across the HVAC/R industry to accurately dispense a variety of refrigerants and oils used in the manufacturing process. These systems deliver a high speed process with repeatable, consistent accuracy, efficient operation, and the most accessible manufacturing data analysis and control system available.

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.



Dual Refrigerant, Evac and Reclaim Charging Tool



DataServ Refrigerant Charging HMI Run Screen



Eval Tool

- High speed, quality based test and fill process
- Compatible with all fluorocarbon refrigerants
- DataServ 3.0 on a Windows 7 Operating System

## Product Detail

### STANDARD FEATURES:

- Compatible with R-134A, R-404A, R-410A, R-407A, and all replacement fluorocarbons
- Combine vacuum testing, oil charging, and/or refrigerant charging
- Allen Bradley PLC, with PanelView HMI
- Dell PC with Microsoft Windows® Operating System, 20" flat screen LCD
- New DataServ 3.0 Internet accessible data acquisition, and report generation
- Hand-held CCD or RF bar code scanner
- Charging rates up to 5 oz. /sec.
- NEW electric refrigerant charging tools
- Maintenance free mass flow metering technology
- +/- 2 gram charging accuracy
- Startup supervision, operation and maintenance training available

### PRODUCT OPTIONS:

- Single, dual, or triple refrigerant charging
- Oil and refrigerant charging
- Process cycle options include:
  - Refrigerant charge
  - Vacuum check and charge
  - Evacuate, vacuum check and charge
- NFPA 70E Arc Flash compliance
- Alternate PLCs and touchscreen HMIs available
- Large format flat screen/touchscreen LCDs available
- 8 – 53 cfm, two stage vacuum pumps available

**DIMENSIONS:**  
62"H x 39"W x 24"D

**WEIGHT:**  
550 lbs.

**UTILITY REQUIREMENTS:**  
120V, 20A electric / 80 psi air

### STANDARD FEATURES:

- Product Model Number
- Product Serial Number
- Product Description
- Process Start Date
- Process Start Time
- Process End Date
- Process End Time
- Process Completed (True or False)
- Process Rejected (True or False)
- Operator Number
- Refrigerant Unit of Measure
- Refrigerant Quantity Charged
- Refrigerant Type Charged
- Final Evac. Time
- Final Evac. Level
- Vacuum Level at Start of Vacuum Check
- Product Vacuum Level at End of Vacuum Check
- Vacuum Check Time
- Total Cycle Time
- Completion or Error Code
- Reject Data
- Total Units Processed to Date
- Total Completed Units
- Total Refrigerant Quantity Charged