



EVACUATION AND REFRIGERANT CHARGE (ERC) SYSTEM



- This evacuation and charge station performs repeat Rate-Of-Rise (ROR) during evacuation to ensure proper dehydration prior to introduction of refrigerant to the unit.
 - Units are pumped only as long as is necessary to meet the dehydration criterion, which saves valuable time on the production line (increases throughput).
 - This fully automated system ensures precise, repeatable measurements that help reduce operator dependency and product variation, which results in improved quality.
 - Single or dual (high/low) sided charging
 - Single or dual refrigerant charging
-
- Refrigerant charge is measured via a Coriolis effect mass flow meter, resulting in a charge accuracy of +/- 1% of charge weight for charges of 32 oz and greater. Typical Charge Rate: 4 oz/sec (15 lb/min).
 - Evacuation and refrigerant charge is accomplished with a one-time connection to your unit leading to improvements in quality and minimizing non-value-added process disconnects and reconnects.
 - Can be constructed to accommodate multiple charge guns.
 - The charge gun can be configured from single valve to multi-valve to include capabilities for vacuum, refrigerant charge, and/or refrigerant recovery operations.
 - Highly refined, low maintenance charge gun designs.
 - On-line and telephone technical support provided after installation from our home facilities in Oak Ridge, TN.
 - PC-controlled, easy to use, charging components are mounted on the exterior of the cabinet for easy access. This system requires minimal training to begin use.
 - Bar codes are used for cycle initiation, unit identification, evacuation and charge parameter configuration, and tracking of test results.

EXA-27-10-26-2011.REV0