



VACUUM TECHNOLOGY I N C O R P O R A T E D

Evacuation Elevators for Condensing Units and Heat Pumps



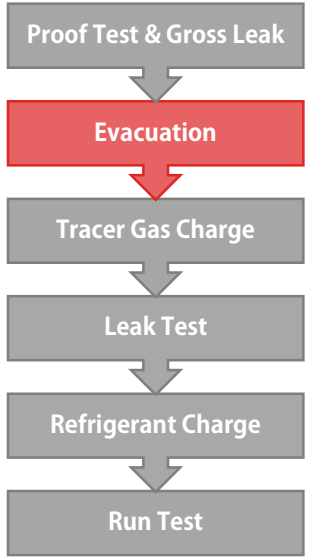
Specifications

- **Product:** Condensing Units and Heat Pumps
- **TAKT Time:** As Needed Until Acceptance
- **Pump Size:** 5.6 CFM
- **Repeat Rate of Rise Method**
- **Installation Date:** 2017

VTI's Evacuation Elevator is engineered to provide highly efficient evacuation and dehydration verification for condensing unit and heat pump manufacturing.

These robust evacuation elevators are designed to minimize system footprint while maximizing efficiency. While the Unit Under Test (UUT) is being evacuated it is lifted up allowing other units to move down the conveyor while processing. The UUT will be evacuated and then a repeat "Rate of Rise" (ROR) test will determine the level of dehydration. Once the UUT has received a "Pass" or "Fail" the elevator can be lowered and the unit can move down the line accordingly. This design optimizes production by allowing dehydrated parts to move down the line more quickly, and not get trapped behind a "wet" part that requires extended evacuation.

The control system is integrated with the customer's database to provide real-time data. It is also interlocked with other equipment on the production line to guarantee testing requirements are met in production.



Other Test Systems Available. Call us to learn more.