



Reclaim - Clean Refrigerant System

VTech's Clean Refrigerant Reclaim System recovers clean uncontaminated refrigerant for re-use. Available with single or multiple Remote Reclaim stations for assembly line and/or new product laboratories.

VTech's Clean Refrigerant Reclaim System has many positive features:



- * Saves money - clean refrigerant is re-used instead of being sent out for costly reprocessing.
 - * Simple -uses differential pressure for transfer.
 - * Safe to the environment - positive refrigerant rated shut-off quick connects ensure minimum release of vapors to the atmosphere.
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- * Long life - belt driven compressor pumps down the large vapor receiver to pressures in the vacuum range without motor cooling or burn up concerns.
 - * Unique design separates oil from refrigerant.

When a unit or component on the assembly line requires repairing after having been charged with refrigerant, the unit is connected to the Clean Refrigerant Remote Station process hose. A compound pressure gauge at the Remote Station indicates the pressure in the reclaim manifold is ready for transfer. A shutoff ball valve on the Remote Station is opened and the clean refrigerant is sent to VTech's Clean Refrigerant Reclaim machine's large vapor receiver. Refrigerant vapor in the receiver is drawn through a suction filter into the belt driven compressor, converted into a liquid and pumped into the Clean Refrigerant receiver.

Clean uncontaminated refrigerant from freshly charged units, refrigerant components or consumed 100 lb refrigerant supply cylinders can be reclaimed and returned to the Clean Refrigerant Supply System to be re-used instead of being sent out for costly reprocessing.

Technical Specification

Function: send clean uncontaminated refrigerant gas to clean refrigerant reclaim machine; convert into liquid and pump into the clean refrigerant supply system.

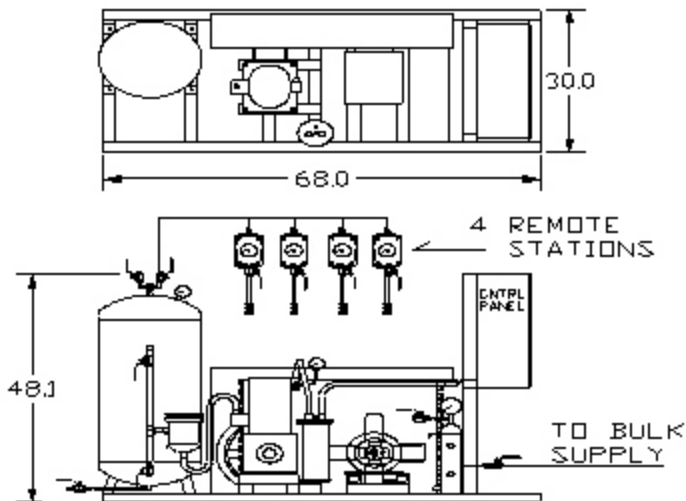
Remote station: Parker process hoses ending with female PCU auto shutoff ¼” NPT quick connection; compound pressure gauge indicates pressure; manifold of welded construction; Parker shutoff ball valve.

Clean Refrigerant Reclaim Machine: large vapor receiver and with Parker suction filter dryer; heavy duty belt driven 2 hp

compressor with **Temprite** oil separator reduces vapor pressure in receiver below atmospheric for refrigerant transfer from repair units. Air cooled condenser moves refrigerant to liquid receiver with **Parker** shutoff ball valves with connections to clean refrigerant supply system.

A&B pressure sensor, cycle start push buttons motor starter pressure gauge etc. located in **Hammond** Nema 12 enclosure. Electrical construction conforms to NFPA Industrial Control Specification.

Power requirement: 220/440v, 3 ϕ , 60hz.



VTech provides complete turn-key Clean Refrigerant Reclaim Systems including training of personnel or individual equipment for your specific production line requirements. We can provide conveyors, fixtures, leak test fittings, charging fittings, etc.

Our extensive expertise can assist you in finding the answers for your manufacturing process issues. We can design and build process equipment to solve your process problems.

Since VTech has a policy of continuous product improvement, we reserve the right to change design and specifications. Copyright © 2001

SFRGRC2-0402

VTech

Galileo Vacuum Systems, Inc.

5950 Shiloh Rd. East,

Alpharetta, GA 30005

Tel: +1-678-513-0303 Fax: +1-678-513-0608

e-mail: galileovacuum@att.net