



Refrigerant Supply Systems

V-Tech's Refrigerant Supply Systems furnish liquid refrigerant from 100 pound cylinders, 2,000 pound cylinders, or bulk storage tanks to refrigerant charging machines.

V-Tech's Refrigerant Supply Systems, for 100 pound cylinders, are designed to deliver liquid refrigerant for low volume charging applications.



- * **Quick changeover** - quick connect fittings and isolation ball valves.
- * **Save maintenance and operating costs** - no pumps
- * **Portable** - locate where required and add power.

V-Tech's Refrigerant Supply Systems, for 2000 pound cylinders, or bulk storage systems, are designed to supply liquid refrigerant for larger production requirements.



- * **Refrigerant "Flashing" prevented** - The liquid receiver is oversized and is located above the pump. The positive refrigerant head pressure floods the suction side of the pump. Sensors, in the liquid receiver, will shut down the refrigerant pump when the receiver level is low. This design prevents cavitation, ensuring long pump life.
- * **Constant Pressure and Flow** - Precision regulators and high flow bypass circuits, maintain a constant steady pressure at high flow rates.
- * **Easy routine maintenance and inspection** - isolation ball valves allow for removal and inspection, of components, with minimal refrigerant loss.

Technical Specifications

Function:

Deliver liquid refrigerant at pressure for production charging requirements.

Small Volume Refrigerant Supply:

Delivers liquid refrigerant from 100 pound cylinders without pumps or liquid receivers. Heater pad(s) with pressure controllers, are to used to maintain delivery system pressure. Pressure relief valves and over current protection provide system safety.

Power requirement

120/240V, 1Phase, 60 Hz.

Large Volume Refrigerant Supply

Deliver liquid refrigerant from 2,000 pound cylinders or bulk storage systems. The liquid receiver is oversized and is located above the pump. The positive refrigerant head pressure floods the suction side of the pump. Sensors, in the liquid receiver, will shut down the refrigerant pump when the receiver level is low. This design prevents cavitation, ensuring long pump life. Pump size varies from 2 CFM to 20 CFM. Precision regulators and high flow bypass circuits, maintain a constant steady pressure at high flow rates.

Construction

Heavy duty steel frame for component mounting; dimensions vary by project.

Power requirement: 230/460v, 3Ph. 60 Hz.

VTech will provide complete turn-key systems or individual equipment for your specific production line requirements. We can provide conveyors, fixtures, leak test fittings, and operator training. Our extensive expertise can assist you in finding the answers for your manufacturing needs. We can design and build the solution for you. Contact us. We are ready to help you.

Since Vtech has a policy of continuous product improvement, it reserves the right to change design and specifications without notice. Copyright © 1999

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The logo for VTech, featuring the letters 'VTech' in a bold, green, sans-serif font. The 'V' and 'T' are significantly larger and more prominent than the 'e' and 'ch'.

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