

# Freon, CFC & HCFC Transfer Units

**Safe, reliable and energy saving transfer of gases and liquids, including mixtures of both.**

One of the major advantages of the Haskel pump is its ability to handle liquids or gases or a mixture of liquid and gas without causing damage to the pump.

In many applications the pumps are able to change the state of the product (condense the gas to liquid) without the need for specialist condensers.

The pumps and transfer systems are compact, lightweight and portable, and are ideal for use on site for reclaiming product from process units or recharging the process units

Powered by compressed gas from a compressor or gas cylinder they are suitable for operation in any location.

## Fluids Handled

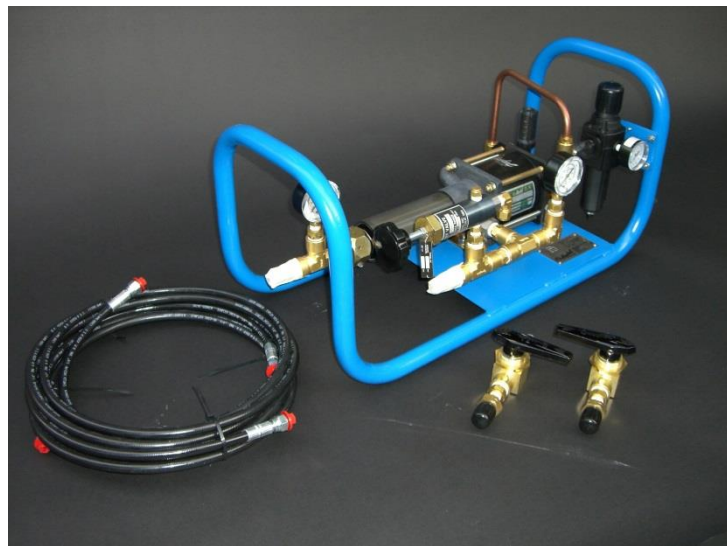
SF6	R11	R23	R500
Pentane	R12	R114R	R152
Butane	R22	134a	NH <sub>3</sub>

## Description

Each unit comprises a mild steel painted frame in which is mounted the following equipment:

- Haskel air driven liquefied gas pump
- Air inlet to air drive controls comprising,
  - Air drive filter
  - Air drive pressure regulator
  - Air pressure gauge
  - On/off speed control valve.
- Inlet hose with gas bulkhead connection & isolation ball valve
- Inlet pressure gauge
- Outlet pressure gauge
- Outlet relief valve
- Outlet hose with gas bulkhead connection & isolation ball valve

All suitably piped & tested for liquid or gas service.



## Features

Haskel air driven pumps offer many advantages over electrical driven pumps or compressors on liquefied gas service.

- Ability to pump liquid, gas or a mixture of both without adverse effect on the pump.
- No heat, flame or risk of spark
- Infinitely variable cycling speed (flow rate)
- No limit or adverse effect to continuous stop/start applications
- Liquid/gas seals are self-lubricated requiring no external lubricator
- Reliable, easy to maintain, compact and robust
- Lightweight lends itself for site applications, reclaiming and charging product.