



CARE OF CR700

The CR700 is an oil-less recovery machine designed for high performance with minimal maintenance, there are some simple procedures which form a routine to keep peak performance.

Filter service.

The CR700 is equipped with a 100 mesh screen filter. The filter is located directly under the suction port. Using a 5/8" ring spanner loosen the service port as shown in fig 1 and 2. Remove the suction filter (fig 3) and inspect. If clogged or torn replace with part number CRXF3 otherwise clean the filter using solvent. Replacement is the reverse of this procedure.

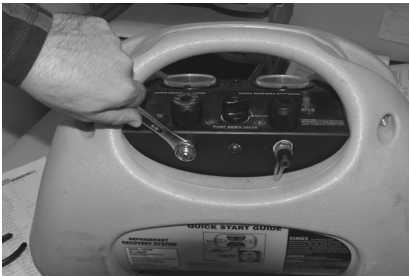


Fig 1



Fig 2

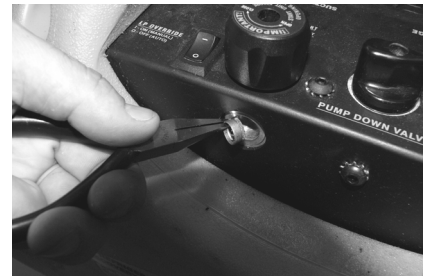


Fig 3

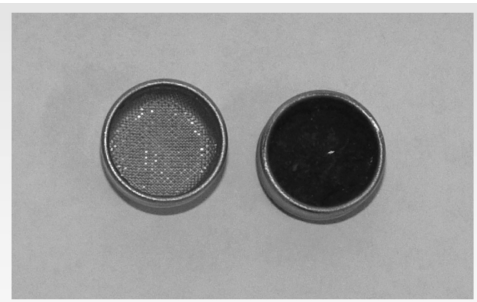


Fig 4

An example of a clogged filter is shown in Fig 4. This filter was so clogged it caused overheating and eventual failure of the recovery unit. A clean filter is on the left for comparison purposes.

From time to time you may also need to replace the seals in the control valve assemblies, this again is a simple procedure but helps maintain machine performance.

Service of Control Valves

- Locate and undo the screw securing the valve handle to the shaft.
- Remove the screw.
- Remove the handle
- Using a 5/8" A/F spanner undo the hex nut and remove assembly
- Remove screw spindle from collett piece
- Remove O rings and undo screw which holds in the Teflon seal
- Replace the Teflon seal and O rings
- Lightly grease O rings and screw shaft
- Re-assemble valve assembly and place in manifold
- Tighten hex nut to 25 foot pounds (tight !!)
- Attach control knob and re-fit screw.



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High Performance Oil-less Recovery Unit CR700



Specifications At A Glance

Dimensions:- 370W x 200D x 305H

Weight 15.7Kg

Recovery Rates **

Direct Vapour : up to 11.22Kg/h

Direct Liquid : up to 159 kg/h

Liquid Push-Pull : up to 365kg/h

** Per ARI 740-95

Features

- **Maintenance free 1 HP oil-less reciprocating compressor**
- Recovers liquid or vapour refrigerant
- High capacity cooling / condensing fan
- 550 psig high pressure cut out switch (R410a)
- 0-800 psig gauge on discharge to handle R410A
- Integrated carry handle with safety bar
- On the fly self-clearing valve and built in filter under suction port
- New ergonomic design with carry strap
- Automatically shuts off when 10" Hg vacuum achieved on input.
- Only weighs 15.7 kg !!
- Recovery rates up to 365Kg/Hr liquid push/pull !!

