

Maintenance

- Oil should be changed every 3-5 evacuations or after servicing a system with a burned-out compressor.
- Before flushing, run pump with existing oil until oil is warm.
- Remove oil drain plug and allow oil to drain.
- Replace plug and add **Ultra™** Conditioner.
- Run pump for 10-15 minutes. While flush is warm, remove drain plug and allow **Ultra™** Conditioner to drain.
- Replace drain plug and fill with new **Caitlin™** Oil.

FLUSHING PUMP PREVENTS BUILDUP OF WATER, ACID AND DEBRIS

NOTE: PUMP DOES NOT REQUIRE FLUSHING MORE THAN TWICE A YEAR, OR AFTER A SYSTEM BEING SERVICED HAS A COMPRESSOR BURNOUT

TROUBLESHOOTING

PUMP WILL NOT RUN:

1. Check electrical outlet for low voltage or no voltage.
2. Check to ensure switch is turned on.

PUMP DOES NOT PULL LOW VACUUM.

1. Check oil level
2. Check for contaminated oil
3. Check manifold and system servicing for leaks
4. Check for low voltage at electrical outlet
5. Check type of oil. If incorrect type of oil is used, vacuum pump will not operate properly.

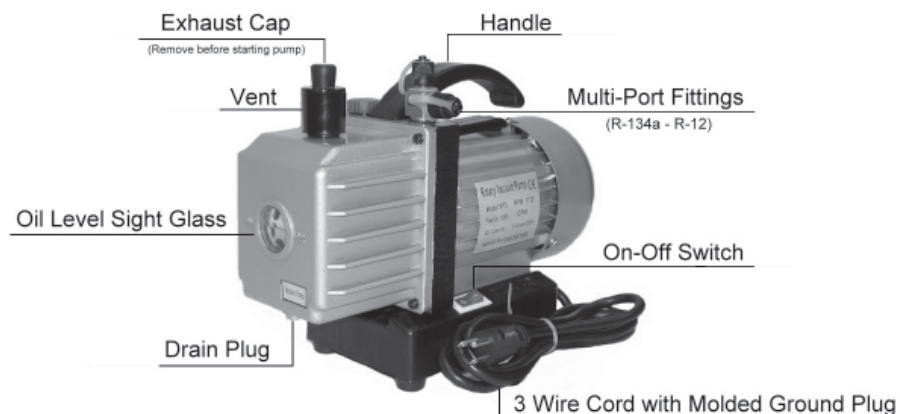
WARRANTY:

This vacuum pump is warranted for a period of 1 year from date of purchase. The warranty shall not exceed the purchase price. We make no other warranty of any kind expressed or implied. This vacuum pump is warranted to be free from defects in material and workmanship for a period of one year from date of purchase. A copy of the original invoice must be returned with the pump or warranty is void. Classic Tool Design Inc.'s sole obligation under this warranty shall be to repair or replace any defective part or parts thereof, which are returned to our factory. The warranty shall not apply to any vacuum pump which has been subject to misuse, negligence or accident. This includes the failure to provide the proper maintenance. Classic tool Design Inc. shall not be responsible for any special or consequential damages and the warranty as set forth is in lieu of all other warranties either expressed or implied.

845-562-8700

OPERATING INSTRUCTIONS: TURBO DRIVEN VACUUM PUMP

I KNOW, I KNOW ... But, Read Carefully Before Using Anyway.



Specifications:

- ◆ 3 CFM
- ◆ R-134a & R-12
- ◆ 1/4 HP, 1725 RPM
- ◆ 8 Oz. Oil Capacity
- ◆ 115 V., 50 HZ
- ◆ 6' Cord with 3 wire molded plug
- ◆ Wt: 16 lb. (Shipping Wt.: 20 lbs)
- ◆ Height 9", Width - 6', Length 15"

WARRANTY CLAUSE: We believe the information contained herein to be reliable. However, the technical information is given by us without charge and the user shall employ such information at his own discretion and risk. We assume no responsibility for results or damages incurred from the use of such information in whole or in part.

All warranties expressed or implied including warranties on merchantability and fitness of purpose are null and void if the equipment is altered, damaged or misused in any way, or if equipment is not repaired by authorized repair station using authorized parts.

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CLASSIC TOOL DESIGN INC.

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General Information

- ALWAYS MAINTAIN RECOMMENDED OIL LEVEL.** Oil level must be maintained to achieve ultimate vacuum.
- BEFORE TURNING OFF PUMP, MANIFOLD VALVES MUST BE TIGHTLY CLOSED (AS WELL AS VALVE ON VACUUM PUMP)**
- ALWAYS** keep vacuum pump at a lower level than the hoses and manifold.
- NEVER** service your equipment without disconnecting from electrical outlet.
- ALWAYS use **Caitlin™** Air Conditioning Vacuum Pump Oil.
- Change the Oil in the pump after every three (3) or five (5) evacuations, or once a month, depending on how active your pump is.
- If a system you are evacuating is burnt-out or has accumulated a great deal of contamination, the oil must be changed immediately after use. Failure to do so may damage pump.
- Oil condition is critical to pump performance and durability. If oil is dirty or moisture-laden, the vacuum pump life will be reduced.
- Periodically check all suction connections to make sure they are leak-free.
- Flushing pump prevents buildup of water, acid and debris.
- The power supply cord has three (3) prong grounding, electric ground is required. **DO NOT** remove the ground prong.

Essentials



22-1362 - Caitlin™ Vacuum Pump Oil - 16 Oz.
22-1363 - Caitlin™ Vacuum Pump Oil - 1 Quart
22-1364 - Caitlin™ Vacuum Pump Oil - 1 Gallon



22-1365 - - 16 Oz. Vacuum Pump Tune-Up Kit

Operations

- Inspect vacuum pump and electrical cord for damage. (Report any damage to freight carrier)
- Make sure switch is in **OFF** position.
- Remove oil fill plug at the top of pump housing and add vacuum pump oil.
- Replace oil fill plug.
- check oil level at the sight glass. Oil must be level with the Full Line at all times.
- Use only **Caitlin™** Air Conditioning Vacuum Pump Oil or equivalent.
- Remove exhaust cap (Make Sure)
- Plug electrical cord into grounded 115 Volt electrical outlet.
- Connect yellow hose from manifold gauge set into proper inlet fitting **R-134a or R-12**
- Make sure valves on manifold are closed
- Turn Pump ON**
- Open valves. Operate until vacuum is reached and system is dehydrated.
- Close valves on manifold and disconnect pump.
- REPLACE EXHAUST CAP.** Continue on to the next procedure.

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