

# A/C Machine Vacuum Pump Oil Change Procedure Models – 34700-2K, 34700Z, 34788

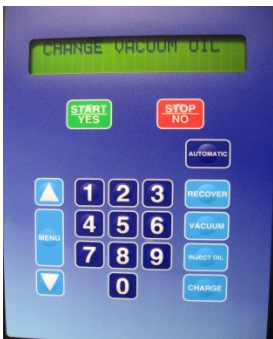


**NOTE: ALL ROBINAIR A/C MACHINES WILL REQUIRE A VACUUM PUMP OIL CHANGE EVERY 10 HOURS OF VACUUM PUMP RUN TIME. ALL MACHINES WILL PROMPT THE OPERATOR WHEN A VACUUM PUMP OIL CHANGE IS NEEDED. THE VACUUM PUMP OIL MUST BE CHANGED WHEN PROMPTED.**

Failure to follow manufacturers recommended service intervals will result in premature failure/damage to the unit with unnecessary downtime and expense.



- Plug the machine into a proper power source and turn the power switch on.
- Press the “MENU” button located on the control panel.



- Using the up and down arrow keys scroll to the vacuum pump oil change screen.

34700-2K and 34700Z - “CHANGE VACUUM OIL”  
34788 - “MAINTAIN VACUUM OIL”

- Press the “START/YES” button



34700-2K and 34700Z - The vacuum pump will start and the display will read “WARMING OIL, PLEASE WAIT” and “TIME X:XX”

34788 – The screen will display – PUMP OIL TIME, TIME REMAINING and ask CHANGE OIL?  
Press the STATR/YES button. The vacuum pump will start and the display will read –  
VACUUM PUMP OIL CHANGE TIME X:XX

The vacuum pump will run for 2 minutes and stop.



The display will read –  
34700-2K and 34700Z – “DRAIN OIL FROM PUMP AND FILL WITH 8 OZ OF NEW OIL”  
34788 – “DRAIN OLD OIL AND ADD 5 OZ NEW OIL”

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- When the vacuum pump stops remove the fill plug and oil drain fitting cap and drain the vacuum pump oil into a suitable container.
- Reinstall the oil drain fitting cap.
- The display will instruct to add 8 oz. or 5 oz. of new Robinair vacuum pump oil to the vacuum pump and press the “START/YES” button.



- The vacuum pump will start and the display will instruct to add vacuum pump oil to the vacuum pump.



- SLOWLY add vacuum pump oil to the vacuum pump until the oil level is at the center of the vacuum pump oil site glass.
- When the oil level is at the proper level press the STOP/NO button and the vacuum pump will stop.
- Reinstall the oil fill plug and check for leaks.
- Completing this process will reset the vacuum pump run timer to zero.
- Properly dispose of used vacuum pump oil.

- To check vacuum pump run time since the last vacuum pump oil change select the MENU option as follows.

34700-2K – “VACUUM OIL TIME”  
34700z - “VACUUM OIL TIME”  
34788 – “MAINTAIN VACUUM OIL”