

# AC Machine Filter/Dryer Change Procedure 34700-2K, 34700Z and 34788



The filter-drier on these units is designed to trap acids and particulates, and to remove water from the refrigerant. Change the filter-drier after every 150 lbs. (68 kg) of recovered refrigerant to ensure adequate moisture and contaminant removal. The 34700-2K and 34700Z will prompt the operator to change the filter at 150 lbs. (68 kg) of recovered refrigerant. The 34788 will start notifying the operator at 100 lbs. (45 kg) of recovered refrigerant that the filter will need to be changed in XX.XX lbs or kgs. The 34788 will lock out when 150 lbs. (68 kg) of refrigerant has been recovered. The machine will not function until the filter has been changed.



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



- Using the up and down arrow keys scroll through the menu options until the filter change screen is displayed –

34700-2K and 34700Z – “CHANGE FILTER”  
34788 – “MAINTAIN FILTER”

- Press the START/YES button



34700-2K – Press the START/YES button a second time to start the filter/dryer clearing process.  
34700Z – The machine will go directly into the clearing process.  
34700-2K and 34700Z - When clearing is completed the machine will display – “TURN UNIT OFF AND REPLACE FILTER”. Turn off the machine and unplug the power cord.



34788 – The display will show –  
XXX LBS FILTERED  
RECOVER LOCKOUT IN XXXLBS  
REPLACE FILTER NOW?  
PRESS STOP TO EXIT

Press the START/YES to start the filter change process. If there is pressure in the filter the machine will begin a clearing process. When no pressure exists in the filter the display will read - “ENTER 10 DIGIT SERIAL NUMBER”

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- 34700-2K and 34700Z – Open the rear cabinet door.
- Remove the old filter.
- Look at the new filter—verify both o-rings are lubricated and correctly located in the grooves. Thread the new filter into place and wrench snug.
- Press START / YES.
- Close the rear cabinet door and plug machine in.



- 34788 – Enter the 10 digit serial number found on the 34724 filter using the keypad on the control panel.
- Press the START/YES button.
- The display will read – “PLEASE REPLACE FILTER”
- Look at the new filter—verify both o-rings are lubricated and correctly located in the grooves.
- Thread the new filter into place and wrench snug.
- Press START/YES.
- Close the door. Press **STOP / NO** to exit. The filter/drier replacement is now complete.

*Note: If the display shows SERIAL NUMBER ERROR, the serial number is invalid or the filter-drier serial number has already been used in this unit. Contact Robinair tech support at 1-800-822-5561 for assistance.*

Completing this process will reset the filter/dryer filtered weight counter to zero.

- To check remaining filter capacity select the MENU option as follows will display the amount of refrigerant filtered since the last filter change.
  - 34700-2K – “FILTER CAPACITY”
  - 34700Z - “FILTER CAPACITY”
  - 34788 – “MAINTAIN FILTER”