

CustomAir[®] by RAMVAC[®] 1000 Series Maintenance Chart



1023D



1013D



1022



1025D



1027D

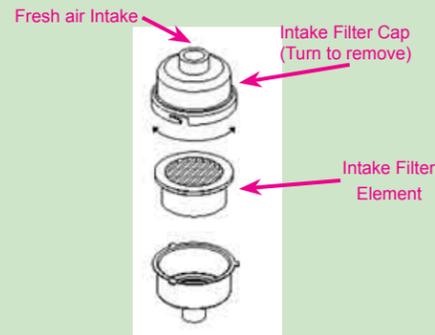


1029T

Replacing Intake Filter

Note: All models use the same intake filter (1 for each head).

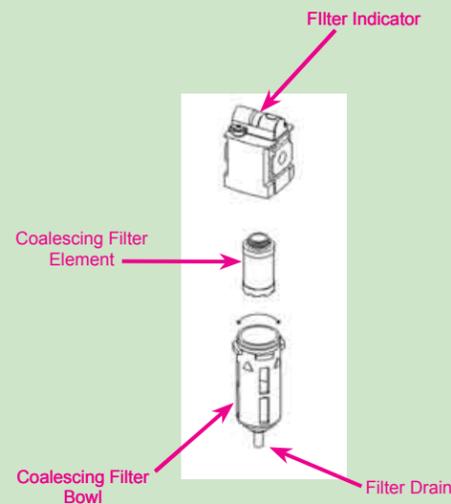
1. Turn compressor off with the power button on the C1 Control.
2. Unplug compressor from outlet.
3. Remove intake filter cap by pressing down and rotating.
4. Remove intake filter and discard.
5. Install replacement filter and filter cap.
6. Plug power cord into outlet.
7. Return compressor to service.



Replacing Coalescing Filter

Note: All models use the same coalescing filter.

1. Turn compressor off with the power button on the C1 Control.
2. Unplug compressor from outlet.
3. Bleed air from system.
4. Push up slightly and turn coalescing filter bowl slightly and remove.
5. Remove filter by turning completely out.
6. Install new .5 micron filter.
7. Position filter bowl, push up slightly and turn into place.
8. Plug power cord into outlet.
9. Return compressor to service.



CustomAir[®] by RAMVAC[®] compressor preventive maintenance is simple, clean, and inexpensive. It can help ensure your system provides years of predictable performance.

Key points for trouble-free operation:

- Check the Coalescing and Particulate filter indicator every month.
- Keep compressor clean and free of dirt.
- Keep area surrounding compressor free of debris.
- Maintain a controlled ambient temperature between recommended levels.
- High temperatures will shorten the life of the air compressor.
- Follow the recommended preventative maintenance schedule.

Preventive Maintenance Schedule

This is a recommended schedule for a compressor in a clean, dry environment. Any site other than specified will decrease the maintenance time exponentially.

Test for Air Leaks	1st Week and Annually
Replace Intake Filters	Annually
Replace Coalescing Filter	Replace annually or when filter indicator moves to completely red when unit is running
Replace Particulate Filter	Replace annually or when filter indicator moves to completely red when unit is running
Inspect Dryer	Annually
Test Safety Valves	Annually
Replace Dessicant Cartridges	Every 5 years

Inspect Dryer

1. Operate the compressor until the pressure of the tank reaches at least 45 psi.
2. Turn the compressor off with the Power button on the C1 Control.
3. Carefully open the tank petcock.
4. If no water drains from the tank when the valve is opened the dryer is working and go to step 6.
5. If water drains from the tank when the valve is opened the dryer is not working. See "Dryer Service Procedure" on web at www.ramvac.com or contact RAMVAC[®] at 1-800-572-6822.
6. Return compressor to service.

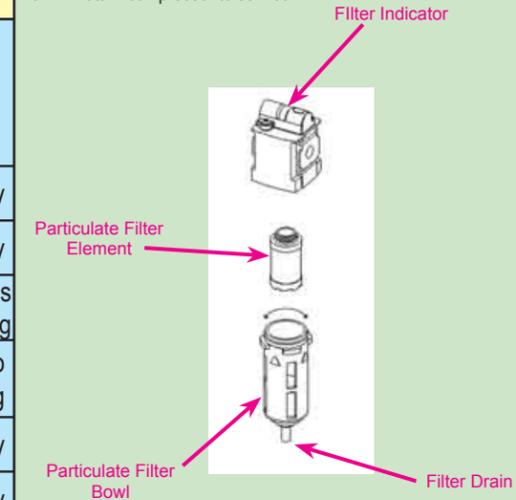
Test Compressor for Leaks

1. Close valve to facility plumbing.
2. Run compressor until it shuts off at 100 psi.
3. Turn compressor off with the power button on the C1 Control.
4. Let compressor set for 5 minutes.
5. If the pressure drop is more than 5 psi in a 5 minute time period, leaks must be repaired.
6. Repair if needed.
7. Open valve to facility plumbing.
8. Return compressor to service.

Replacing Particulate Filter

Note: All models use the same particulate filter.

1. Turn compressor off with the power button on the C1 Control.
2. Unplug compressor from outlet.
3. Bleed air from system.
4. Push up slightly and turn particulate filter bowl slightly and remove.
5. Remove filter by turning completely out.
6. Install new .01 micron filter.
7. Position filter bowl, push up slightly and turn into place.
8. Plug power cord into outlet.
9. Return compressor to service.



Test Safety Valves

1. Run compressor until 45 psi shows on the gauge.
2. While the compressor is still running, pull ring on safety valve. Note: A loud burst of escaping air will be heard when air is released from the safety valve.
3. If no air comes out of safety valve, the valve is defective and valve must be replaced immediately. Caution: Bleed air from system before servicing.
4. Repeat procedure for each safety valve. (one for each head plus one at tank inlet)
5. Return compressor to service.



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