To clean the duct smoke detector:

1. Remove the detector's cover then power down the detector by disconnecting the Signature loop Data In and Data Out wiring.

2. Using a vacuum cleaner, clean compressed air, or a soft bristle brush, remove loose dirt and debris from inside the detector housing and cover.

   Use isopropyl alcohol and a lint-free cloth to remove dirt and other contaminants from the gasket on the detector's cover.

3. Squeeze the retainer clips on both sides of the optic housing then lift the housing away from the printed circuit board.

4. Gently remove dirt and debris from around the optic plate and inside the optic housing.

5. Replace the optic housing and detector cover.