Cleaning Demonstrations
Pilot Assembly

- Use Compressed Air to clean the Pilot
  No more than 30 PSI
- 5 to 6 blasts of air in the Air Inlet Ports
- 10 to 12 blasts of air Down the pilot tube itself
- Do not insert anything into the Pilot to clean this could break the orifice
Different kinds of Pilots

- Three main types
- O P manufacturing Pilot
- Copreci Pilot
- Sourdillon Pilot
Air Inlet Hole must be cleaned with compressed air
Copreci Pilot style 1

1/8th inch gap in bend of metal

Air Inlet Port located under bi-metal flap
Copreci Pilot style 1 View 2

- 1/8 inch gap
- Air Inlet Port
Copreci Pilot style 2

cold choke adjustment

Air Inlet Port Under bi-metal strip
Copreci Pilot style 2 View 2

1/8th inch gap

Air Inlet Port
Under Bi-metal flap
Sourdillon Pilot

Air inlet port keep clear of dust and debris.
Burners
**Tube Burners**

- Air Injector Holes need to be cleaned regularly to maintain proper operation.
- They should be free of lint, dust, and hair.
- The Burner Ports on the tops of the Tube burners should also be cleaned.
- Use a combination of Compressed air and a vacuum.
Air Injector Holes type 1

- Use compressed air on both the upper and lower set of Air Injector Holes
- Actual Holes may Differ between kidney shaped and several holes
Burner Ports type1

- Clean the burner ports very well to remove any build up of dust and particles
Air Injector Holes type 2

- Clean Both top and bottom Air Injector Holes with compressed air
This is how dirty Injector Holes can get
Plaque Type Burners

- Plaque Units have to be cleaned very regularly to prevent flare up along the top of the burner.
- Do not use a Vacuum Cleaner on this type of unit it draws dust into the burner ports.
Cleaning Plaque Burners

- Use an Air Compressor set on between 25 and 35 PSI
- Begin at the top of a plaque and work from left to right and from the top to the bottom
Cleaning Log Sets

- Log Sets should be cleaned with the brush attachment of a vacuum cleaner or a soft disposable cloth.
- Log should Never be cleaned with water or spray cleaners.
Thank You!