

#204 20445 62nd Ave  
Langley, B.C. V3A 5E6  
Phone 604-539-9533

# *& Heating* **Custom Cooling Solutions**

The Following is a set of instructions to assist homeowners with the cleaning of their new electronic air cleaner (EAC). These instructions are a guideline only. Custom Cooling Solutions does not accept any liability for damage to equipment or personal injury resulting from the EAC cleaning procedure. Care and caution should be used at all times when cleaning the EAC. Only Certified EAC cleaner and parts should be used.

## **Frequency of cleaning**

The filters should be checked once per month (clean as required)  
Minimum cleaning of all filters every 3 months

## **Replacement of filters**

Replace the pre-filters if damaged or every 5 years  
Electronic cells should only be replaced if damaged  
Replace charcoal filters every 6 months to 1 year as required

## **Steps for cleaning**

A) Remove all of the filters from the EAC cabinet

- 1 Turn the power **OFF** to electronic air cleaner (EAC)
- 2 Turn the power **OFF** to furnace / air handler
- 3 Remove EAC cover
- 4 Remove the 2 pre - filters
- 5 Remove the 2 electronic cells
- 6 Remove the 3 charcoal filters
- 7 Replace the EAC Cover

B) Clean the filters

See Steps below to clean the filters

C) Place cleaned filters back into the EAC cabinet

- 1 Remove the EAC cover
- 2 Install 3 charcoal filters
- 3 Install 2 electronic cells
- 4 Install 2 pre filters
- 5 Replace the EAC cover
- 6 Turn the power **ON** to furnace / air handler
- 7 Turn the power **ON** to electronic air cleaner (EAC)  
(If the performance light does not come on or arcing occurs, turn the EAC power off and allow the air from the system to dry cells completely 2 hrs Minimum. Repeat Step 6)

## **To Clean the Filters**

Clean the pre filter

Spray the upstream or dirty side of the pre filters with EAC Cleaner fluid  
Let the cleaning fluid set on the pre filters for 5 to 15 minutes  
Rinse the filter with warm water with the dirty side of the filter facing down away from the warm water source.  
Let the pre filter air dry in a vertical position in a warm dry clean area for 2 hrs minimum.  
(Do not use the same water as the electronic cells)

Clean the Electronic cells

Spray the both sides of the cell plates  
Let the cleaning fluid set on the cell plates for 5 to 15 minutes  
Rinse the filter with hot water (max 120F).  
Repeat steps 1 to 3 three times  
Tilt the cells on a 45 degree angle on their short side with arrows pointing sideways. Let the cells air dry in a warm dry clean area for 2 hrs minimum.

Clean the charcoal filters

Spray the upstream or dirty side of the charcoal filters with EAC Cleaner fluid  
Let the cleaning fluid set on the charcoal filters for 5 to 15 minutes  
Rinse the filter with warm water with the dirty side of the filter facing down away from the warm water source.  
Let the charcoal filter air dry in a vertical position in a warm dry clean area for 2 hrs minimum.  
(Do not use the same water as the electronic cells)