Combustion fan blockages can occur when environmental particulate and foreign matter contaminants (leaves, dust, dandelion & cottonwood fluff, etc) are drawn into the air intake. In areas where this problem is suspected to be an issue, our optional air intake filter should be installed.

The IBC Air Intake assembly - Part #SC-100A consists of a Housing, Filter Element, and Lid.

The filter housing is normally attached by friction fit to the 2” ABS air intake pipe at the bottom of the IBC boiler and to 2” schedule 40 Intake piping of a direct vent installation.

Gear clamps may be necessary in installations where there is no support to hold the filter in place.
Some dusty indoor air installations may benefit from the addition of an air intake filter.

The filter does not necessarily have to be installed directly to the bottom of the boiler. Many configurations are possible, including outdoor installation in frost-free climates.

**Maintenance**

Filters should be checked and cleaned or replaced on a regular schedule based on the severity of the problem. We recommend checking the filters frequently until a history of blockage frequency can be established.

Some geographical areas may be subject to severe seasonal contamination as illustrated in the photo below. In this case, mid Summer release of Cottonwood fluff has created a significant amount of filter element fouling.

In many cases, filter elements can be vacuumed or brushed clean. When filter elements become plugged to the point where cleaning cannot restore proper airflow, replacement of the element will be necessary.

Replacement filter elements (IBC Part # 103), can be ordered from your IBC distributor.

**FOR ADDITIONAL INFORMATION ABOUT IBC AND IBC PRODUCTS, PLEASE VISIT OUR WEB-SITE AT**

www.ibcboiler.com