

Air Curtain Incinerator

Guidance for use in B.C. under the open burning smoke control regulation

What is an Air Curtain Incinerator?

Air curtain incinerator is a device that is designed to aid in combustion and reduce emissions by directing a flow of air across the (a) open chamber in the device, or (b) trench.

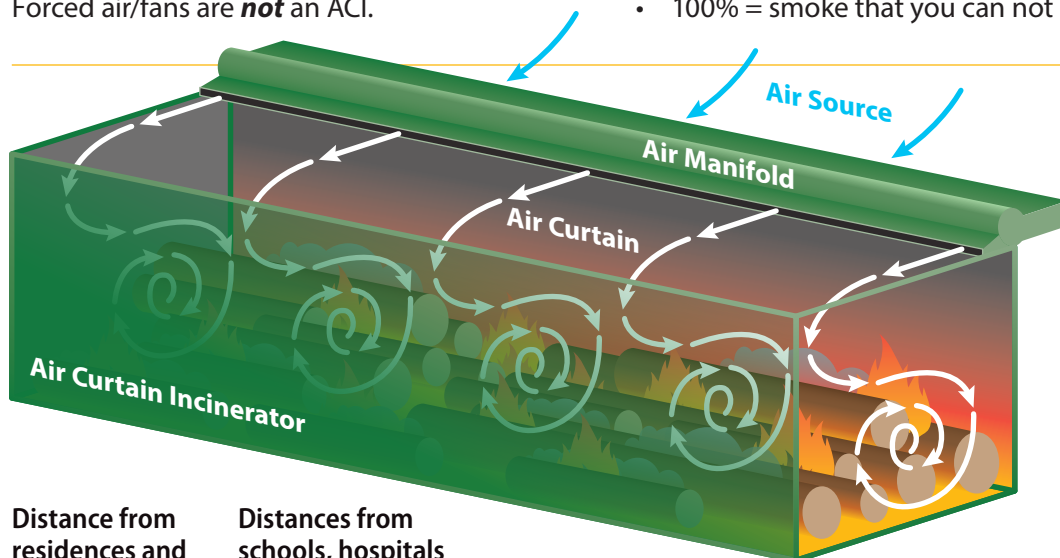
Other names are ACI, Burn Box or Air Curtain Burner.

Forced air/fans are **not** an ACI.

Opacity Explained

Opacity may be 40% during the 30 minute start-up period and then must not exceed 15% for more than 5 minutes during any other 30 minute period.

- 0% = no visible smoke
- 15% = transparent, barely visible smoke
- **40% = smoke that you can see through**
- 100% = smoke that you can not see through



Useful Tip!

Material does not need to be seasoned when using an ACI.



Distance from residences and businesses

Distances from schools, hospitals and care centers

