

# VENTILATION VIDEO BINGO CARDS

*Cut out the Bingo Card squares. Glue the squares to the bingo card on the next page in any pattern that you choose.*

How often should the filters be changed on a Unit Ventilator?	About 50% of ventilation systems in all schools are Unit Ventilators, what are the other half?	When using a Roof Top Unit for ventilation, when should the exhaust fans be running?	When using a Roof Top Unit why do you NOT want to have standing water by the cooling module?
What is IAQ (Indoor Air Quality)?	What is one of the considerations faced when using a Roof Top Unit?	How do you get rid of polluted air that is inside the building?	What percentage of time do we spend inside of the school?
When using a Unit Ventilator, what is the name of the equipment used to determine the volume of air flowing in or out of the classroom?	How often should the filters be changed on a Roof Top Unit?	How many more times polluted is the air inside than the air outside?	What are two things to pay attention to when maintaining the outside intake grill of a Unit Ventilator?
In reference to the Unit Ventilator grill, what is meant by QUANTITY of air?	In reference to the Unit Ventilator grill, what is meant by QUALITY of air?	How often should the dampers on a Roof Top Unit be checked to be sure they are working?	What pipe on a roof top unit emits sewer gas?

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Supplemental Material: Ventilation Video Bingo Cards  
(accompanies IAQ Lesson 5 — Ventilation Basics Video Inquiry)

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All or part of these materials may be modified and adapted for classroom use.

To request a free copy of EPA's *Indoor Air Quality Tools for Schools* (IAQ TFS) Action Kit  
contact IAQ INFO at 800-438-4318 or visit <http://www.epa.gov/iaq/schools/actionkit.html>.

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## Answer Key

<p>How often should the filters be changed on a Unit Ventilator?</p> <p>Once a season</p>	<p>About 50% of ventilation systems in all schools are Unit Ventilators, what are the other half?</p> <p>Duct Systems</p>	<p>When using a Roof Top Unit for ventilation, when should the exhaust fans be running?</p> <p>All times students are in the building and whenever the building is occupied</p>	<p>When using a Roof Top Unit why do you NOT want to have standing water by the cooling module?</p> <p>Breeding ground for mold and bacteria</p>
<p>What is IAQ (Indoor Air Quality)?</p> <p>The quality of the air inside of a building</p>	<p>What is one of the considerations faced when using a Roof Top Unit?</p> <p>Protecting the air at the intake grill</p>	<p>How do you get rid of polluted air that is inside the building?</p> <p>Get the air from outside in and the stale air out</p>	<p>What percentage of time do we spend inside of the school?</p> <p>90%</p>
<p>When using a Unit Ventilator, what is the name of the equipment used to determine the volume of air flowing in or out of the classroom?</p> <p>Flow hood</p>	<p>How often should the filters be changed on a Roof Top Unit?</p> <p>Once a season</p>	<p>How many more times polluted is the air inside than the air outside?</p> <p>2-5 times</p>	<p>What are two things to pay attention to when maintaining the outside intake grill of a Unit Ventilator?</p> <p>Quality and quantity</p>
<p>In reference to the Unit Ventilator grill, what is meant by QUANTITY of air?</p> <p>Clear - no blockage</p>	<p>In reference to the Unit Ventilator grill, what is meant by QUALITY of air?</p> <p>No fumes or outdoor pollution sources</p>	<p>How often should the dampers on a Roof Top Unit be checked to be sure they are working?</p> <p>Once a year</p>	<p>What pipe on a roof top unit emits sewer gas?</p> <p>Plumbing stack</p>