

To begin the process, follow these steps:

- 1 Hire a certified plumber or fire sprinkler company**
(Find a list at epcor.com/crossconnection)
- 2 They will then:**
 - a) Request permits from the City of Edmonton
 - b) Install the backflow preventer (may take a full working day and water shut off will be required)
 - c) Complete and submit the test report to EPCOR
- 3 Complete annual testing**
Takes 1–2 hours with a short water shut-off. Your contractor must submit the report to EPCOR.

HOW EPCOR SUPPORTS YOU

EPCOR's Cross Connection Control Program helps you stay compliant and protect Edmonton's water supply. Here's how we help:

- Track your backflow preventers and testing history so nothing gets missed
- Ensure backflow testers are certified and that their equipment is properly calibrated
- Inspect properties to confirm backflow preventers are installed correctly
- Send reminders when annual testing is due
- Maintain a list of contractors that are registered with EPCOR who can install and test your backflow preventer

EPCOR

Cross Connection Control

Helping Protect
the Public
Water Supply

FOR MORE INFORMATION

 780.412.7840

 epcorwaterccc@epcor.com

 epcor.com/crossconnection

EPCOR

Backflow happens when water flows the wrong way, potentially bringing harmful chemicals or bacteria into our drinking water supply. It's a serious risk, but it's preventable.

That's why the **City of Edmonton and EPCOR** require certain properties to **install and test backflow prevention assemblies**.

EPCOR is here to help you stay compliant and protect the public water supply.

WHAT IS A CROSS CONNECTION?

A cross connection is a piping installation that allows a potable water system to be connected to a source of potential pollution or contamination. If backflow occurs, these contaminants can enter the public water supply.

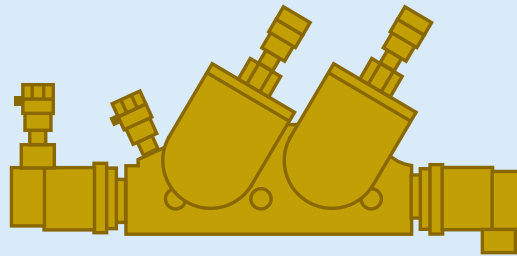
Common cross connections include:

- Fire sprinkler systems
- Swimming pools
- Lawn irrigation
- Boilers
- Cooling towers
- Reclaimed water systems
- Industrial and manufacturing processes

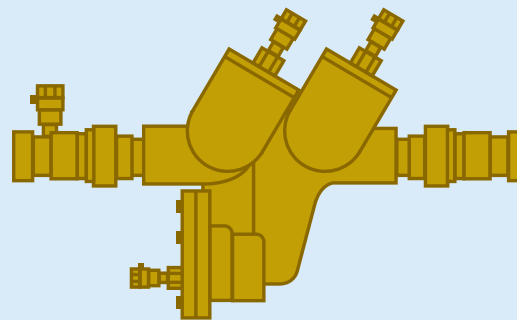
WHO NEEDS A BACKFLOW PREVENTER?

If you own or manage a commercial, industrial, institutional, or multi-residential property (five units or more), you need a backflow preventer. The type of device you will need depends on the buildings hazard classification:

- **Restaurants, schools, offices, apartment buildings and most commercial facilities** are examples of moderate risk and require a Double Check Valve Assembly



- **Hospitals, car washes, laboratories, automotive repair shops, and other facilities handling high hazard processes (chemicals, process water, etc.)** are examples of high risk and require a Reduced Pressure Principle Assembly



BYLAW REQUIREMENT

Under the City of Edmonton and EPCOR Water Services Bylaw 19626, property owners must:

- Identify and eliminate cross connections by installing an approved backflow preventer
- Test and maintain backflow preventers annually and ensure the results are submitted to EPCOR

Where a customer fails to eliminate an existing cross connection, EPCOR may take action to protect the public water supply. These measures may include financial penalties and suspension of water service as per the bylaw.

YOUR RESPONSIBILITIES

- Install and maintain your backflow preventers
- Have the backflow preventer tested upon installation, if it is moved, repaired, and annually thereafter
- Ensure that test reports are kept on site as well as submitted to EPCOR