Installer: Colin Sadler, BC, Canada

CASE STUDY

CSCS2026
Rev 04

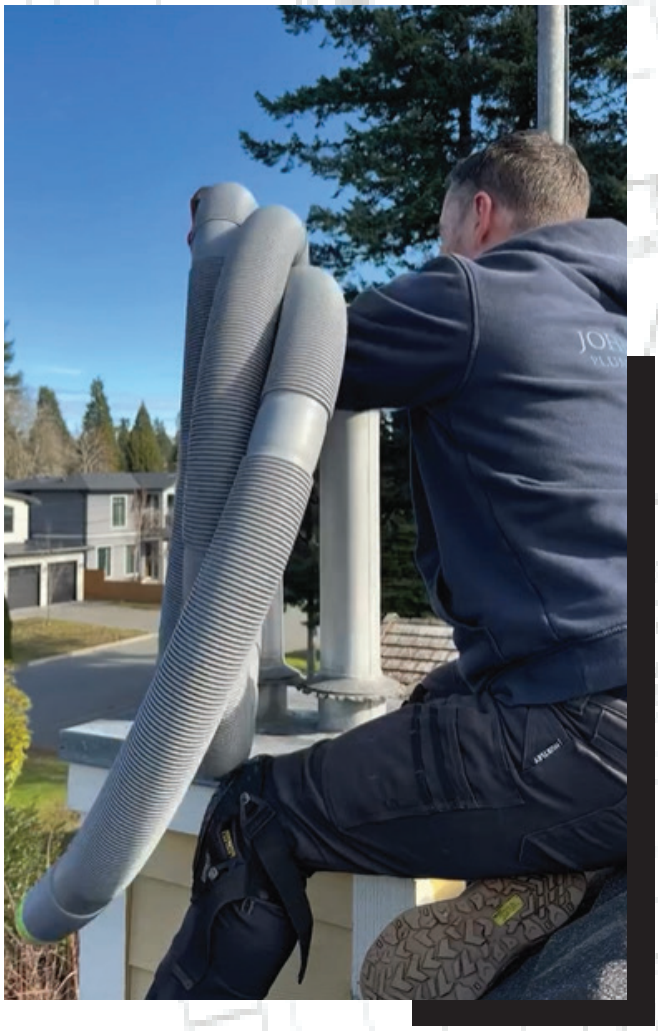
Residential Installation of Custom 3" B-vent Liner

Scope of the Job:

This project involved the installation of a Navien NCB combi water heater, including a custom 3" B-vent liner installation. Due to the existing construction and layout of the home, the installation presented several challenges.

A standard sidewall venting solution was not feasible because of the location of an exterior chimney and limited wall access. Installing the vent through the side wall would have required significant demolition and reconstruction of the existing wall structure.

To overcome these constraints, the team implemented an alternative venting solution by installing a 3" liner through the existing 4" B-vent system. This approach allowed the new unit to be installed efficiently while avoiding extensive structural alterations to the property.



Product Used:

3" InnoFlue® Flex B-Vent Liner Kit, including a B-vent cap, 3" Flexible Vent Liner, B-vent Support Bracket, and all required installation accessories and components.

INSTALLATION VIDEO

Installer Info:

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JOHN SADLER
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CE ICC ES UL 1738 ULC S636

Case Study Colin Sadler

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Colin Sadler
British Columbia, Canada

"Being able to push 30 feet of pipe up a B-vent so easily saves a huge amount of effort on the job."

– Colin Sadler, "@colin.the.plumber"

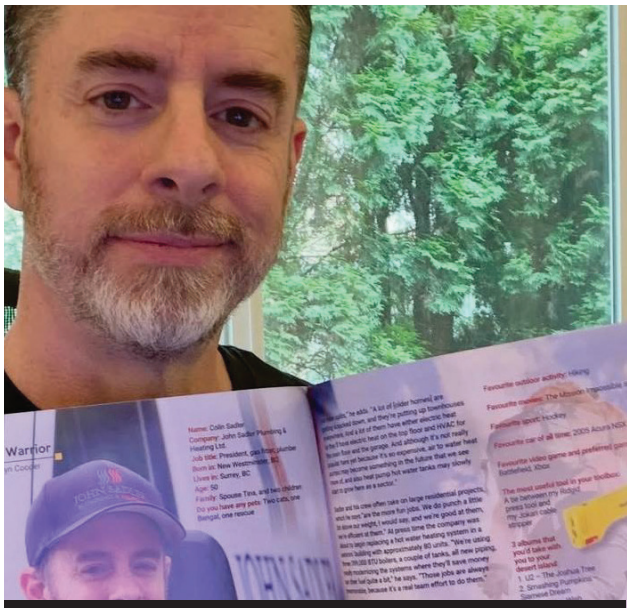
What I really like about the system is how lightweight it is. It's incredibly easy to stock in my van and simple to handle on the job site. The joints slide together really easily, which makes installation quick and straightforward.

I'm also really excited about using the new OctoClamps and Hangers. Another huge advantage is that if a measurement is slightly off or the vent wasn't cut short enough, we can easily take it apart, make an adjustment, and put it back together without any hassle.

The ease of use and installation really stands out. If we were using CPVC, it would be much heavier, especially when trying to install pipe 30 feet up through a B-vent. That's where the lightweight design really makes a difference. **Being able to push 30 feet of pipe up a B-vent so easily saves a huge amount of effort on the job.**

"Compared to CPVC, the lightweight system makes installation so much easier."

JOHN SADLER
PLUMBING & HEATING



"What I really like about the system is how lightweight it is.



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