

Fernox Alphi-11 Keeps Systems Safe in Winter



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Fernox F1 Protector + Antifreeze ≡ The **Perfect** Combination

SIX SIMPLE STEPS	IMPROVES OVERALL CLEANING PERFORMANCE	INCREASES LONG-TERM EFFECTIVENESS OF A FILTER	PROVIDES FUTURE PROTECTION FROM CORROSION
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With temperatures in Chicagoland dropping into the single digits, proper maintenance of HVAC systems becomes all the more important. Luckily, we have the perfect product for our hydronic heating contractors this winter: Fernox's Alphi-11 Antifreeze Protector.

We've been major proponents of Fernox for a while now, their products are tried-and-true solutions to all sorts of hydronic issues. You don't have to just take our word for it though, both Weil-McLain and NTI recommend using Fernox products with their equipment.

The Formula

With Alphi-11, Fernox has found a way to improve on the standard glycol antifreeze mixes and provide additional value for contractors and homeowners. Typically, antifreeze for hydronic systems consists of a mix of glycol and deionized water. Alphi-11 has both of those components and it also includes Fernox F1 Protector.

The Details

At a concentration of 40% antifreeze, Fernox's proprietary Alphi-11 formula results in a treatment that:

- Protects against corrosion
- Protect against scale
- Reduces operational noise
- Prevents freezing down to -7.6°F.

All of that from a product that costs roughly the same as a standard antifreeze.

Alphi-11 can be used safely in systems constructed of:

- Steel
- Cast iron
- Copper
- Brass

- Aluminum

The Process

Adding Alphi-11 to any hydronic system is an incredibly easy process. The steps are:

1. Clean the System using Fernox F3 Cleaner*
2. Allow the system to run for at least an hour and up to a week*
3. Flush the system*
4. Refill it and leave space for the planned amount of Alphi-11
5. Add Alphi-11 using the feed and expansion tank or direct injection
6. Set the circulating pump and system to run for several hours for even distribution

That's it! That's all it takes to protect a boiler against freezing, corrosion, scale, and to limit operating noise levels. As an added bonus, a clean system that has been properly treated will run more efficiently and more consistently, improving the quality of comfort provided.

*Using F3 and flushing the system is optional but highly recommended, especially when working with existing systems.

The Bottom Line

Using Fernox F1 Protector is a good business practice. Using hydronic antifreeze is a good business practice. Now you can knock out two birds with one stone at a price that makes sense for you and your customers. We're stocking Alphi-11 at all four of our branches; stop by today and add a bucket to your truck then include it on every boiler that you quote. Your clients will thank you!

Fernox Alphi-11 Antifreeze Protector Data Sheet