



IMAXFIRE

Installation Guidelines
and Best Practices

Imaxfire Series

Experience the original water vapor flames and dazzling orange glow of Imaxfire with our pioneering series of inserts.

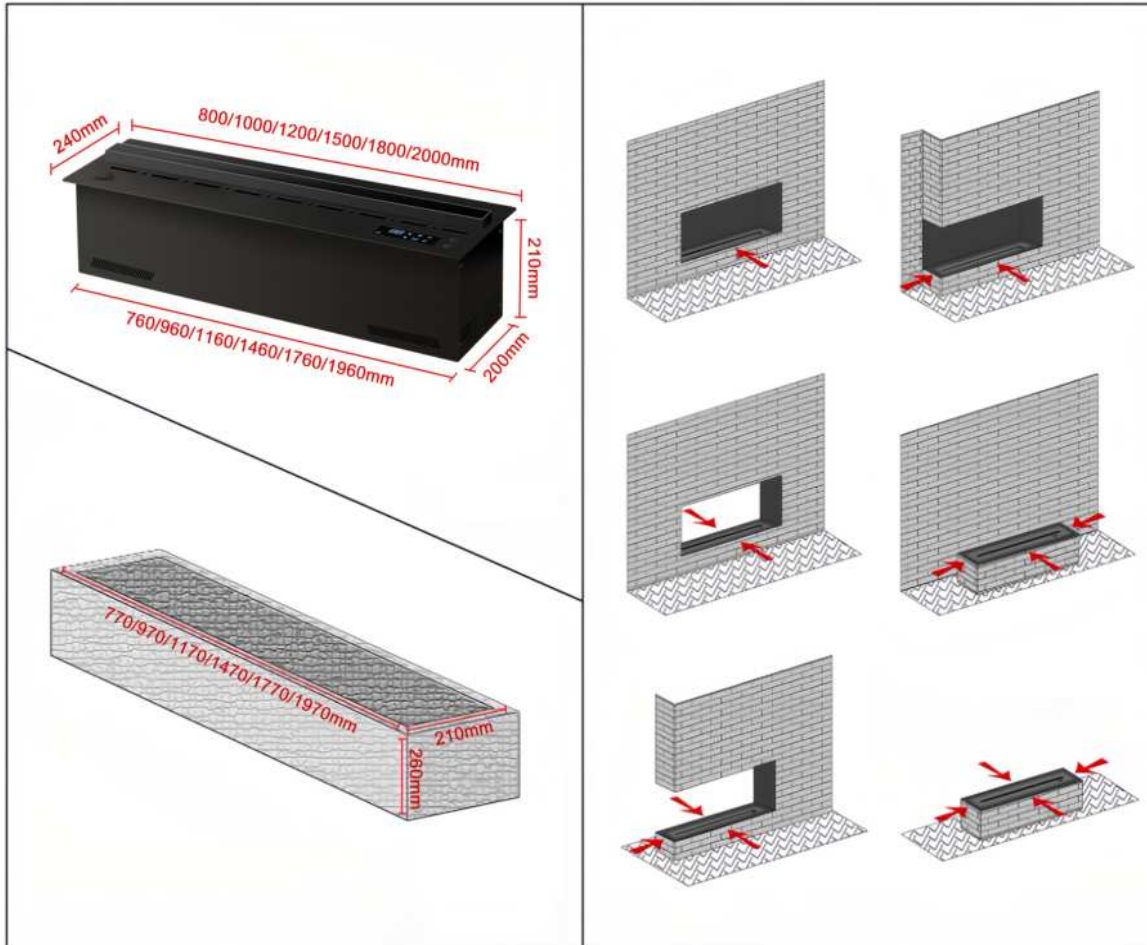


- Units can be ganged together to create continuous ribbons of flames up to 40cm .
- 6 hours of run time or can be direct plumbed for unlimited run time (direct plumb kit sold separately).
- Adjust the flame size (height) and speed (intensity) to enjoy 8 to 12" inch flames.
- Control via button on device or integrate with in-room automation via the dry port contact.

Quick Start Guide

1. Installing Into Its Site-Built Enclosure

- 1 Install Imaxfire into its housing, as shown in example below.
- 2 Connect the power cord (located at the bottom of the device)

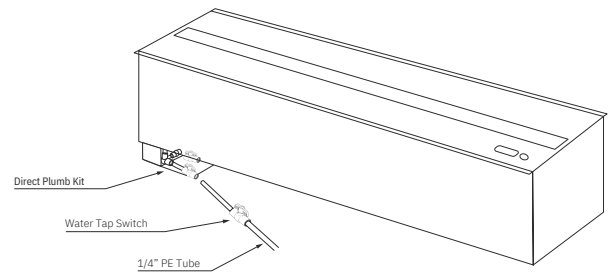


2. Filling Aquafire with Automatic Pump

- 1 When the water tank is short of water, it will make noise, indicating that water needs to be added
- 2 Connect the water pipe to the bucket and fireplace to complete automatic water refilling
- 3 The filling will start automatically and will end automatically when the water tank is full.

3. Connect Direct Plumb Kit (optional)

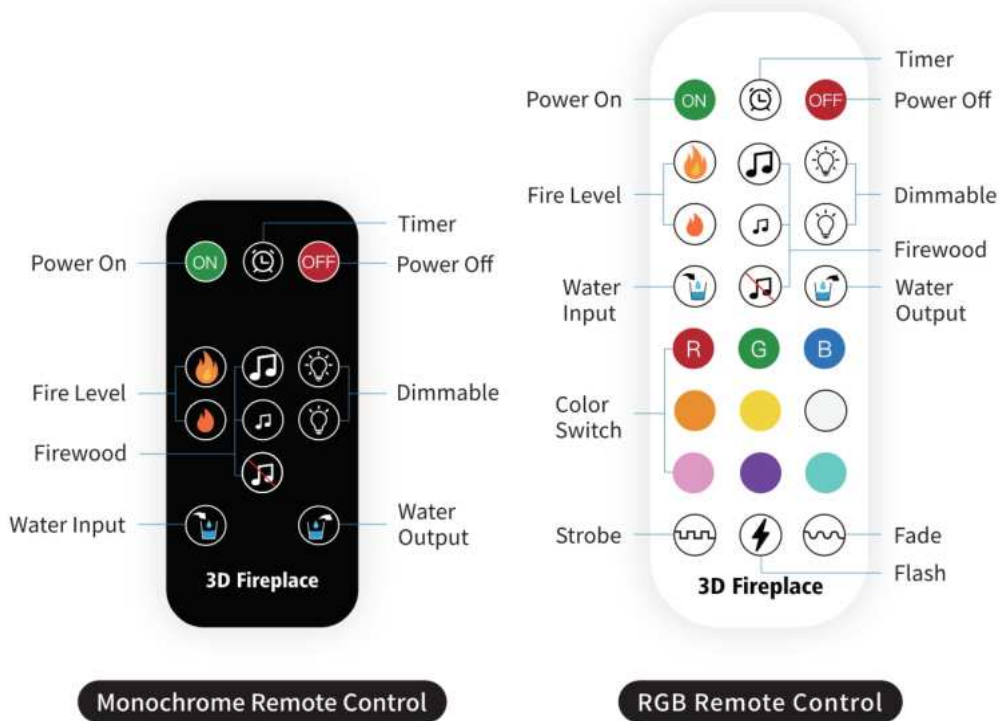
- 1 Connect a suitable reducer to the water network.
(Reducer = water network tube dimensions to 1/4")
- 2 Connect the 1/4" PEX pipe to the Imaxfire Direct Plumb Kit (sold separately).
- 3 The filling will start automatically and will end automatically when the water tank is full.



4. Pairing the Remote Control

- 1 Press and hold Both **ON** and **OFF** button on the unit for 5 seconds or until the button will begins flashing.
- 2 Press any button on the remote, you will hear a beep.
- 3 Beep confirms the control is paired to the unit.

Remote control



Preliminary Planning Information

Imaxfire Pro water vapor fireplace inserts have been designed to be extremely easy to install, simple to operate, and easy to maintain. When designing your fireplace, feel free to send your plans in for review and suggestions by our professional design staff.

Considerations:

- Accessibility to electricity and 1/4" water line, similar to ice maker in fridge.
- Recessed into wall, sitting proud of a wall or completely free-standing?
- If light cast upwards to ceiling is undesirable, consider recessing into the wall for a traditional hearth appearance. (we advise to create a 'light trap'. see **Light Trap** page for details)
- Determine decorative materials and finishes you expect to use. Since there is no heat, there are virtually no limitations.
- Plan to make it easy to remove fireplace insert should maintenance or repairs become necessary.
- Avoid or prevent air currents from doors, windows, and existing HVAC system which affect flame quality.

Installation:

Prepare the housing for your fireplace insert(s) and make sure the cutout has sharp corners (not rounded) and dimensions are exactly as specified. These dimensions are critical because the modules are suspended on flanges that span the opening. Too small, and fireplace will not fit, too large of opening, and fireplace insert will look sloppy or may even fall through the opening. Using the built in 'lifting loops', suspend the **Imaxfire** into the cutout after plugging in electric power converter(s) and connecting the 1/4" waterline if direct plumb kit is installed. If not, simply fill tank using tap water via the integrated pumping system once installed into enclosure.

That's it!– the installation is complete. Now start your fireplace and enjoy an extraordinary fireplace experience every day of the year!



World's most advanced
water vapor fireplace
technology!

Fireplace Specs and Cutout Dimensions

Imaxfire Dimensions



19.7in

Power: 180 W (Standard wall receptacle)
Tank Capacity: 2.5 Liters / Run Time 6-10 Hours
Direct Plumbed: 1/4" water line
Weight: 39.68 lbs



31.5in

Power: 220 W (Standard wall receptacle)
Tank Capacity: 3.6 Liters / Run Time 6-10 Hours
Direct Plumbed: 1/4" water line
Weight: 44 lbs



39.3in

Power: 280 W (Standard wall receptacle)
Tank Capacity: 4.5 Liters / Run Time 6-10 Hours
Direct Plumbed: 1/4" water line
Weight: 53 lbs



47.2in

Power: 336 W (Standard wall receptacle)
Tank Capacity: 5.4 Liters / Run Time 6-10 Hours
Direct Plumbed: 1/4" water line
Weight: 59.52 lbs



59in

Power: 420 W (Standard wall receptacle)
Tank Capacity: 6.7 Liters / Run Time 6-10 Hours
Direct Plumbed: 1/4" water line
Weight: 74.95 lbs



70.87in

Power: 504 W (Standard wall receptacle)
Tank Capacity: 8.1 Liters / Run Time 6-10 Hours
Direct Plumbed: 1/4" water line
Weight: 90.38 lbs

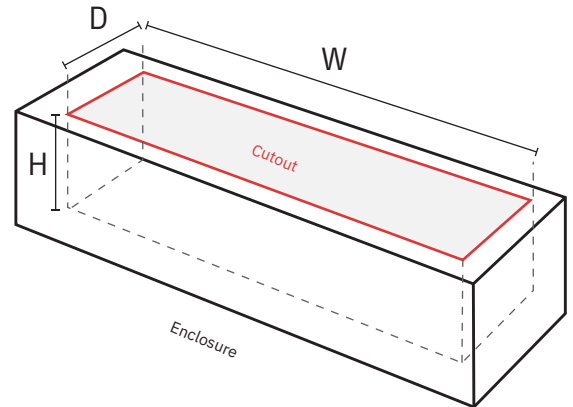


78.74"

Power: 560 W (Standard wall receptacle)
Tank Capacity: 9 Liters / Run Time 6-10 Hours
Direct Plumbed: 1/4" water line
Weight: 74.95 lbs

Cutout Dimensions

SIZE	W	D	H
500mm/19.7in	18.5	X 8.26	X 9.05in
800mm/31.5in	30.31	X 8.26	X 9.05in
1000mm/39.3in	38.18	X 8.26	X 9.05in
1200mm/47.2in	46.06	X 8.26	X 9.05in
1500mm/59 in	57.87	X 8.26	X 9.05in
1800mm/70.87in	69.68	X 8.26	X 9.05in
2000mm/78.74in	77.55	X 8.26	X 9.05in



*Direct Plumb Kit (optional) requires additional 2" of Height dimension.

Note:

Cutout dimensions are critical! Fireplace inserts are suspended in cutout opening from the attached flanges so be sure to measure carefully!

Flame height can reach 10~40cm

Connect and combine fireplace inserts together to create up to 40 cm of continuous flame that can be controlled by a single remote. Adjust the flame height according to different gears.



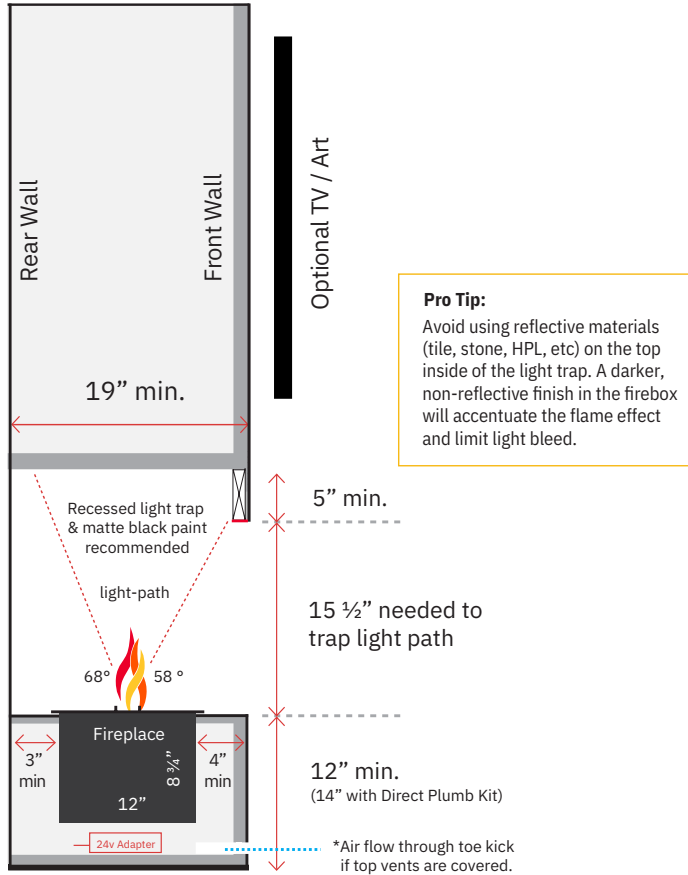
Up to 40 cm



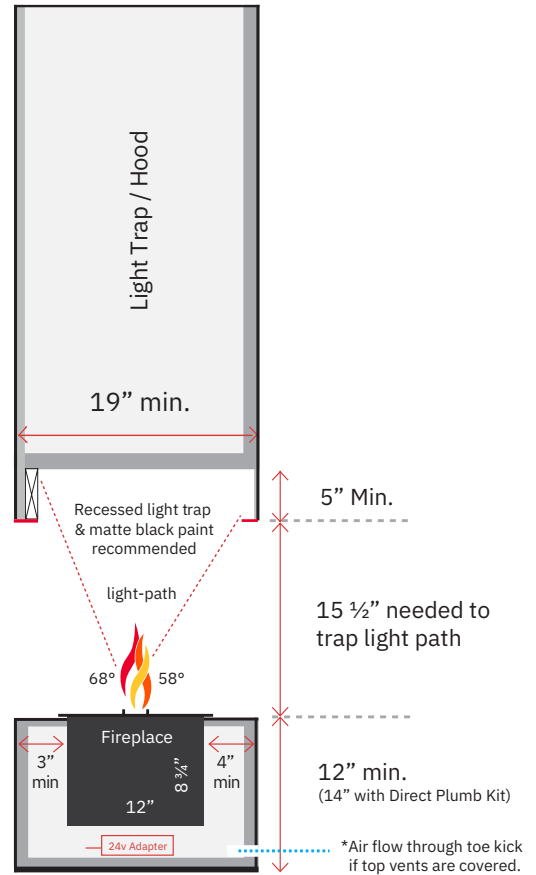
Enclosure Design Guidelines

Recommended Enclosure Dimensions

SIDE VIEW
SINGLE-SIDED HEARTH



SIDE VIEW
DOUBLE-SIDED HEARTH



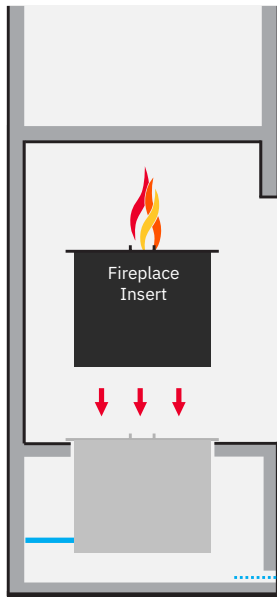
PLAN VIEW
SINGLE SIDED & DOUBLE-SIDED HEARTH (walls optional)



Installing Imaxfire Insert

Installing Insert into custom enclosure

SIDE VIEW

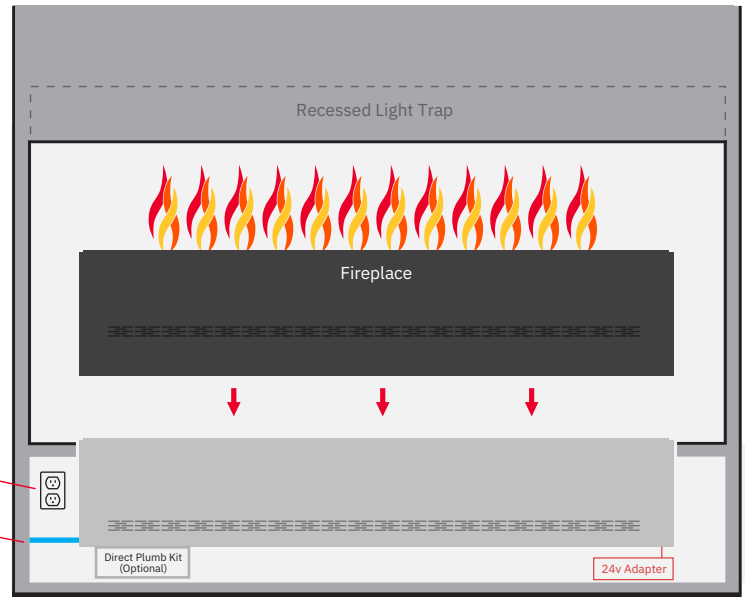


120v/60 Hz (min 12-amp) outlet

Optional ¼ PE water supply line

Air Intake through toe kick,
Optional if top vents are covered

FRONT VIEW



01 / Usage and warranty of atomized fireplace

About the atomization fireplace

Using atomization technology combined with special physical phenomena to create a realistic flame effect, an ultrasonic ion atomizer is built-in, and a blower is used to blow out water vapor. The light illuminates the water vapor to form the flame effect in front of us.

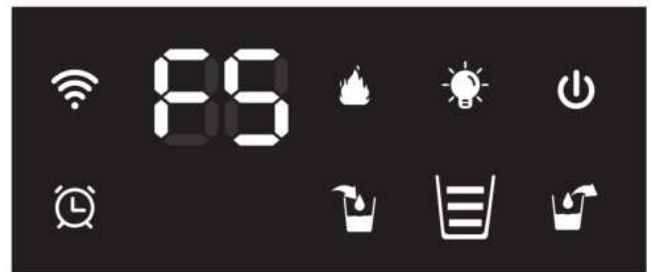
Installation and use of atomized fireplace

The 3D atomized fireplace is laid flat inside the groove, and sockets need to be reserved inside the groove.

Warning

- 1 When adding water, it is necessary to have someone watching from the side to avoid water splashing out and damaging electrical components.
- 2 This product relies on an ultrasonic atomizer to produce flames. It is best to inject purified water or reverse osmosis water into the water tank. When used for a long time, the atomization plate is prone to cracking due to scale, which can seep into the atomizer and cause short circuit damage. Therefore, it is necessary to regularly clean the scale on the atomizer to prolong its service life.
- 3 If you need to move/move the machine, remember to first cut off the power, drain the water in the water tank, and then carefully test the temperature of the machine panel with your hands before moving/moving the machine.

02 / Panel



- | | | |
|------------------|-------------|--------------|
| Power | Dimmable | Fire Level |
| Atomization Gear | WIFI | Water Output |
| Volume State | Water Input | Timer |

Enclosure Design Guidelines

Enclosure Ideas

Some examples of the many ways to install imaxfire.

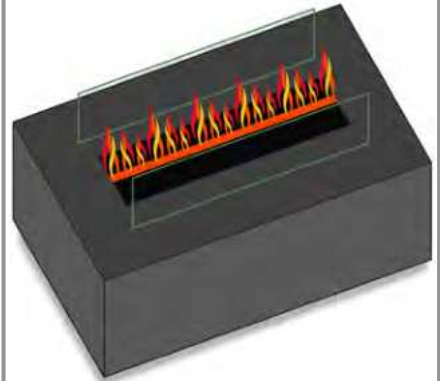
Type 1: Recessed Hearth



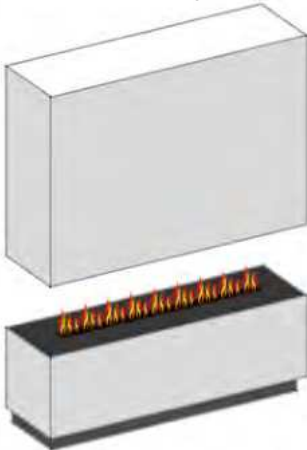
Type 2: Open Hearth (against wall)



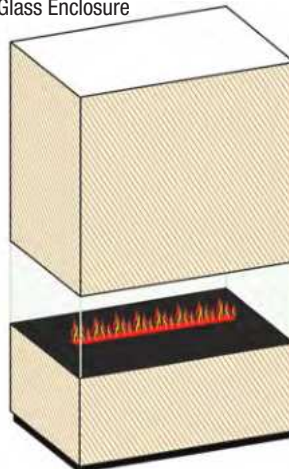
Type 3: Coffee Table (Fire Pit)



Type 4: Room Divider Floating Wall



Type 5: Glass Enclosure



Type 6: Dining Table



Type 7: Retrofit (traditional)



Type 8: Wall Hung



Type 9: 3-Sided Island

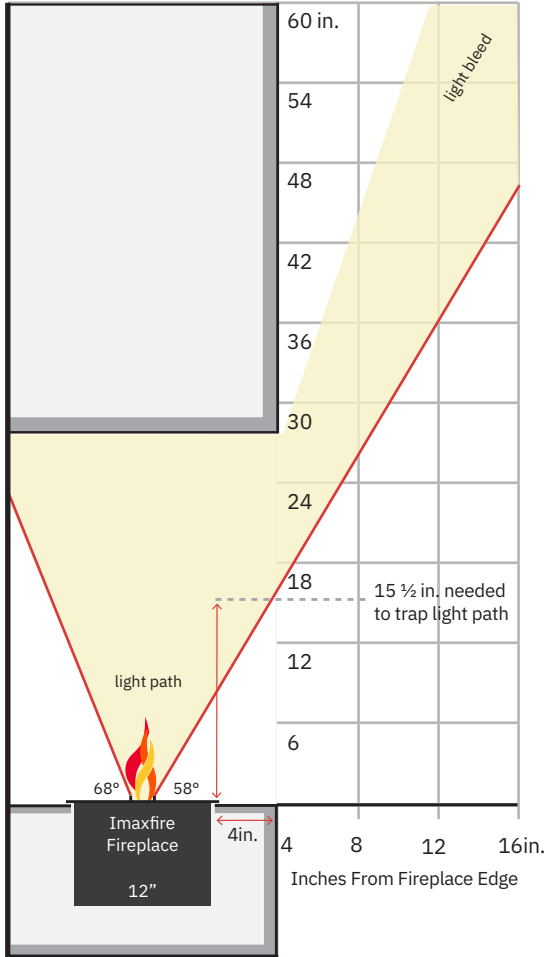


Enclosure Design Guidelines

Light Bleed Examples

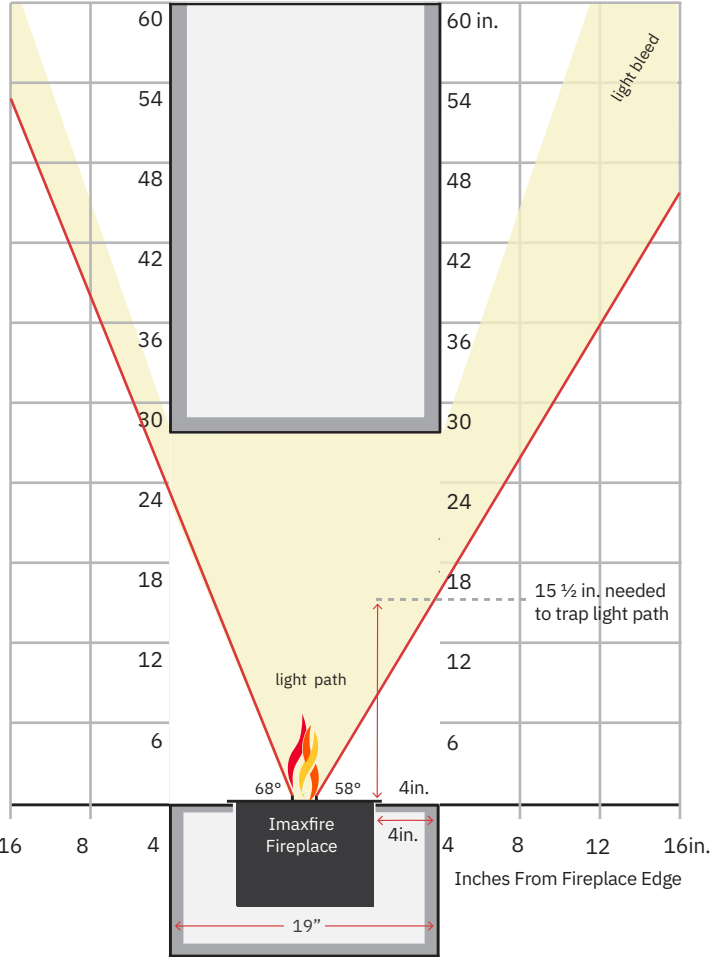
Example 1

Wall opening/cutout too high resulting in light escaping.



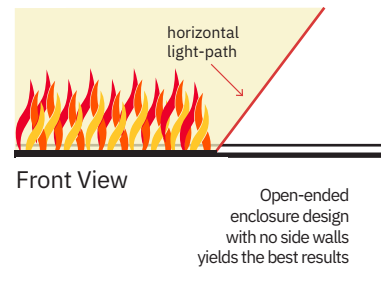
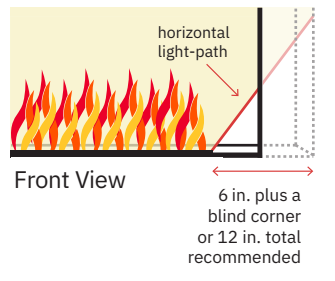
Example 2

Enclosure hood not low enough to trap light resulting in light escaping both sides.



Be aware of side light reflection!

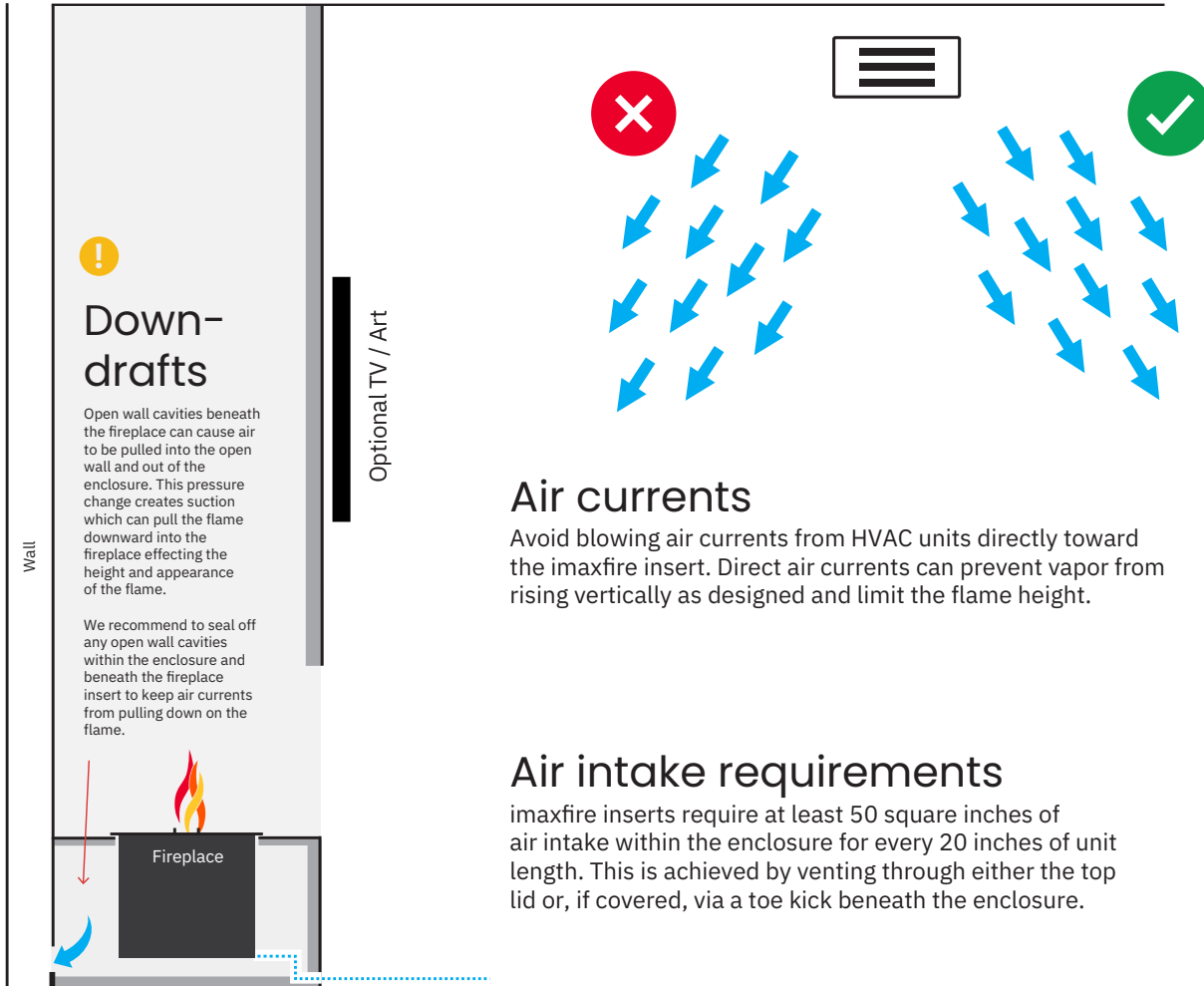
A **minimum of 12"** clearance plus a **blind corner** will help to dramatically cut down on horizontal light reflection. For optimal results, utilize an open-ended hearth design.



Enclosure Design Guidelines

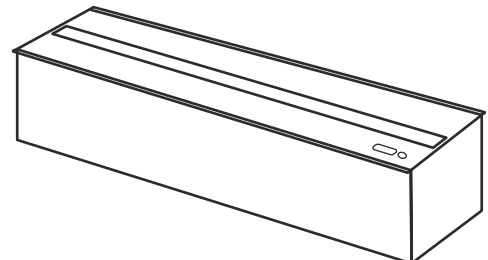
Air Flow Best Practices

SIDE VIEW SINGLE-SIDED HEARTH



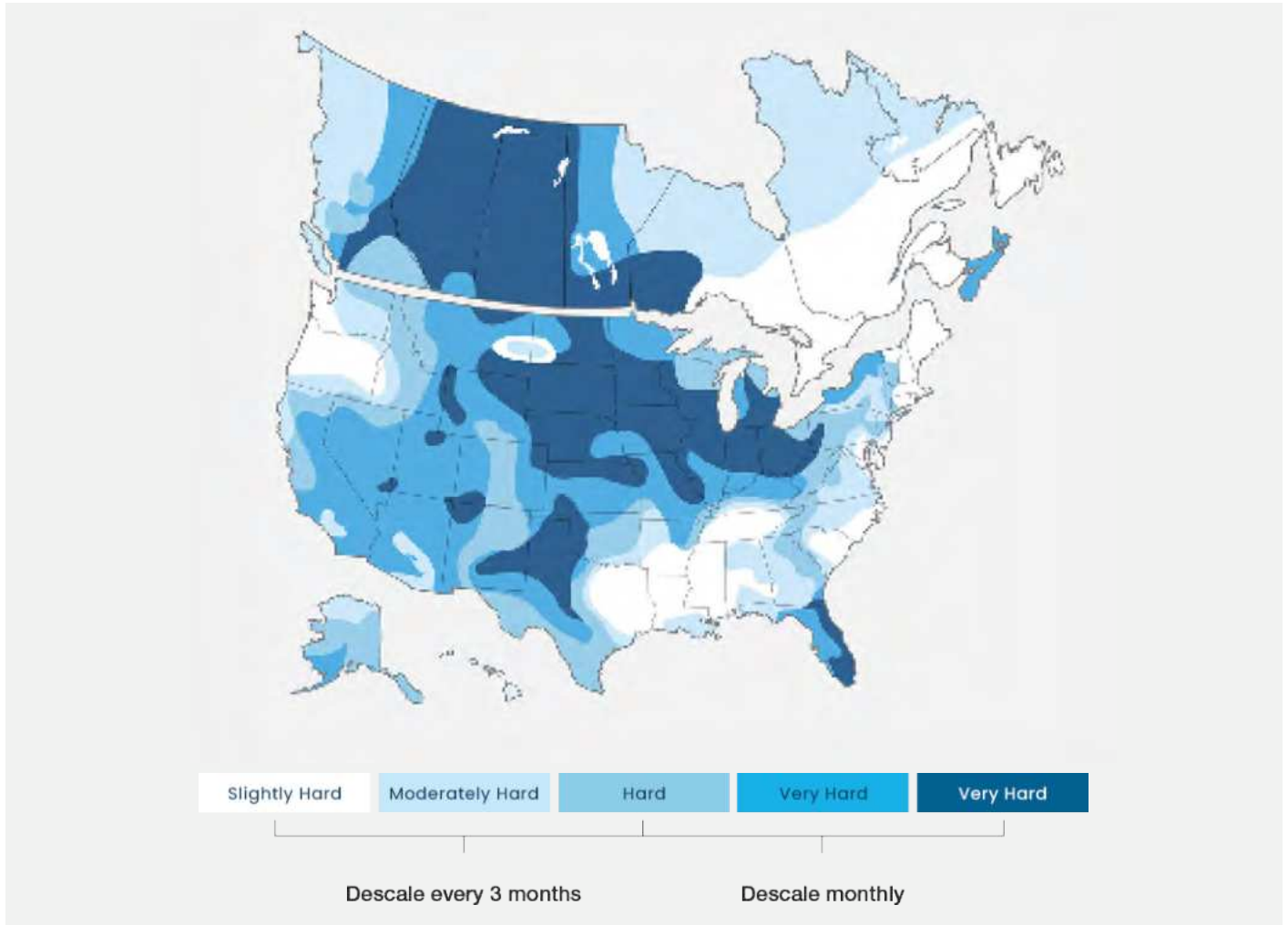
Air vents

Air vents are situated atop the insert to enable airflow when the device is placed within an enclosure. Should there be a preference for a decorative top or media obstructing these vents, the enclosure design needs to facilitate adequate airflow through the sides or bottom.



Maintenance and Cleaning Guidelines

Hard Water Guidelines



For best results, descale your fireplace every three months or more frequently if you live in an area with hard water.

3.5 to 8.5 Grains Per Gallon, Ideal is 7.0 (moderately hard)

- Hard may produce scaling, shorten transducer life, and require more frequent cleaning.
- If water hardness needs to be adjusted, consult local water conditioning professional.
- Water that is too soft will have reduced flame effect.

Reverse Osmosis is not recommended, it removes all minerals and vapor flame effect will be greatly diminished.

For complete descaling instruction visit [https:// imaxfire.com/](https://imaxfire.com/)



Contact Us

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