



**BREED**



**ZENTRO FIRE PIT INSERT  
USER GUIDE**

## INSTALL IN 3 EASY STEPS:

1. Ensure that you have the correct size block fire surround for your new Zentro Fire Pit insert (see table to right).

2. Ensure that the depth of your block fire surround is at least 15 inches; this will provide 3 inches of air space underneath the fire pit insert for air flow. **Ensure that nothing is touching the bottom or the sides of your Zentro Fire Pit Insert as this will affect airflow and interfere with the smoke reduction technology.** Remove any debris or ashes from the inside of the block fire surround if necessary.

3. Using 2-3 people, set the fire pit into the block fire surround. The Zentro Fire Pit Insert has 1/8" spacer brackets welded to the underside of the top flange. Your Zentro Fire Pit Insert is positioned correctly when these spacer brackets are resting on the top layer of the block fire surround.

### ZENTRO SIZE:

### BLOCK SURROUND NEEDED:

ZENTRO 24"

27" - 33" INSIDE DIAMETER

ZENTRO 28"

31" - 37" INSIDE DIAMETER

ZENTRO 32"

35" - 41" INSIDE DIAMETER

## FOR YOUR SAFETY:

The Zentro Fire Pit Insert is designed for outdoor use only. **Never burn your Zentro Fire Pit Insert in a building, garage, or any enclosed area.**

Always use your Zentro Fire Pit Insert on a level, non-combustible surface such as concrete, rock or stone. **Do not use on wooden or composite decks.**

**Do not attempt to move or store your Zentro Fire Pit Insert until all ashes and coals are completely extinguished and all surfaces have cooled completely.** Never touch ashes or coals to see if they are hot.

**All surfaces of the Zentro Fire Pit Insert will become extremely hot when in use.** To avoid burns, do not touch any part of the Double Flame Fire Pit until it has completely cooled unless you are using protective gear (potholders, gloves, BBQ mittens, hot pads, etc.).

When using your Zentro Fire Pit Insert, exercise the same precautions you would with any open fire. **Never leave your Zentro Fire Pit Insert unattended, especially around children and pets.**

## CARING FOR YOUR ZENTRO FIRE PIT INSERT (STEEL UNITS ONLY):

Be sure to burn a hot fire in your fire pit within 24-48 hours of having your fire pit outside. This will help to cure the paint on the top and outside of the fire pit.

This product can reach potential temperatures of 1,900+ degrees Fahrenheit. At this point, there is no paint that can withstand both direct flame contact and outdoor use. We paint our fire pits with a High-Temp outdoor grill paint that has a heating rating up to 1,400 degrees Fahrenheit. However, with use and time, the fire pit will begin to develop surface rust in some areas. For this reason, we build our fire pits very heavy duty so they will last for years and years, despite the rust. You can maintain the painted black look of your fire pit by sanding down any spots you would like to paint and then using a can of black high-temperature paint to touch-up the spots.

## CARING FOR YOUR ZENTRO FIRE PIT INSERT (STAINLESS STEEL UNITS ONLY):

The Zentro Stainless Steel units are built out of a high quality 304 stainless steel, which should never rust, allowing you leave your fire pit out in the elements all year long! This material will naturally develop a beautiful patina finish over time and requires no maintenance.

## STARTING A FIRE IN YOUR ZENTRO FIRE PIT INSERT:

1

GATHER STARTER MATERIAL (CARDBOARD OR PAPER), SMALL PIECES OF KINDLING, & DRY, SPLIT HARDWOOD.

2

LAY STARTER MATERIAL ON BOTTOM OF FIRE PIT, SURROUND WITH KINDLING, THEN LIGHT STARTING MATERIAL

3

CONTINUE TO ADD KINDLING TO BEGINNING FLAME, THEN SLOWLY ADD WOOD, ONE LOG AT A TIME.

4

AS FIRE BURNS, CONTINUE ADDING LOGS ONE AT A TIME. FOR BEST RESULTS, LOGS SHOULD BE APPROXIMATELY 3-4 INCHES IN DIAMETER.

5

KEEP FIRE SPREAD EVENLY THROUGHOUT THE FIRE PIT AS IT BURNS. HAVING HOT COALS AND FIRE DIRECTLY AGAINST THE WALLS OF THE FIRE PIT INCREASES SMOKE REDUCTION.

## PROPER BURN TECHNIQUES:

The Zentro Fire Pit Insert utilizes a double-wall, secondary combustion design to reduce smoke during use. When the fire is burning, the walls of the fire pit heat up and hot air rises through the gap between the two walls. The air exits the wall cavity through the line of holes around the inside rim. This pressurized, heated oxygen mixes with the smoke and causes it to reburn. Use the following tips to maximize the smoke reduction of your Zentro Fire Pit Insert.

**Only burn dry, well-seasoned hardwood** in your Zentro Fire Pit Insert, as it will burn hotter and more completely, which aids in greater smoke reduction. Wet wood will take longer to begin burning, and will produce more smoke.

Burn hardwoods such as birch, maple, oak, hickory, etc. as they burn longer, hotter, and produce less smoke than softwoods. **Avoid burning pine or cedar wood in your Zentro Fire Pit Insert.**

**Do not use a grate to keep the logs off the bottom of your Zentro Fire Pit Insert.** One of the keys to acquiring maximum smoke reduction is to allow both the bottom and side walls of the fire pit to heat up, which will then force the oxygen up through the double walls and out the holes in the top, causing the secondary combustion. If you keep your logs raised up off the bottom of your fire pit on a grate, the bottom of your smokeless fire pit will not attain the heat needed for smoke reduction.

**Be sure to have hot coals and fire burning against the inside wall of the fire pit.** This will provide more heat in the double-walled air chamber, which in turn will provide a more aggressive air current up through the air chamber, forcing the secondary combustion that is vital to a smokeless fire.

**Keep your fire burning as hot as possible.** A larger fire means more heat, and more heat will cause more secondary combustion, which in turn produces less smoke.

**Please note that adding logs to your fire causes the fire to burn cooler,** so allow approx. 10-20 minutes at the start of the fire for the smoke to dissipate, and add logs one at a time throughout burn time to avoid an increase of smoke.

To extinguish the fire, simply allow the flames to go out on their own, if possible. However, if immediate extinguishing is needed, use a minimal amount of water to douse the flames. Excess water sitting on the bottom of the fire pit is very hard on the fire pit and can cause rusting, so use just enough water to put out the fire, letting the water vaporize, to keep your fire pit in the best condition possible.

Because of the X Airflow™ technology incorporated in your Zentro Fire Pit Insert, **expect to clean out your Zentro Fire Pit Insert only after 3-6 burns or once the ash has reached the holes in the X Airflow™ base.** Wait until your Zentro Fire Pit Insert has cooled completely, then use a Breeo Ash Removal Tool or small hearth shovel to scoop out the ashes and dispose of in a safe area.



# LIMITED LIFETIME WARRANTY

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[WWW.BREEO.CO](http://WWW.BREEO.CO) | [INFO@BREEOLLC.COM](mailto:INFO@BREEOLLC.COM) | 800.413.9848