

DEKKO CONCRETE

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FIRE PIT INSTALL GUIDE



Setting up your fire pit.



Learn more about our fire pit accessories.



CONTENTS



CONGRATULATIONS!

You are only moments away from enjoying your new Dekko fire feature!

To begin the installation process, please follow the un-packaging and handling instructions below:

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SECTION 1: USER INFORMATION



ATTENTION: FOR OUTDOOR USE ONLY



Connections for natural gas, propane and electronic ignition fire pits must:

- Be performed by **a licensed gas technician**
- Be performed by **a licensed electrician** (for E.I. fire features only)
- Comply with your local **building code**

PLEASE BE ADVISED:

Improper installation, alterations, or maintenance may cause injury or property damage and could void your manufacture's warranty.

SAFE USE OF YOUR REMOTE CONTROL START

Please be advised of the importance of handling the remote control start of your electronic ignition fire feature with care. While the remote-control start is a convenient and safe function when properly used, it is important to store the remote in a secure location where it cannot be mistreated or unintentionally ignite the fire pit burner.

SAFE USE OF FIRE PIT ENCLOSURES

To fully deactivate your match-lit unit disable gas by inserting the chrome key into the key valve and turning clockwise as indicated. Turn fuel source off at your LP tank / NG shut off valve.

To fully deactivate your electronic ignition unit, disable unit by pressing off on remote provided or using the wall timer. Disable electrical through a breaker, wall timer, etc.

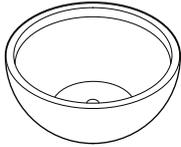
PLEASE BE ADVISED:

Please be advised the key valve is for activating match-lit unit only.

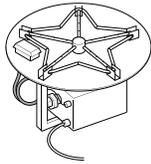
SECTION 2: UNPACKING & HANDLING

2.1: ITEMS INCLUDED

Items Included in Your Delivery



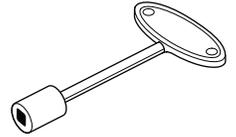
Your Dekko Fire Feature



Corresponding Burner



Burner Manufacturer's
Instruction Manual



Key Valve & Chrome Key
(N/A for Electronic
Ignition Units)



Black Lava Rock



Choice of Ivory or Slate
Decorative Beach Stone

Additional Accessories

- Regulator / LP Connection Hose
- Glass Wind Cover
- Propane Tank Cover
- Weather Cover
- Table Top Lid

Also available: wall timers, emergency stop buttons, and remote-control starters (for Electronic Ignition models only)

Discover our fire pit accessories



Don't have accessories for your DEKKO fire feature?
Contact our team to get your today:

Phone Number: 855.422.0077

2.2: UNBOXING YOUR FIRE FEATURE

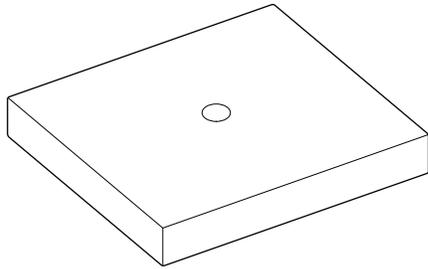
Carefully remove your fire pit from its protective shipping box. Most damages occur during the unboxing process – thus, it is important to handle concrete products with care. Before beginning the installation process:

- Thoroughly inspect your fire pit for any damages
- Select a location for your fire feature to be installed

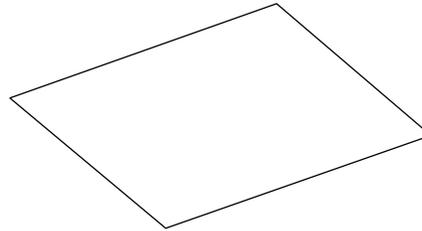
SECTION 3: INSTALLING YOUR FIRE FEATURE ON A COMBUSTIBLE SURFACE

WITH THE USE OF AN INSULATION KIT, Dekko fire features can be installed on combustible surfaces such as wooden patios or decks.

3.1: ITEMS INCLUDED IN YOUR INSULATION KIT



Pad of Concrete
(linear square models only)



Sheet of Basalt Material
(included with all models)

3.2: INSTALLING THE INSULATION KIT

FOR INSTRUCTIONS on how to install your insulation kit, please view the instruction manual provided by your burner manufacturer.

SECTION 4: NATURAL GAS & PROPANE CONNECTIONS

OUR FIRE FEATURES will arrive to you pre-assembled with the burner and key valve intact. Please refer to the burner manufacturer's instruction manual included in your delivery for instructions regarding installation, clearances and operation.

Each of our fire pits have air-flow openings to comply with ventilation requirements – it is important to keep these ventilation areas **open** and **uncovered**. Ventilation openings may be used to accommodate running a gas line.

Note regarding ELEMENT and SERENADE fire features: if the gas line needs to be placed in a different location, a hole can be drilled in the fire pit using a 1" paddle bit. After removing the burner, drill the hole from the **inside** of the fire pit.

SECTION 5: COMPLETING THE INSTALLATION

After the gas connections are complete in accordance with the burner manufacturer's instruction manual, insert burner tray into position on your fire pit. Do not cover your burner's orifices/holes when arranging Lava Rock or Decorative Stone on your fire feature:

- **Lava Rock** – use the provided lava rock and place directly on top of the burner's surface; the lava rock aggregate must be placed on the burner before the decorative stone.
- **Select Decorative Stone** – after the lava rock is in place, distribute beach stone or crushed glass over the entire surface area covering all lava rock.

Please note: Heat-treated aggregate can be purchased through DEKKO – do not use untreated aggregate. In addition, please note that lava rock and beach stone are both 100% natural products and occasional cracking and/or popping may occur when heated.

Setting up your fire pit.



ATTENTION: IMPORTANT INFORMATION REGARDING FIRE PIT STONE SAFETY



- It is highly recommended to inspect and discard all stones with hairline cracks before placing them around the gas burner
- Lava rock and beach stone are both 100% natural products and occasional cracking and/or popping may occur when heated
- When using your fire pit for the first time, it is required to burn the fire pit for at least 1-2 hours consecutively while keeping a safe distance in the rare event that breakage or popping occurs
- Using a protective weather cover or tabletop may also help to avoid breakage as moisture can cause stones to pop or crack when wet.

SECTION 6: SAFE OPERATIONS OF YOUR FIRE FEATURE

6.1: SAFE OPERATIONS OF YOUR FIRE FEATURE

- Always ensure that the fire feature is only operated under the supervision of an adult who is informed of the emergency shut-off process
- Young children and animals should be carefully supervised when near the fire feature
- Do not use the fire feature as a seating area, as winds and inclement weather could cause the flame to behave in an unpredictable manner
- When the fire feature is not in operation, turn off the chrome key gas valve and store the chrome key in a secure location.
- Keep combustible and flammable materials clear from your fire feature
- Do not use the fire feature for cooking

6.2 : MATCH-LIT BURNER START UP PROCEDURE

- To activate your fire feature, insert the chrome key into the key valve and slowly turn it counter-clockwise as indicated
- With one hand on the chrome key, use your other hand to place a long-handled lighter or lit match over the center of the fire feature; after ignition, remove the lighter or match.
- Note: if the burner does not ignite after the first attempt, turn the chrome key valve **off**, allowing gas to clear. Then repeat the start-up procedure again.
- Remove the chrome key after use and store in a secure location.

6.3 : MATCH-LIT BURNER SHUT OFF PROCEDURE

- Turn off the gas valve of your fire feature by re-inserting the chrome key and turning it clockwise
- Once the burner has completely cooled, use appropriate cover to protect your fire feature from rain contact and other elements
- Remove the chrome key after use and store in a secure location

6.4 : EMERGENCY SHUT-OFF PROCEDURE

- During an emergency, stop the flow of gas to the burner **immediately**
- Extinguish any open flame and leave the area immediately
- If the gas odour persists, please call your gas supplier or fire department after vacating the area

6.5: SAFE OPERATIONS OF YOUR FIRE FEATURE

- Before using your fire feature, ensure that your gas technician has tested all gas connections for any possible leaks
- Do not use the fire feature if you suspect a gas leak
- In the event that you smell gas, shut off the gas to the appliance immediately and extinguish any open flame
- If the odour persists, leave the area immediately and call your gas supplier or fire department.

6.6 : WATER CONTACT

- Note: Dekko supplies weather covers that can prevent your fire feature from coming into contact with rain – call our team to purchase yours (855-422-0077)
- Do not use your fire feature if it has become submerged in water; call a qualified technician **immediately** to inspect the appliance and replace any parts as required
- Always ensure all lava rock / decorative stone is thoroughly dry before igniting your fire pit.

SECTION 7: MAINTENANCE & CARE

7.1: PROMOTING THE LONGEVITY OF YOUR FIRE PIT

- Always ensure that your fire pit is draining water properly and drainage/ventilation openings are not obstructed by debris
- Cover your fire pit when it is not in use for extended periods of time

7.2 : REMOVING STAINS

- Concrete can be cleaned with a mild soap and water solution – never use abrasives or strong chemicals as they may stain the surface. A spill should be cleaned immediately by carefully blotting the spill with a paper towel or clean white towel. Do not ‘wipe’ a spill as it may force the potential stain deeper into the surface. If the stain persists, please contact our team for further instructions (855-422-0077).

7.3 : SEALANT

- Sealing your fire pit for additional protection is optional, but not required. If desired, you can seal the surface of your outdoor fire pit with a water-based outdoor sealer.
- Please note: using a sealant may void your warranty; **improper** sealants can cause yellowing and flaking of your fire pit.

7.4 : HAIRLINE CRACKS & FISSURES

- Hairline cracks may occur in your concrete product – this should not alarm you as it is a natural characteristic of concrete. All of our products are fibre-reinforced which prevents cracks from growing.

7.5 : ANNUAL SERVICING

OUR TEAM AT DEKKO recommends arranging an annual inspection of your fire feature to promote the longevity and safe usage of your product.

- Ensure the gas is shut off and the fire feature is completely cooled before servicing or cleaning
- If flames exhibit abnormal shapes or behaviour, or if the fire feature fails to ignite, your burner may require cleaning and/or servicing. The appliance can be cleaned by carefully removing debris and remnants from the burner with a soft-bristled brush.
- If you notice evidence of damage to the burner, you must contact the burner manufacturer
- For optimal performance, arrange a yearly inspection of your fire feature by a qualified service technician.

SECTION 8: WARRANTY INFORMATION

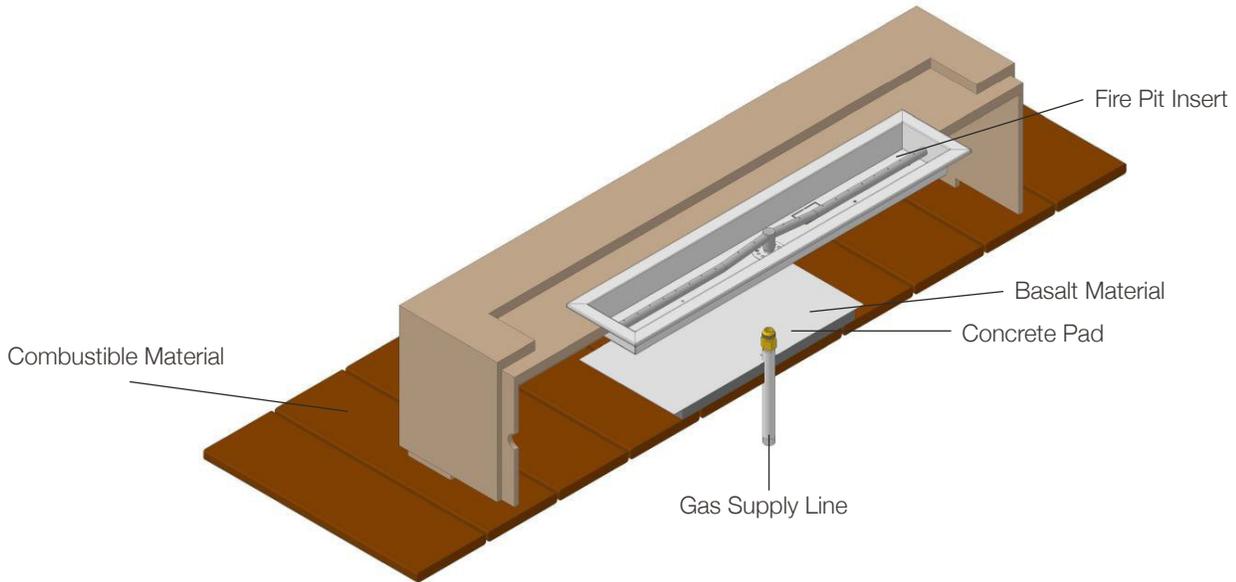
Component	Residential Application	Commercial Application
Concrete Vessel	5 years	5 years
Stainless Steel Burners	Lifetime	Lifetime
Electronic Components and Gas Valves	3 years	1 year
Pilot Assembly	2 years	1 year
Stainless Steel Components	5 years	1 year
Flex Lines	5 years	1 year
Accessories	1 year	1 year

SECTION 9: TROUBLESHOOTING

Unstable Legs	<ul style="list-style-type: none">• The legs of our fire pits are installed directly into the mould to yield a reliably level surface each time.• If you are experiencing a wobbly leg, please ensure that the installation area is also level.
Discolored Beach Stones	<ul style="list-style-type: none">• Deposits of magnesium and iron can be present on our beach stones, notably on our light ivory stones.• This is a natural reaction to heat and is not considered a defect.
Gas Odour	<ul style="list-style-type: none">• If you smell gas exuding from your fire pit, please shut off the gas to the appliance immediately.• If the odour continues, please call your gas supplier.
Water Contact	<ul style="list-style-type: none">• Do not use the appliance if any part of it has been submerged in water• Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control that has been under water.
Black Soot	<ul style="list-style-type: none">• Sooting is an inherent bi-product of natural gas and propane.• To limit the amount of sooting, avoid placing the rocks/stones directly above the flame to avoid excessive impingement• Alternatively, soot can be removed by gently washing the stones in a mild soap and water mixture.
Low Burning Flame	<ul style="list-style-type: none">• A reduction in your fire pit flame level may happen for various reasons depending on the variety of your fire it.• For natural gas fire pits, lower flame levels may be the result of improper gas pressure or an undersized gas supply line.• For propane units, lower flame levels may be the result of improper lighting procedures. To address low flame levels, please be sure that the chrome key is in the “off” position before the tank is turned on. Turn the tank on slowly, allowing the pressure within to equalize before turning the fire pit on completely.• If the aforementioned procedures fail, please check the gas level of your liquid propane tank, or remove any excess stones to ensure that the burn holes of your fire pit are not covered.

DECK INSULATION KIT INSTRUCTIONS (FPI-DECK20SQ, FPI-DECK39SQ)

WARNING: FOR OUTDOOR USE ONLY



WARNINGS

- Always ensure no gaps to prevent any leakage onto decking surface.
- Do not recess fire pit below the deck surface.
- Do not block any enclosure ventilation holes.
- Concrete pad must be a minimum of 1" thick (height). Alternative thicknesses must be approved by HPC.
- Always wear gloves and protective eyewear.

ITEMS INCLUDED IN KIT:

- 1) Basalt Material & Instructions
- 2) Dekko concrete pad

TOOLS NEEDED:

- 1) Scissors or Cutting Knife
- 2) Measuring Tape
- 3) Marker

FIRE PIT ENCLOSURE CONSTRUCTION

- 1) Refer to “Deck Insulation Kit – Install” for enclosure venting requirements.
- 2) Install concrete pad over supply line. See Fig.1.

FOR FIRE PIT BOWLS

- 1) Find the inside dimension of the fire pit and add 1” to each dimension and draw on the basalt material. See Fig. 1.
- 2) Measure the location of the supply line in relation to the inside perimeter of the fire pit.
- 3) Transfer this supply line measurement to the Basalt material by drawing an “X.” See Fig. 2. The “X” should be no larger than the diameter of the supply line for a tight fit.
- 4) Using scissors or cutting tool, cut along the lines from Step 3 and 5. Discard scrap pieces.
- 5) With the Aluminum side UP, insert the Basalt material over the supply line. Push the Basalt material all the way down until it rests on top of the concrete pad. See Fig. 3.

Note: Check to ensure there are no gaps around the supply line.

Fire Bowl Installation: Please refer to “Dekko Deck Insulation Kit – Install” drawing on the last 2 pages.

GENERAL INFORMATION

- For additional information on installing fire bowls and construction for combustible deck systems, see “Dekko Deck Insulation Kit – Install” drawing 1 of 2.
- For concrete fire bowls, refer to “Dekko Deck Insulation Kit – Install” drawing 2 of 2.
- Always ensure the decking material will allow for the additional weight of the fire pit.

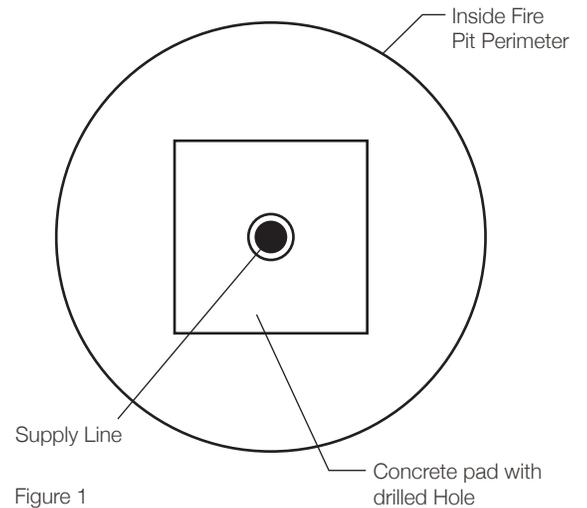


Figure 1

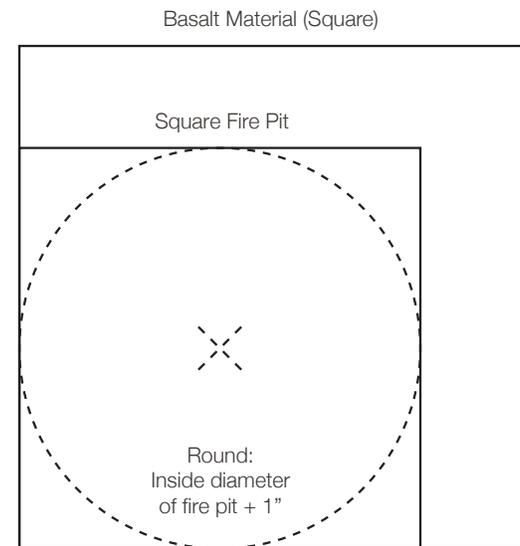


Figure 2

Basalt-Aluminum Side UP



Figure 3

Unenclosed Concrete Vessel

For Outdoor Use Only

REVISIONS		DATE	APPROVED
ZONE	REV	DESCRIPTION	
<p>Figure 1: Fire Pit Enclosure Construction- Deck Install</p>			
<p>WARNING: DO NOT RECESS FIRE PIT BELOW DECK SURFACE.</p>			
<p>Part Numbers: FPI-DECK20SQ FPI-DECK39SQ</p>	<p>DRAWN</p>	<p>DATE</p>	<p>Deko Deck Insulation Kit - Install</p>
<p>Installation to be completed according to the manufacturer's instructions and specifications.</p>	<p>CHECKED</p>		
<p>All items may or may not apply to your project</p>	<p>QA</p>		
<p>Read and follow all instructions and local codes</p>	<p>MFG</p>		
	<p>APPROVED</p>		
	<p>SIZE</p>	<p>FSCM NO.</p>	<p>DWG NO.</p>
	<p>A</p>		<p>1 of 2</p>
	<p>SCALE</p>		<p>SHEET</p>
			<p>REV</p>
			<p>0</p>

