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› [PHI VILLA](#) /

› [PHI VILLA 30" Outdoor Wood Burning Fire Pit with Cooking Grate Instruction Manual](#)

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PHI VILLA 30" Outdoor Wood Burning Fire Pit with Cooking Grate Instruction Manual

Model: 30" Outdoor Wood Burning Firepit with Cooking Grate

1. INTRODUCTION

Thank you for choosing the PHI VILLA 30" Outdoor Wood Burning Fire Pit with Cooking Grate. This manual provides essential information for the safe assembly, operation, and maintenance of your new fire pit. Please read all instructions carefully before use and retain this manual for future reference.

2. IMPORTANT SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in fire, injury, or property damage.

- For outdoor use only. Do not use indoors or in an enclosed area.
- Keep children and pets away from the fire pit.
- Do not use on wooden decks or other combustible surfaces without a fireproof pad underneath.
- Always use the spark screen to contain embers and sparks.
- Allow the fire pit to cool for at least 60 minutes after use before handling or covering.
- Use a poker to manage logs and remove the spark screen.
- Only burn seasoned wood. Do not burn trash, leaves, or other combustible materials.
- Keep a fire extinguisher or water source nearby.
- Do not use flammable liquids to start or rekindle a fire.
- Ensure the fire pit is on a stable, level surface.

Ingredient/Safety Note: Allow fire pit to cool for 60 minutes after use. Do not place on deck without fireproof pad. Use spark screen for added safety.

3. PRODUCT COMPONENTS

Before assembly, ensure all parts are present and undamaged. Refer to the diagram below for component identification.



Figure 3.1: Main components of the PHI VILLA Fire Pit. Includes the deep steel fire bowl, grilling net, mesh spark lid, and poker.

- Deep Steel Fire Bowl with Star & Moon Cutouts
- Adjustable Swivel BBQ Grill Pan (Cooking Grate)
- Spark Screen (Mesh Lid)
- Poker
- Steel Net (Wood Support)
- Legs/Base Assembly
- Hardware (Bolts, Washers, Nuts)

4. ASSEMBLY INSTRUCTIONS

Assembly is straightforward and typically requires minimal tools. Follow these steps:

1. **Unpack Components:** Carefully remove all parts from the packaging. Place them on a soft, clean surface to prevent scratches.
2. **Attach Legs to Fire Bowl:** Securely attach the legs to the bottom of the deep steel fire bowl using the

provided hardware. Ensure all bolts are tightened.

3. **Install Wood Support Net:** Place the steel net at the bottom of the fire bowl to support the wood and allow for proper airflow.
4. **Assemble Adjustable Cooking Grate (if applicable):**
 - Attach the vertical support pole to the side of the fire pit.
 - Slide the adjustable swivel BBQ grill pan onto the vertical support.
 - Ensure the grate can swivel 360 degrees and adjust up and down freely.



Figure 4.1: Assembly of the adjustable cooking grate, demonstrating its swivel and height adjustment capabilities.

5. **Place Spark Screen:** Once the fire pit is assembled, the spark screen can be placed on top of the fire bowl.

For visual guidance, please refer to the following video demonstrating the assembly and features:

Your browser does not support the video tag.

Video 4.2: Official PHI VILLA video showcasing the smokeless fire pit, including assembly and features. This video demonstrates the product's design and functionality.

5. OPERATING INSTRUCTIONS

5.1 Starting a Fire

1. Ensure the fire pit is placed on a safe, non-combustible surface, away from structures and overhanging branches.
2. Place kindling (paper, small twigs) on the steel net at the bottom of the fire bowl.
3. Arrange small pieces of seasoned wood on top of the kindling.
4. Light the kindling. Once a small fire is established, gradually add larger pieces of wood.
5. Always use the spark screen once the fire is burning to prevent embers from escaping.

5.2 Using the Cooking Grate

- Position the cooking grate over the fire. Adjust the height as needed for optimal cooking temperature.
- The 360-degree swivel feature allows easy access to food without reaching directly over the flames.
- Ensure the grate is clean before and after each use.



Figure 5.1: The star and moon cutouts are designed to enhance airflow, promoting better combustion and a more efficient burn.

5.3 Extinguishing the Fire

- Allow the fire to burn down naturally.
- If necessary, use water to thoroughly douse the embers. Stir the ashes to ensure all hot spots are

extinguished.

- Do not leave the fire unattended until it is completely out.

6. MAINTENANCE AND CARE

- **Cleaning:** After the fire pit has completely cooled, remove ashes and debris. The deep bowl design and steel net facilitate easy cleaning.
- **Rust Prevention:** The fire pit is constructed from stable steel with heat-resistant painting. To prolong its life, store it in a dry place or use a weather-resistant cover when not in use.
- **Inspection:** Regularly inspect all components for signs of wear or damage. Replace any damaged parts immediately.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Difficulty starting fire	Wood is wet or too large; insufficient kindling or airflow.	Use dry, seasoned wood. Ensure adequate kindling and proper arrangement for airflow. Check if the steel net is in place.
Excessive smoke	Wet wood; too much fuel; insufficient airflow.	Use dry wood. Reduce the amount of fuel. Ensure the star and moon cutouts are clear for airflow.
Sparks escaping	Spark screen not in place or damaged.	Always use the spark screen. If damaged, replace it immediately.
Grill grate not moving smoothly	Debris or rust on the swivel mechanism.	Clean the swivel mechanism. Apply a high-temperature lubricant if necessary.

8. SPECIFICATIONS

- **Product Dimensions:** 30"D x 30"W x 17"H
- **Fire Bowl Size:** 23.4" x 10.6" (Diameter x Depth)
- **Item Weight:** 27 pounds
- **Material:** Steel
- **Fuel Type:** Wood
- **Color:** Black (with polished gold paint surface accents)
- **Features:** 360-degree adjustable swivel BBQ grill pan, Star & Moon cutouts for airflow, Spark screen, Poker, Steel net for wood support.



Figure 8.1: Detailed dimensions of the PHI VILLA Fire Pit and its components.

9. WARRANTY AND SUPPORT

For warranty information or customer support, please contact PHI VILLA directly through their official website or the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

PHI VILLA is committed to providing high-quality leisure garden furniture. For more information about PHI VILLA products, visit their store: [PHI VILLA Store](#).