

# **BOTINKIT OMNI**

## **Site Requirement**

### **(North America)**



## Site Preparation Instructions

Dear customer:

Thank you for choosing BOTINKIT’s cooking robot!

A proper site environment is required for the continued operation of the equipment. Please carefully read the “**Equipment Specifications**”, and “**User Preparation**” sections in the following table to prepare your site accordingly.

After completing the preparations, please **sign each section with your initials** and notify BOTINKIT by email. BOTINKIT will arrange on-site installation services.

BOTINKIT Support Center:

Email: [ServiceNA@botinkit.com](mailto:ServiceNA@botinkit.com)

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## Site Preparation Customer Check List

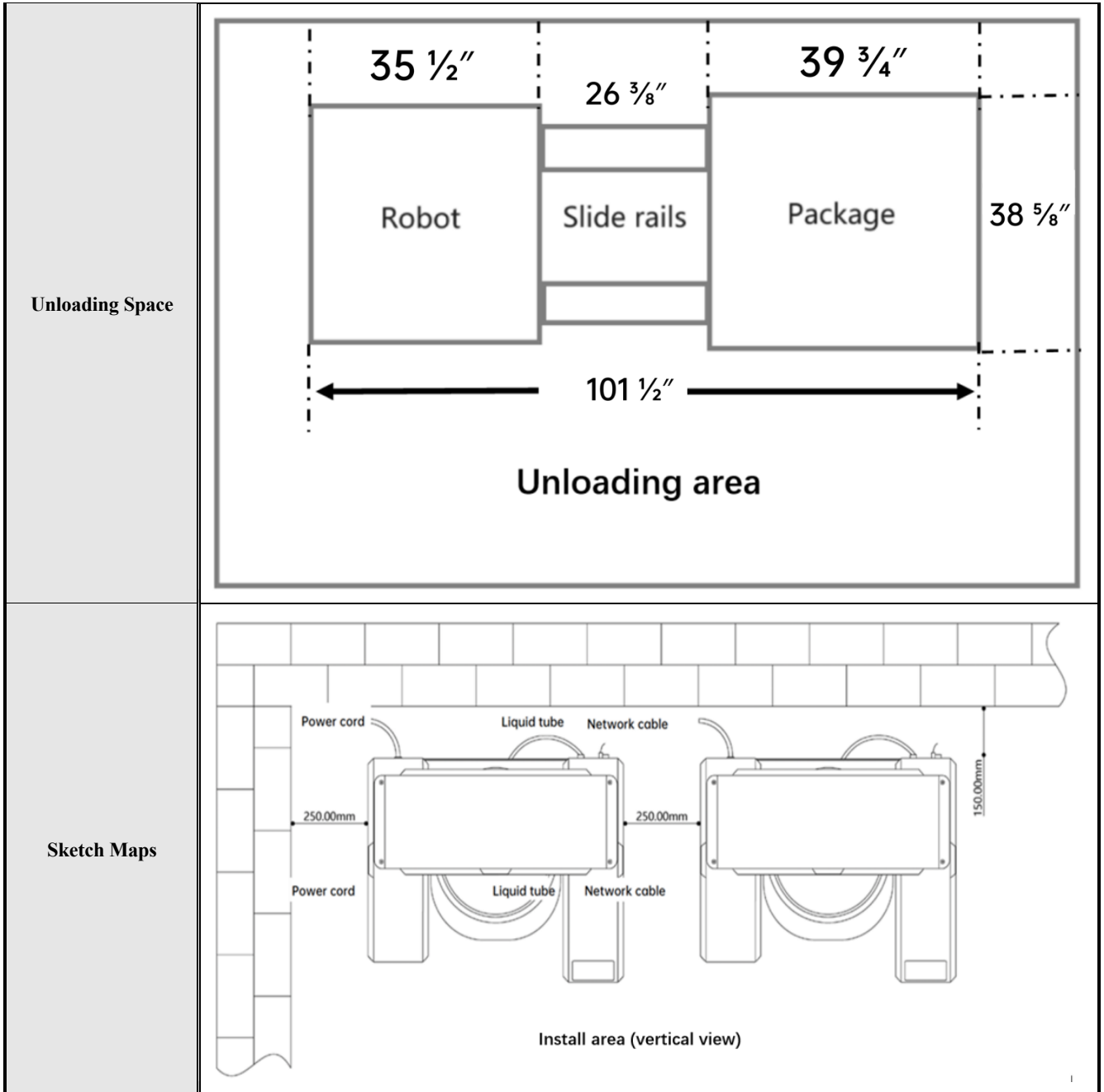
Equipment Specifications						
Equipment model	BOTINKIT OMNI					
Equipment specifications (Width x Depth x Height)	1. With Packaging: Main packaging cabinet: 39" x 40" x 84"; Cooking pot: 19" x 19" x 20". 2. Without Packaging: <b>Main Equipment (OMNI Cooking Robot): 33" x 37" x 70"</b> .					
Main Equipment	Equipment name and quantity			Equipment name and quantity		
	Robot x 1			Cooking Pot x1		
Gross weight	Total weight of equipment and packaging: 1. Main Unit: 685lbs (Main Equipment OMNI 397lbs; + Packing Box 276lbs + Accessories 12lbs) 2. Pot: 29lbs (Pot 24lbs + Packing Box 5lbs)					
User Preparation						
Recommended specifications for AC power supply	Local Voltage	Recommended Electrical Box Configuration	MAX Electrical Power	Recommended Reserve Current	Recommended Leakage Protection	Recommended Wire Specifications (copper)
	220V	3 Phase 4 Wires	10kW	34A	≥40A	3 live wires, 6mm <sup>2</sup> 1 ground wire, 2.5mm <sup>2</sup>
			12kW	40A	≥50A	3 live wires, 8mm <sup>2</sup> 1 ground wire, 2.5mm <sup>2</sup>
	Note: 4mm <sup>2</sup> = 12AWG; 6mm <sup>2</sup> = 10AWG; 10mm <sup>2</sup> = 8AWG; 16mm <sup>2</sup> =6AWG - The above is for reference only. Please refer to the actual situation accordingly. - The power can be adjusted by software. It is recommended that the power be not less than 8kW.					
Initial:						
Water Intake	1. The recommended water pressure range for robot water pressure is: <b>30 to 50 PSI</b> . 2. Individual half-inch inlet valve fittings for each equipment. 3. Confirmation that the water inlet valve is within 1 m of the machine.					
Initial:						
Recommended Exhaust Hood	1. It is recommended that hood exhaust power for one machine should not be less than <b>1000 CFM</b> (Minimum: 500 CFM). 2. It is recommended that the top of the equipment and the exhaust hood distance should be within 8"-12", with a depth should not less than 51".					
Initial:						
Drainage	1. Depending on the model, the height of the drainpipe on the lower side of the base should not exceed 4", and the height of the drainpipe on the middle side of the base should not exceed 15". 2. Requires a downpipe diameter of more than 2" 3. Confirmation that drains are within 20" of machines.					
Initial:						
Reserve Space	1. It is recommended that reserve space 6" behind, 10" left & right, and 20" in front of the equipment.					
Initial:						
Other things to note	1. The kitchen has enough power reserved for installing equipment. 2. The power cable needs to be led to the rear side of the equipment for connecting with a power breaker. 3. It is recommended that the Residual Current Breaker with Overcurrent (RCBO) is installed on the upper right side of the equipment, less than 60" away from the equipment. 4. A sufficiently <b>strong wireless WIFI</b> for machine connection. 5. Please make sure that there are no other factors may affect the equipment function around installation area, for example equipment generates a lot of steam (steam can cause solidification and clot the outlet). 6. Please make sure there is no open fire within 60" around. 7. Please make sure there is no corrosive substance within 60" around.					
Initial:						

User Signature:

Date:

## Appendix I: Site Requirement Illustrations

User Preparation						
AC Power Supply	Local Voltage	Recommended Electrical Box Configuration	MAX Electrical Power	Recommended Reserve Current	Recommended Leakage Protection	Recommended Wire Specifications (copper)
	220V	3 Phase 4 Wires	10kW	34A	≥40A	3 live wires, 6mm <sup>2</sup> 1 ground wire, 2.5mm <sup>2</sup>
			12kW	40A	≥50A	3 live wires, 8mm <sup>2</sup> 1 ground wire, 2.5mm <sup>2</sup>
	Note: 4mm <sup>2</sup> = 12AWG; 6mm <sup>2</sup> = 10AWG; 10mm <sup>2</sup> = 8AWG; 16mm <sup>2</sup> =6AWG					
<p><b>The equipment does NOT come with a cable and plug. The user is required to prepare their own. NEMA 15-50P is recommended as shown above.</b></p>						
Incorrect Example		Correct Examples				
						
Water Intake	<ol style="list-style-type: none"> <li>1. The recommended water pressure range for robot water pressure is: 30 to 50 PSI.</li> <li>2. <span style="color: red;">Individual half-inch inlet valve fittings for each equipment.</span></li> <li>3. Confirmation that the water inlet valve is within 1 m of the machine.</li> </ol> <p><b>The water pipe needs DN15 male head.</b> The pipe should be branched into two DN15 male heads as showed if 2 machines need to be installment.</p>					
	Incorrect Example	Correct Examples				
						



## Appendix II: Frequently Asked Questions (FAQs)

**Q: Can the shipping crate be disassembled by the customer?**

**A:** Yes. The shipping crate is designed for on-site disassembly. A disassembly instruction video is available upon request. Please contact Botinkit Support to obtain the necessary guidance prior to handling.

**Q: What actions are required after receiving the machine?**

**A:** Schedule an on-site installation appointment with your Botinkit sales representative. A certified Botinkit technician and your licensed electrician will be required to complete the setup.

**Q: What is the recommended water pressure, and what happens if the pressure is outside this range?**

**A:** The recommended water pressure is between 200–350 kPa (approximately 30–50 psi).

- Pressures below this range may lead to insufficient cleaning performance and reduced rinse gun effectiveness.
- Pressures above this range may result in internal damage and reduced equipment lifespan

If your site's water pressure falls outside the recommended range, the installation of a booster pump or pressure regulator is strongly advised to ensure safe and optimal operation.

**Q: The site does not have a compatible angle valve for the water connection supply and install a compatible valve or a certified adapter to ensure a secure and compliant water connection. What should be done?**

**A:** If the installed angle valve does not match the machine's ½-inch NPT inlet, the customer must supply and install a compatible valve or a certified adapter to ensure a secure and compliant water connection.

**Q: Our facility uses a shared floor drain. Can the machine be connected without a dedicated drainage outlet?**

**A:** Yes. In such cases, customers are responsible for procuring a properly sized extension hose to connect the unit to the shared drain. Ensure that the drainage path is unobstructed and meets local health and plumbing codes.

**Q: Can the machine operate without Wi-Fi?**

**A:** A Wi-Fi connection is required for account login. Once logged in, the machine can operate using stored recipes during a temporary network outage. However, recipe synchronization, remote updates, software upgrades, and diagnostic log uploads will be unavailable until the connection is restored.

**Q: Can Botinkit provide a recommended kitchen layout design?**

**A:** Botinkit does not provide formal kitchen design services. However, we are happy to support your design team by offering technical specifications, clearance requirements, and layout recommendations to ensure the equipment is integrated correctly. Please contact us with your drawings or plans for further assistance.