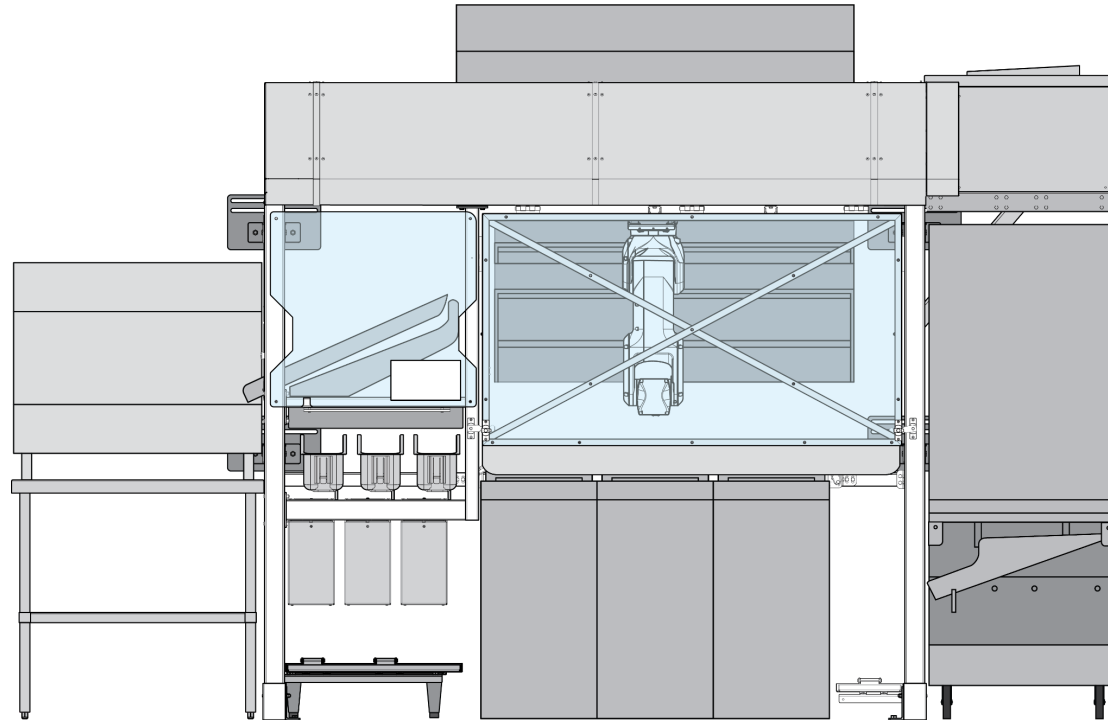




MISO ROBOTICS

Spec Sheet for Backshelf Hood - 3 Fryer - Right to Left Flow

Congratulations on being one step closer to having a Flippy 2 in your kitchen!



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A Few Notes:

- Miso Robotics provides the Food Dispenser
- Miso Robotics does not provide the Hot Hold unit but recommend the Hatco Multi-Product Warming Station
 - ◆ **[MODEL: MPWS-36]**
 - ◆ Hot Hold station has accessories to customize and accommodate your workflow preferences

INTRODUCTION TO FLIPPY 2

FLIPPY 2 PRODUCES DRAMATIC RESULTS

 PAYS FOR
ITSELF

 UNMATCHED
QUALITY AND
CONSISTENCY

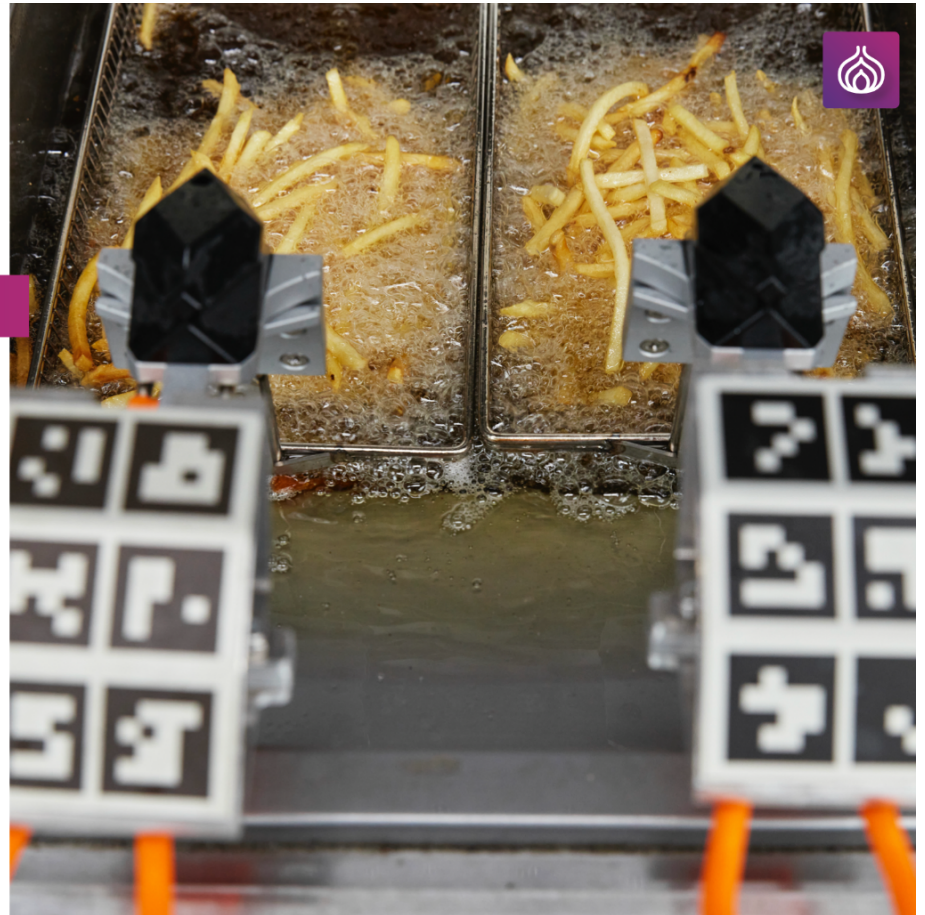
 BETTER
REVENUE
POTENTIAL

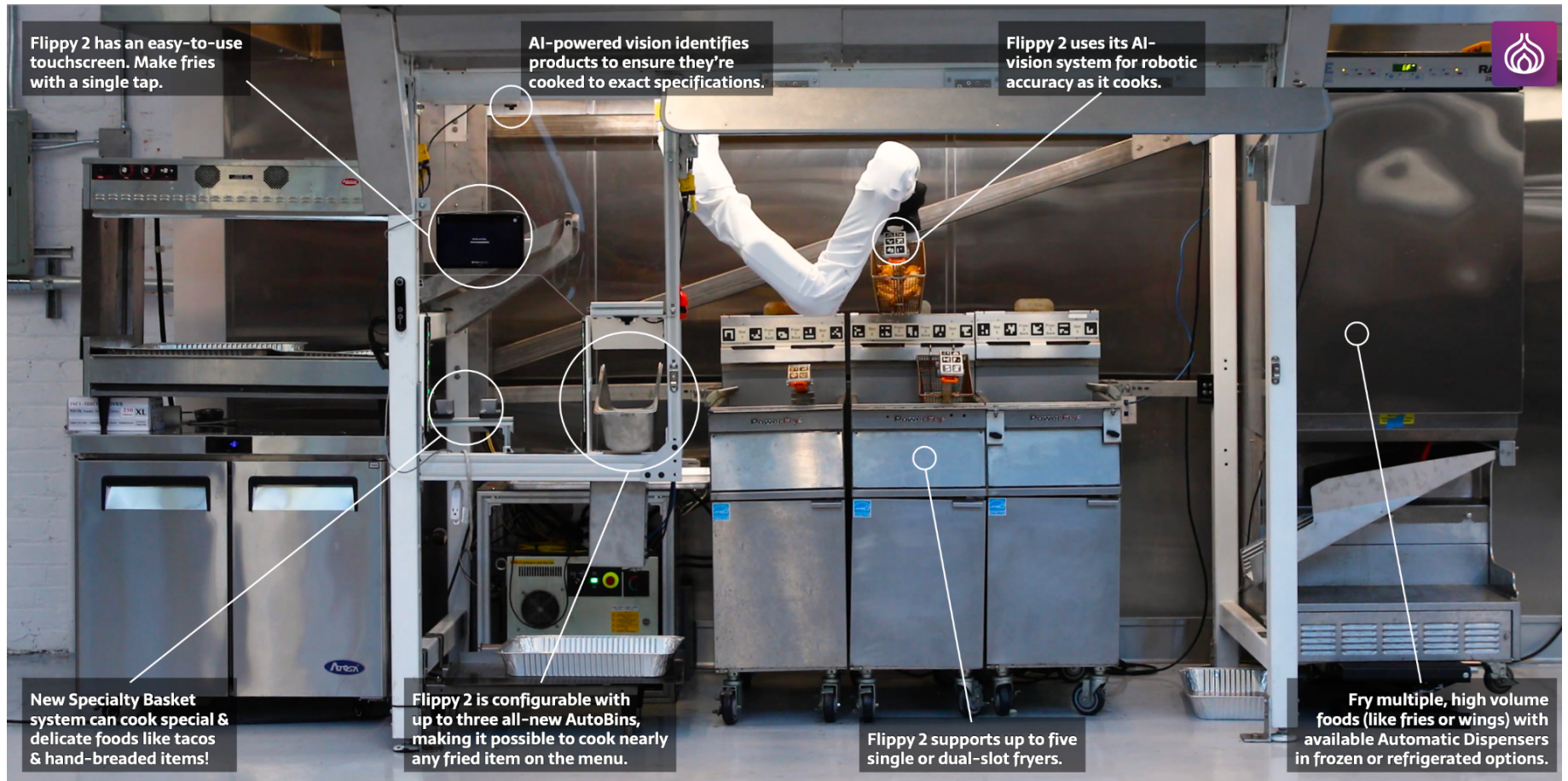
 INCREASED
THROUGHPUT

 IMPROVES
SPEED OF
SERVICE

Case studies available! Contact us to learn more.

[MisoRobotics.com/GetFlippy](https://www.misorobotics.com/GetFlippy)



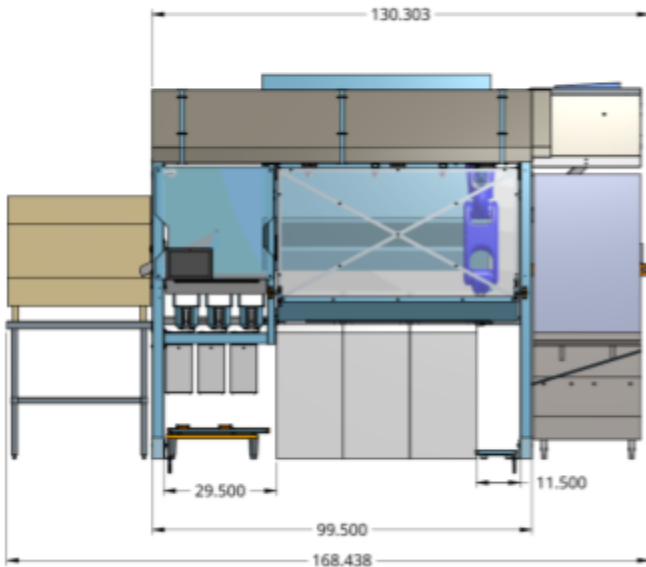


SPACE REQUIREMENTS

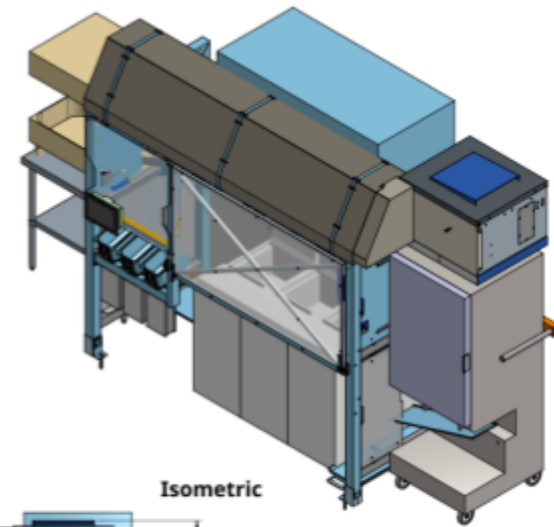
Flippy needs space to cook the food from start to finish in your kitchen.



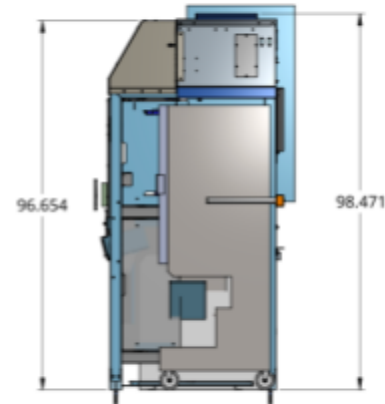
Top - No Hood



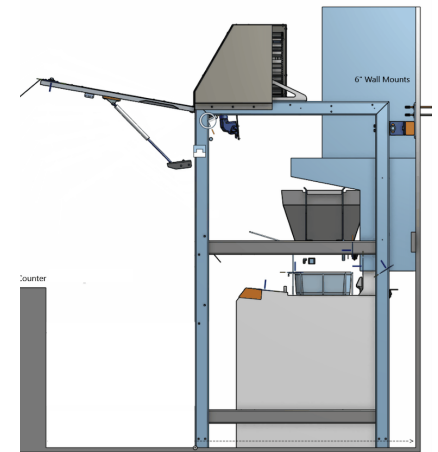
Front

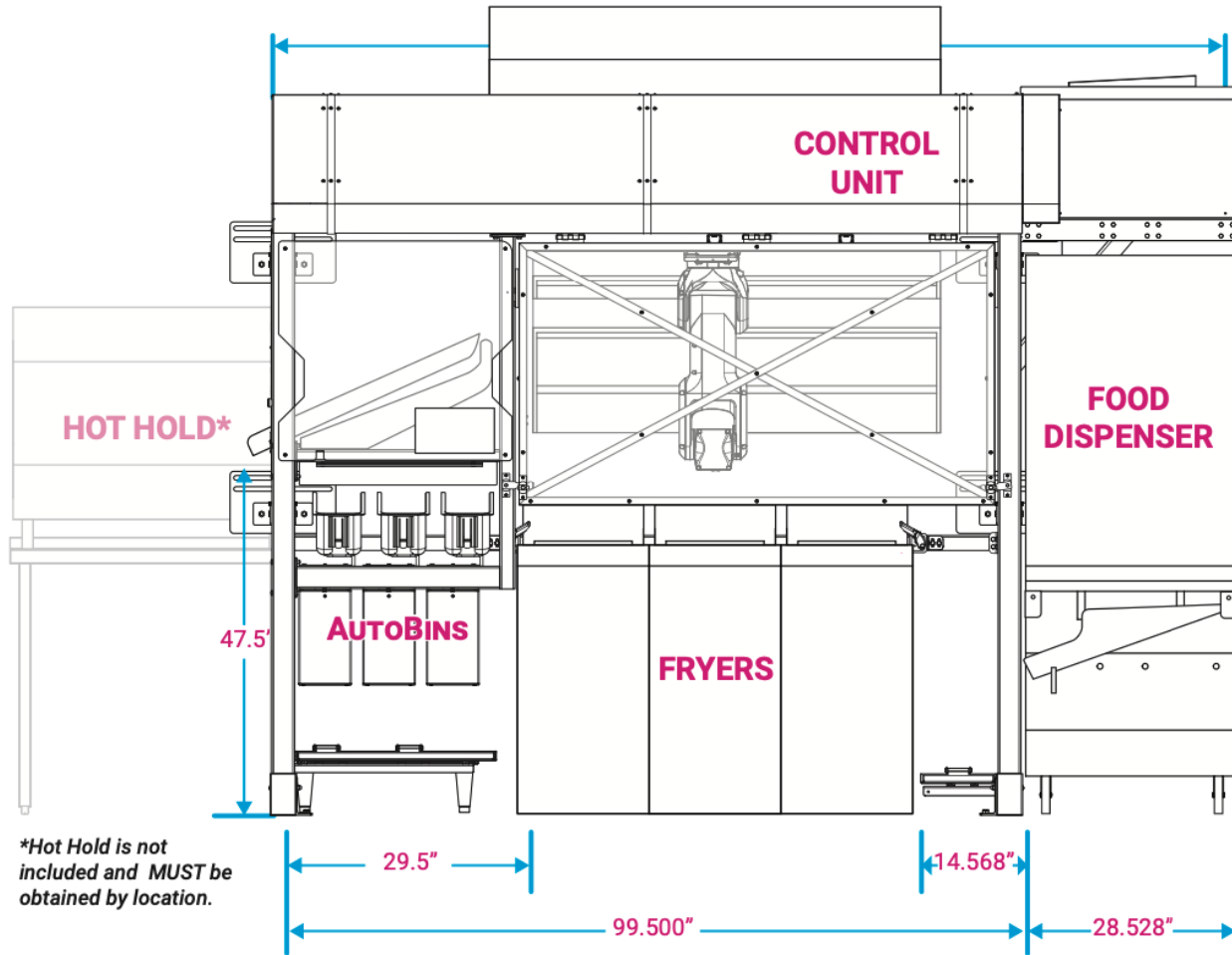


Isometric

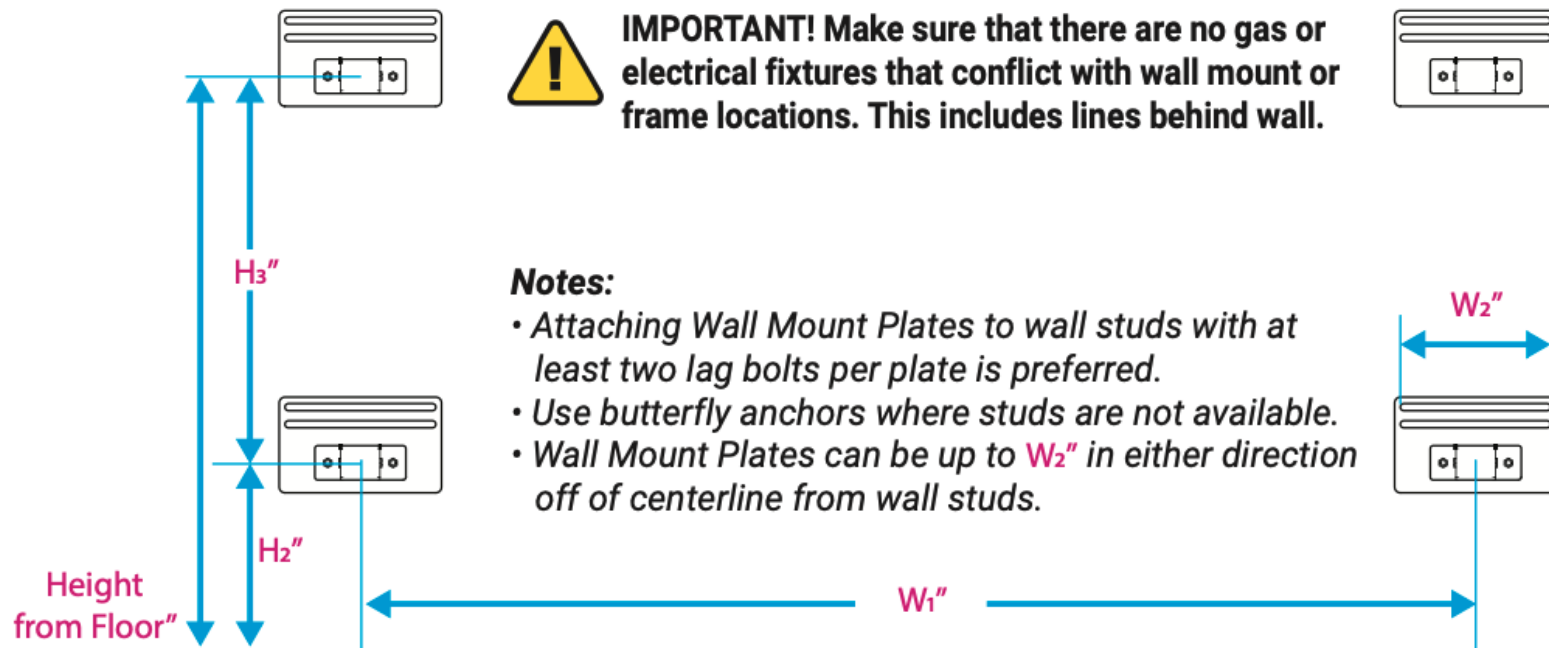


Right





Wall Space Requirements



Floor Space Requirements

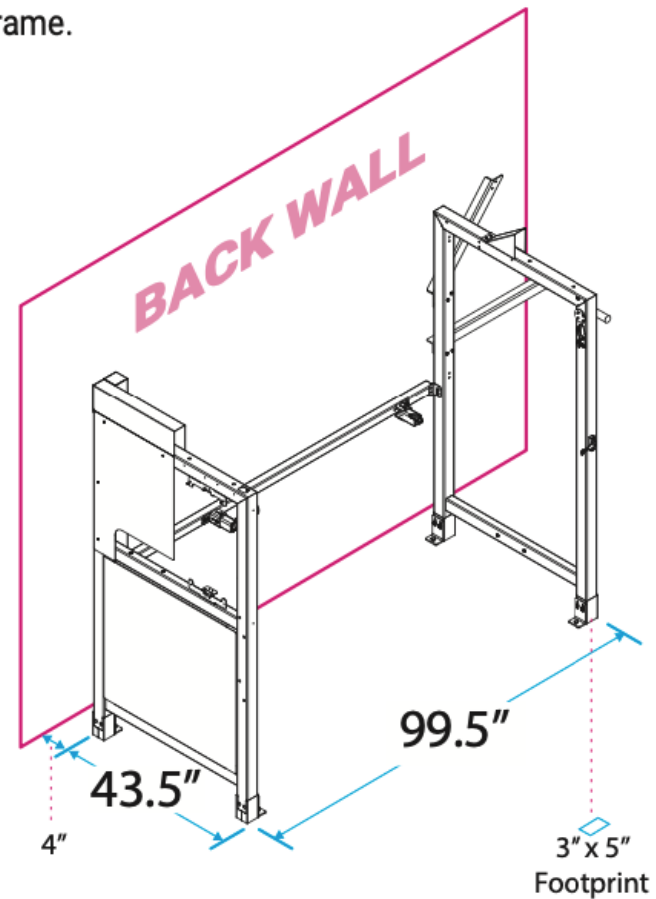


IMPORTANT! To reduce measurement errors, take all wall and floor measurements from a single point where the floor and back wall meet.

Example: Measure from location of centerline of left frame.

Notes:

- Each foot requires an anchor secured in the floor.
- Four holes will be required, drilled with 5/8" bit to an approximate depth of 4"

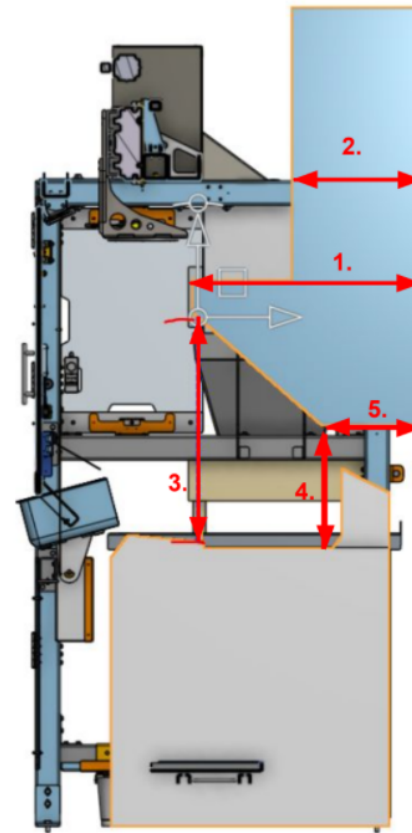


BACKSHELF HOOD COMPATIBILITY

- Hood depth, Maximum of 28" from Wall
- Exhaust Vent Depth, Maximum of 26" from Wall
- Hood Height from Fryers, Minimum of 27" from the top of the Fryer to the underside of Hood
- Hood Side Wall Dimensions, Minimum of 15.5" from top of Fryer
- Hood Side Wall Dimensions, Maximum of 12" from the Wall

Miso Backshelf Hood Compatibility:

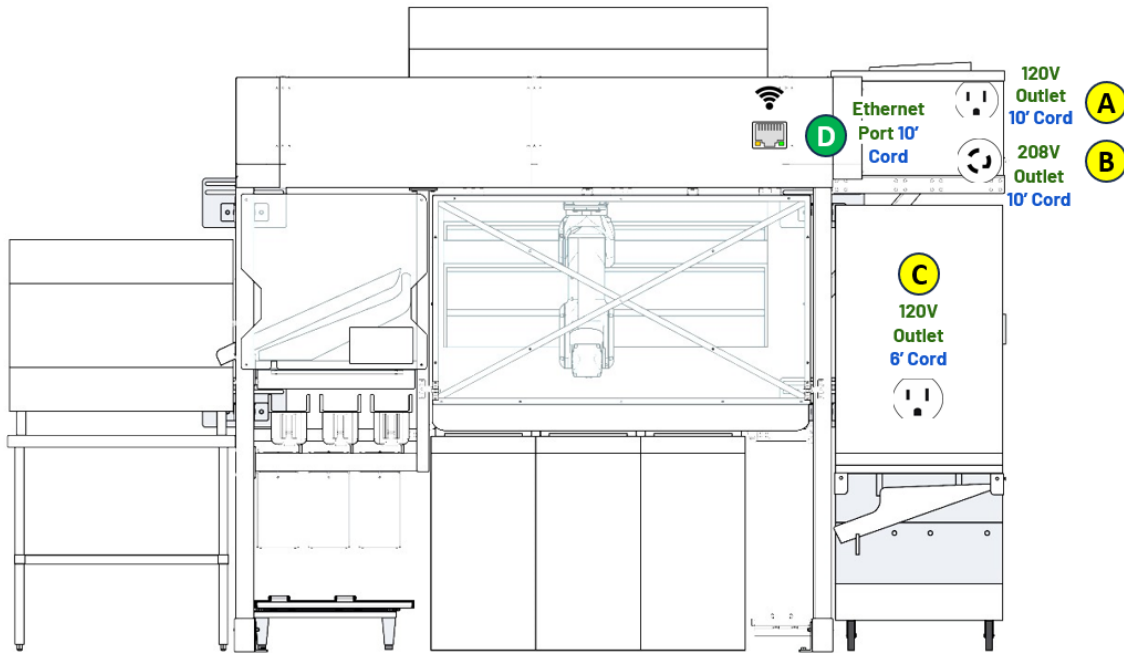
#	Dimension	Value
1	Hood Depth	Maximum of 28" from Wall
2	Exhaust Vent Depth	Maximum of 26" from Wall
3	Hood Height from Fryer	Minimum of 27" from top of fryer to underside of hood
4	Hood Side Wall Dimensions	Minimum of 15.5" from top of fryer
5	Hood Side Wall Dimensions	Maximum of 12" from the wall



POWER & ETHERNET PORT CONNECTION REQUIREMENTS

Flippy's individual components have different power needs. And in some cases, components will have to be on different circuits:

A.	Computer	120V	6A	10' Power Cord	NEMA 5-15P
B.	Robotic Arm	208V	5A	10' Power Cord	NEMA L6-20
C.	Food Dispenser	120V	8A	6' Power Cord	NEMA 5-15P
D.	Ethernet Port			10' Cord	



NETWORK REQUIREMENTS

Miso Robotics Inc. needs the following network parameters and access to set up and operate Flippy.

- **!! Our router on customer premises must be configured in DHCP mode, unless the client strictly requires that it must be configured to use a static IP address. This must be communicated to Miso well in advance of product ship!**
- Access to the following **outbound only** targets and ports:

Sites	Outgoing Ports	Reason
-------	----------------	--------

All	TCP: 443	SSL connectivity for package downloads, and cloud resources over many different IP ranges
github.com	TCP: 22	Access to private github repos
Forti VPN (35.203.163.51)	UDP: 1194,500,514,4500 ESP: (IP protocol 50)	VPN connectivity
Forticloud management As mentioned in Fortinet documentation. 208.91.113.0/24 173.243.132.0/24 81.201.100.224/27 81.201.101.192/26	TCP: 80, 443, 541, 514	Router Management connectivity
1.1.1.1 8.8.8.8 8.8.4.4	ICMP: ping, TCP: 53, UDP: 53	Global DNS Resolution



→ **Flippy requires an internet connection with a bandwidth of at least:**

- 20 Mbps Download Speed
- 20 Mbps Upload Speed
- 220 GB of Data Transfer Per Day

Procedure: Verify with your internet service provider that you do not have data caps and that your internet supports the additional data Flippy will generate.

→ **During the install, you will need to have someone onsite with network admin access. They will need to have the Username and Password for your Modem and Router.**

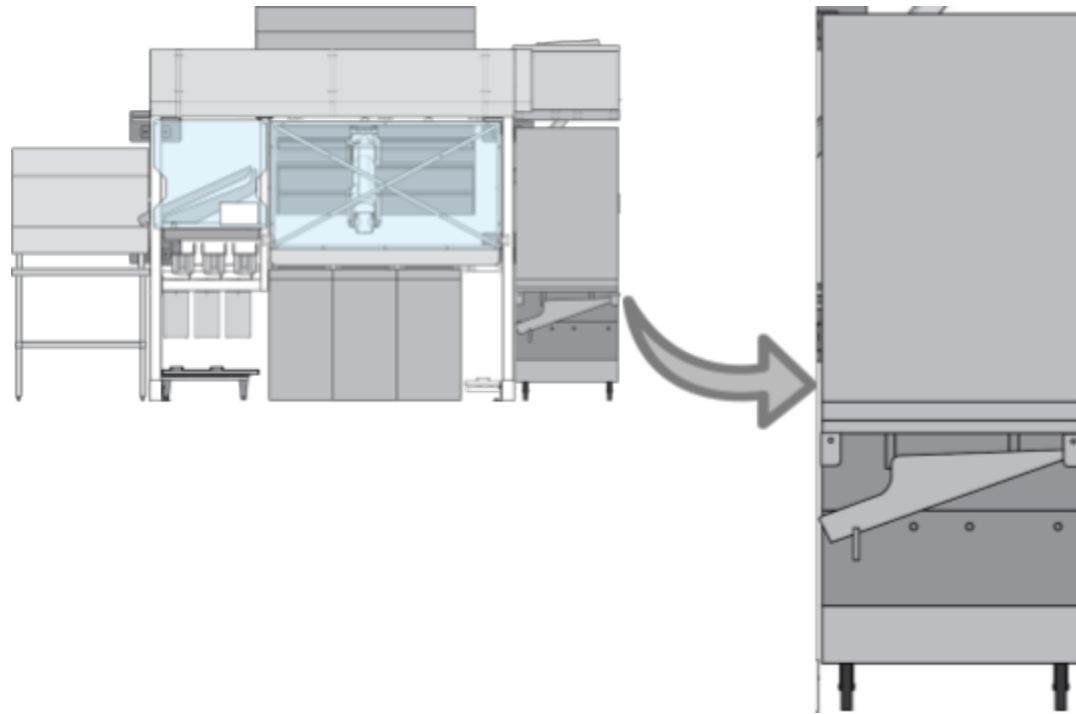
These are supplied by your Internet Service Provider (ISP) and may be combined into a single device.

Please reach out to Miso Robotics if you experience any issues with these steps.

installations@misorobotics.com

FOOD DISPENSER SPECIFICATIONS

- Miso Robotics provides and maintains a modified Food Dispenser.
- Manufacturer: Taylor Company
- Model: [RAM R280](#)
- Specification Sheet: [Taylor Company R280 Specifications](#)
- Operators Manual: [Taylor Company R280 Operator Manual](#)

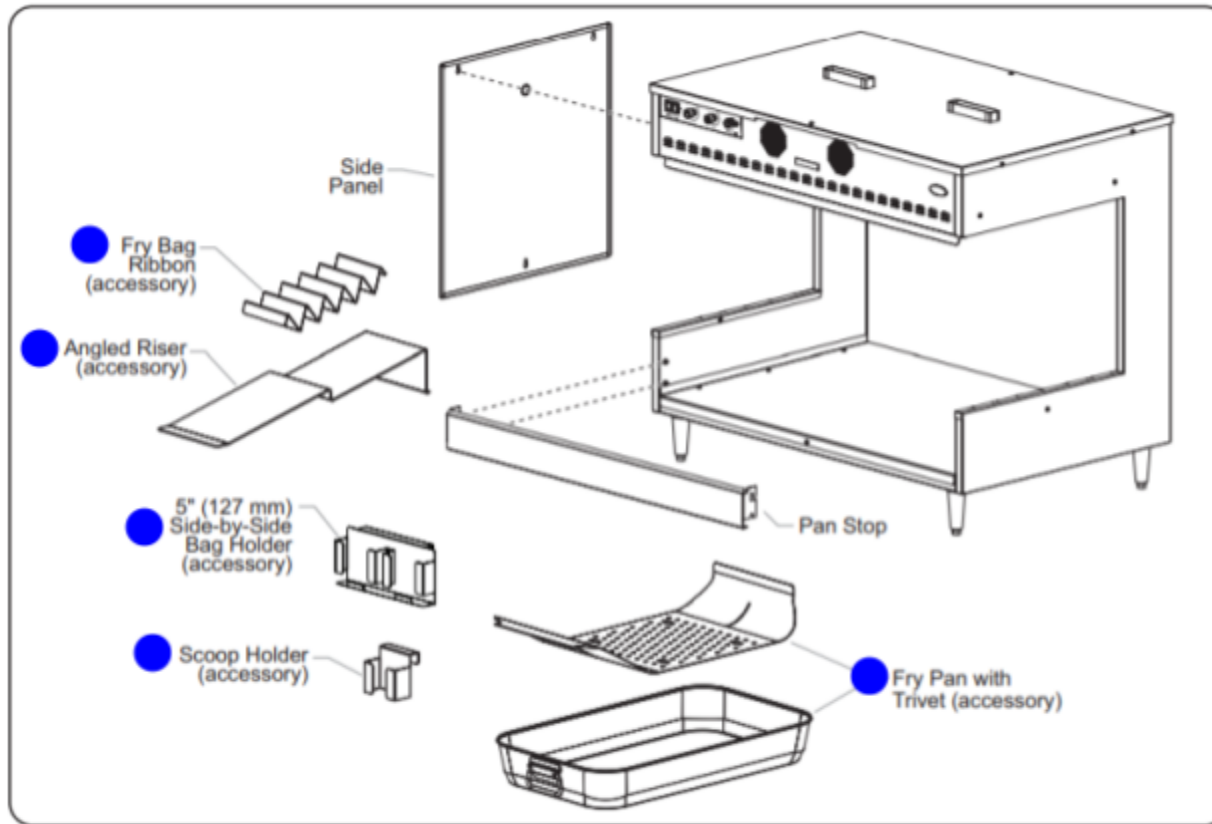


HOT HOLD SPECIFICATIONS

- Miso Robotics **does not provide or maintain** the Hot Hold unit but recommends the Hatco Multi-Product Warming Station
- Manufacturer: [Hatco Corporation](#)
- Model: [MPWS-36](#)
- Specifications Sheet: [Hatco Multi-Product Warming Station Specifications](#)
- Operators Manual: [Hatco Multi-Product Warming Station Operating Manual](#)



→ The Hatco Hatco Multi-Product Warming Station has **accessories for an additional cost** that you can select at the time of ordering to customize and accommodate your workflow preferences



Components and Accessories



HOT HOLD PLACEMENT REQUIREMENTS

- The Hot Hold unit container must sit below the Hot Hold Chute.
- The Hot Hold unit should have accessible sides for food entry.

