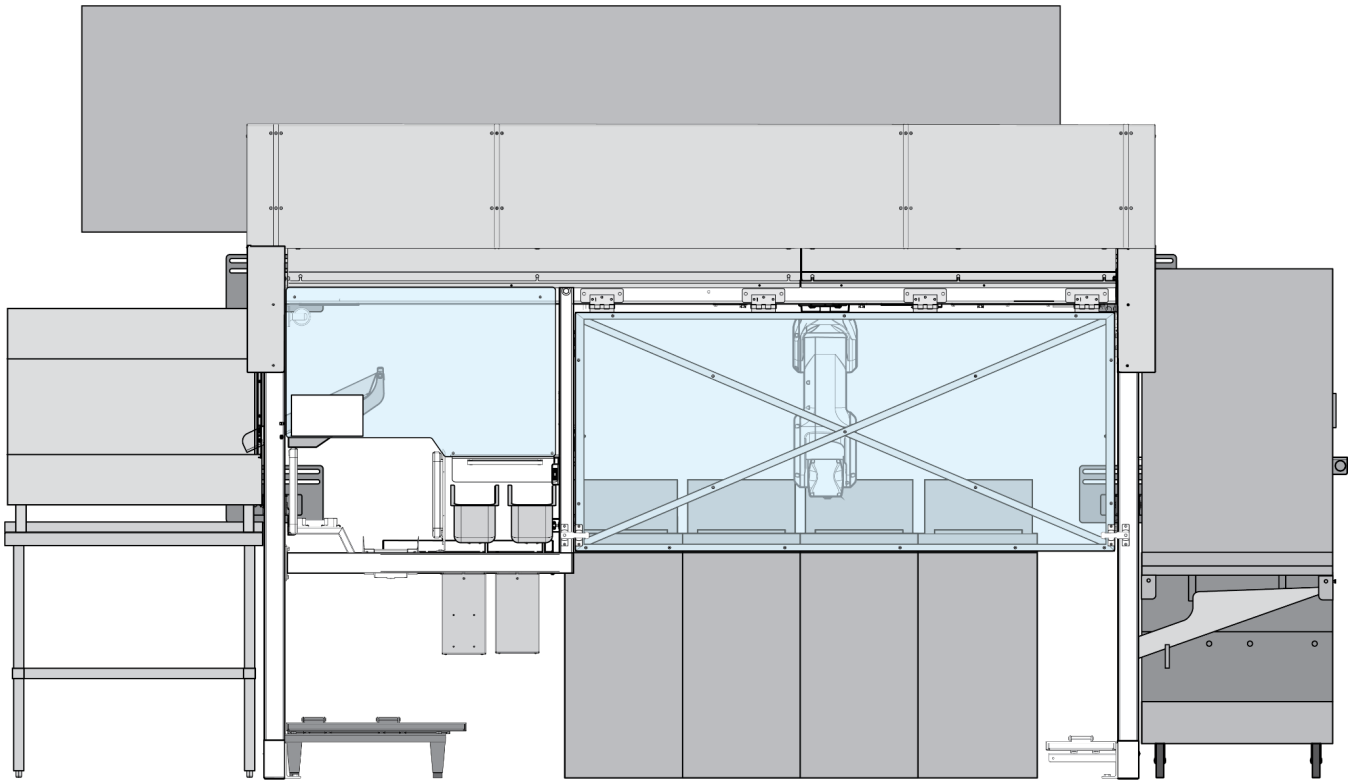
MISO ROBOTICS

Spec Sheet for Canopy Hood - 4 Fryers - Right to Left Flow - Specialty Baskets

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

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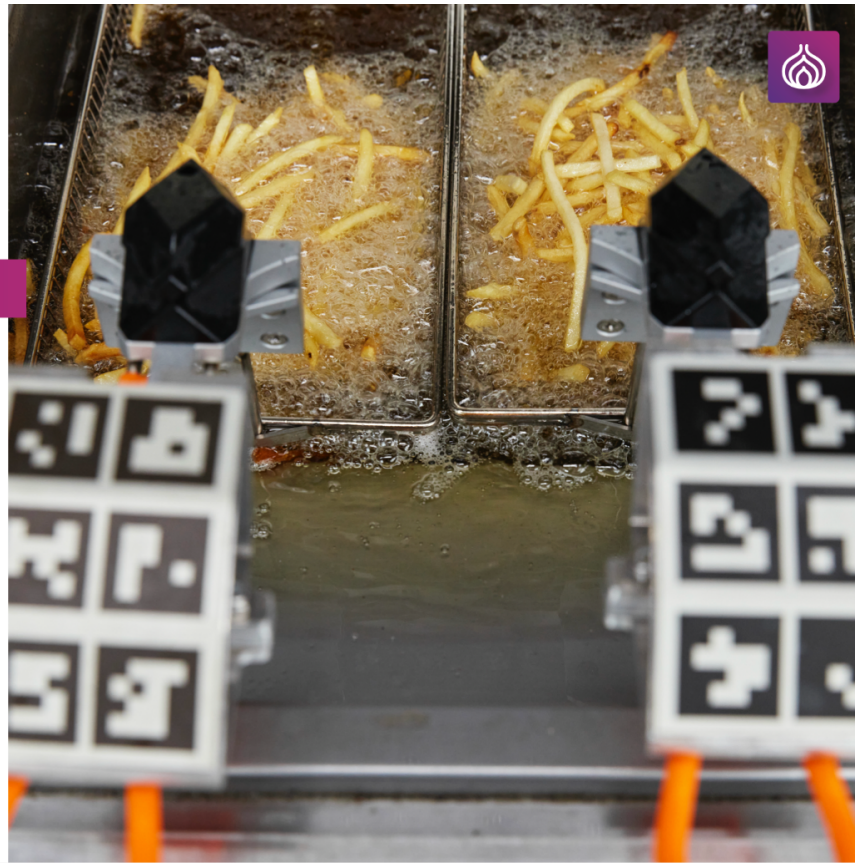
INTRODUCTION TO FLIPPY 2

FLIPPY 2 PRODUCES
DRAMATIC RESULTS

- PAYS FOR **ITSELF**
- INCREASED **THROUGHPUT**
- UNMATCHED **QUALITY** AND **CONSITENCY**
- IMPROVES **SPEED OF SERVICE**
- BETTER **REVENUE** POTENTIAL

Case studies available! Contact us to learn more.

MisoRobotics.com/**GetFlippy**



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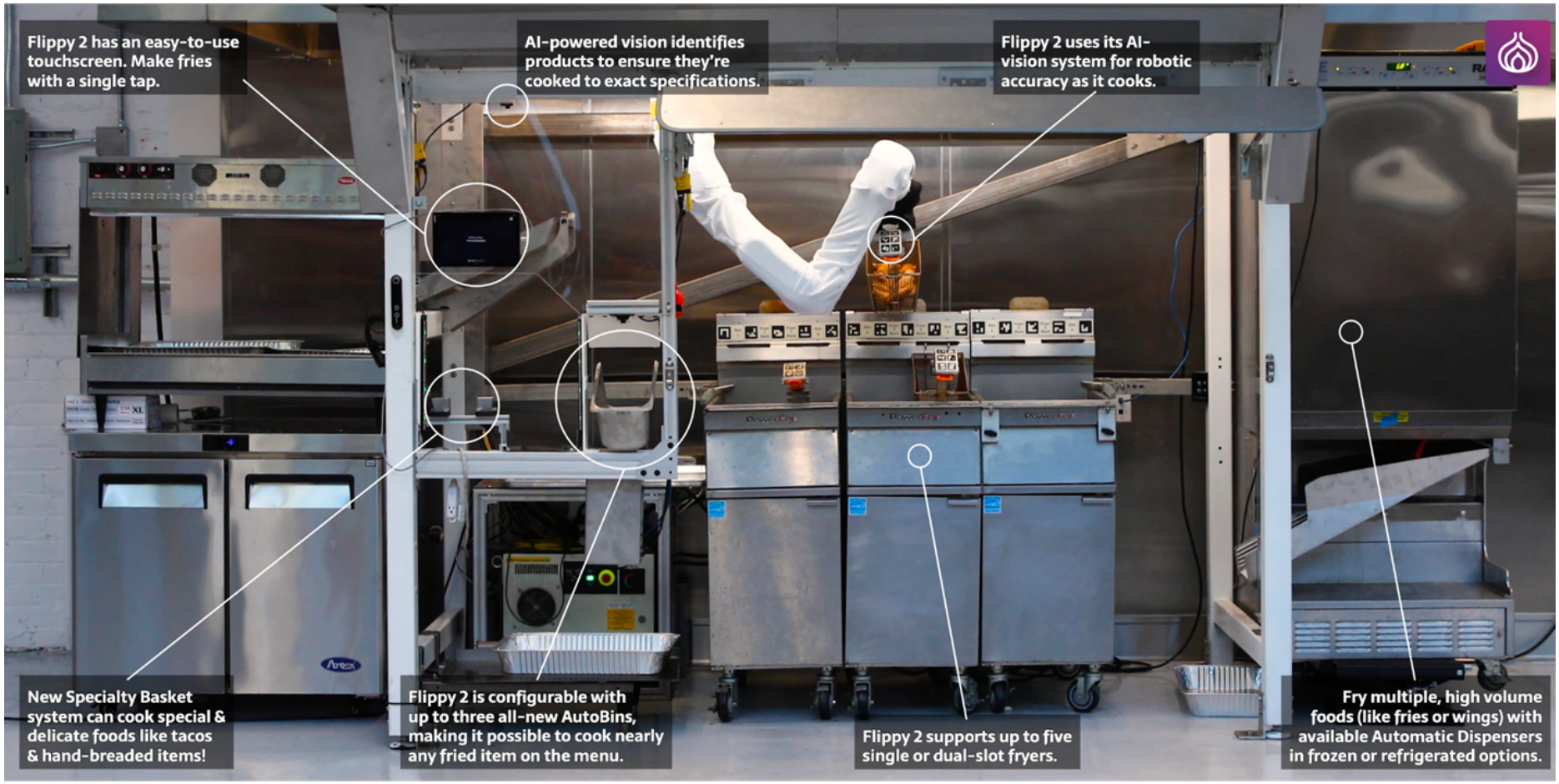

SPACE REQUIREMENTS

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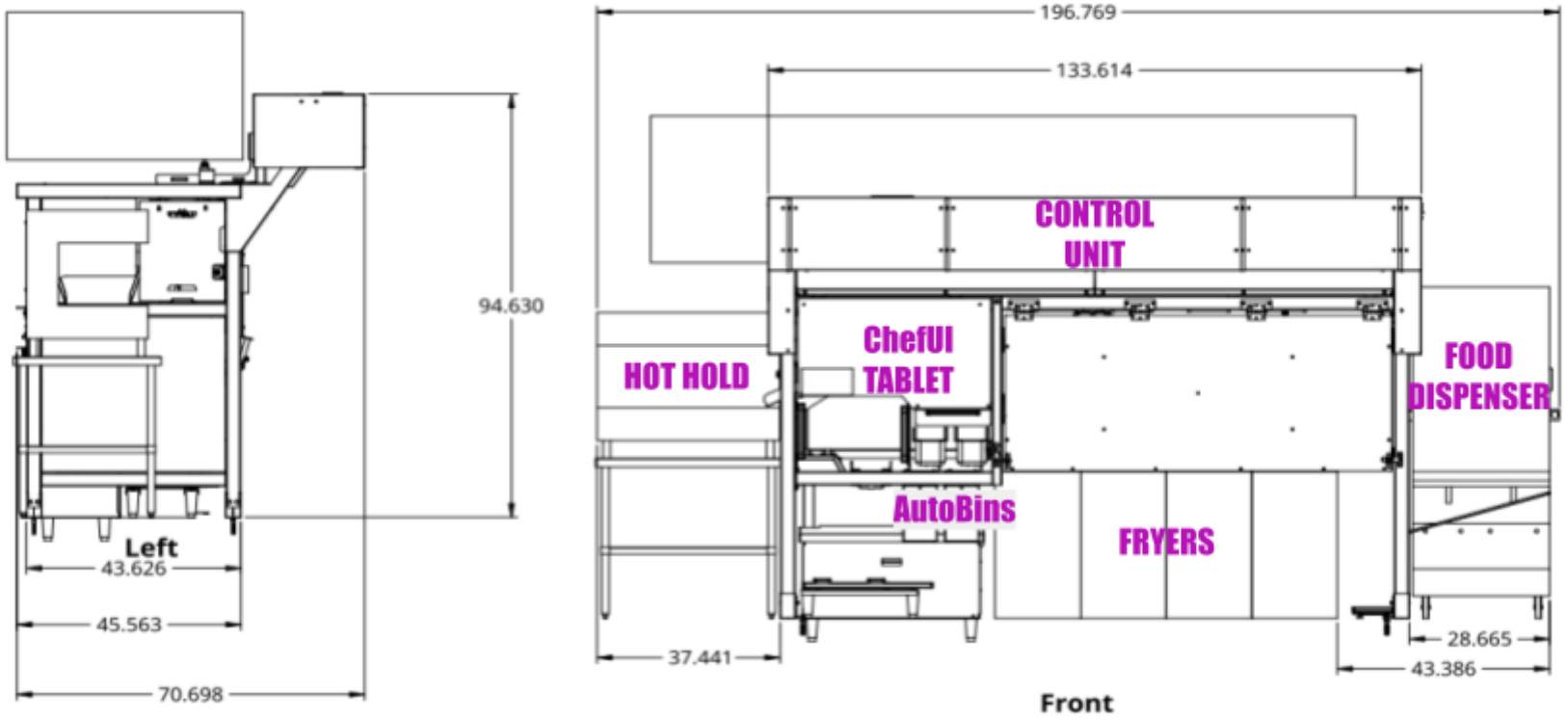
Flippy needs just over **16 feet** of wall space to cook the food from start to finish. This includes everything (from right to left):

IMPORTANT MEASUREMENTS

Width *(Hot Hold + Frame + Dispenser)*: **16' 4.77" (196.77")**
Height *(Top of Frame)*: **7' 10.63" (94.63")**
Depth: *(Wall to Front)*: **5' 10.7" (70.7")**



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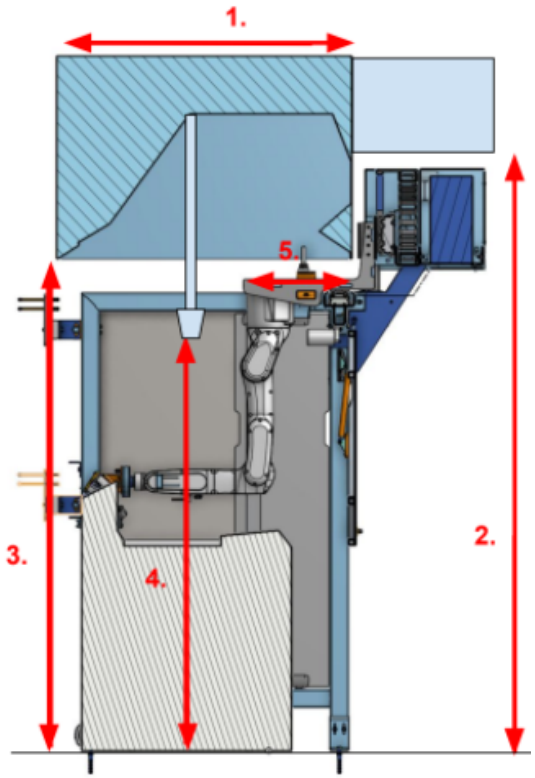
CANOPY HOOD COMPATIBILITY

- ➔ Hood depth, 48 or 54" from Wall
- ➔ Make up air height from ground must be >=96"
- ➔ Bottom lip of hood to ground must be >=77.5"
- ➔ ANSUL Nozzles height in robot area must be >=70"
- ➔ ANSUL Nozzles distance from front of hood must be >=20"

Miso Canopy Hood Compatibility Flippy 2.0.1 or Newer:

#	Dimension	Value
1	Hood Depth	48 or 54" from Wall
2	Make Up Air Height From Ground	Must be >=96"
3	Bottom Lip of Hood to Ground	Must be >= 77.5"
4	ANSUL Nozzles Height in Robot Area	Must be >=70"
5	ANSUL Nozzle Distance from Front of Hood	Must be >= 20"

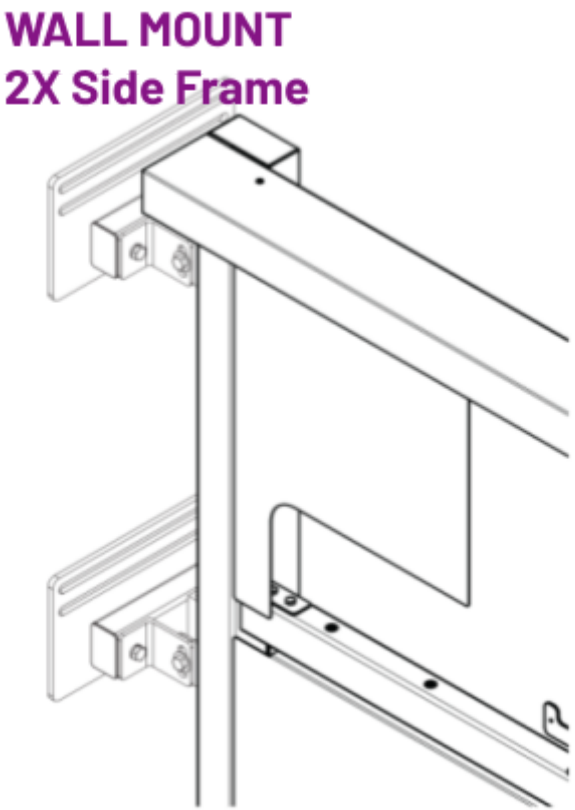


MOUNTING REQUIREMENTS

Flippy needs to be mounted against the wall and anchored to the floor.

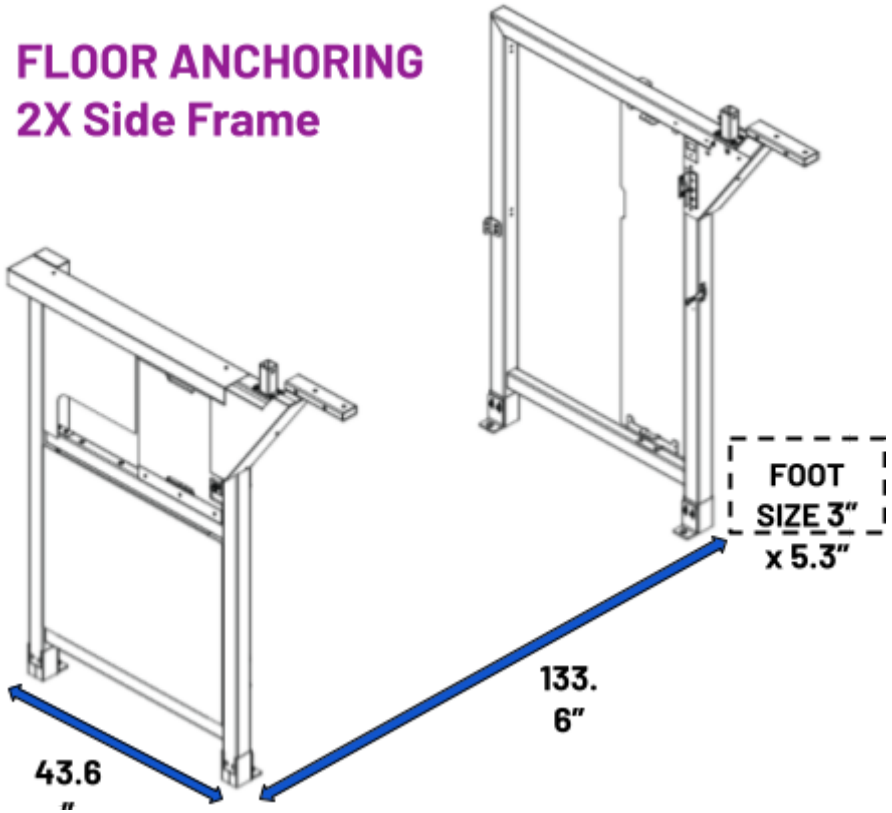
WALL:

➔ Mounting is necessary at 4 different points within the frame, approximately 4” deep.



FLOOR:

- ➔ Floor drilling is required in 4 different points that align to the feet of the side frames.
  - ◆ Holes will be drilled into floor with a ⅝" diameter bit, approximately 4" deep.
  - ◆ There's 4 feet in total and these measure 3"x5.3"



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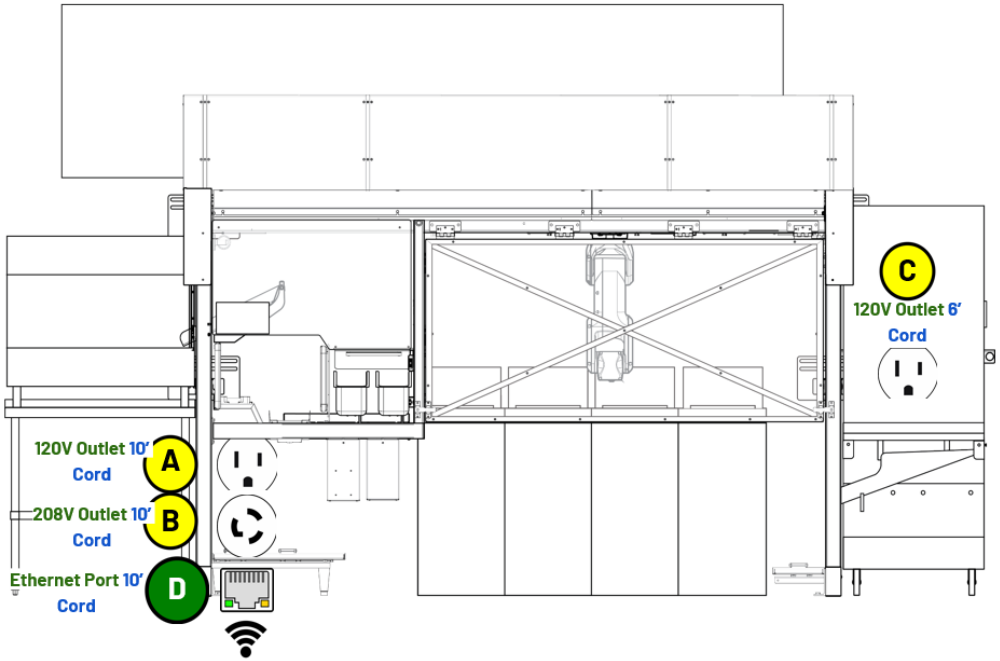
POWER & ETHERNET PORT CONNECTION REQUIREMENTS

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

	COMPONENT	PLUG TYPE	AMP	MAX CORD LENGTH	RECEPTACLE
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**	

In addition, Flippy will need to be connected to an active Ethernet port.



NETWORK REQUIREMENTS

Miso Robotics, Inc. requires the following network access to set up and operate Flippy. Please ensure that there is unrestricted outbound access on your internet service.

➔ **Flippy will need access to the listed websites 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

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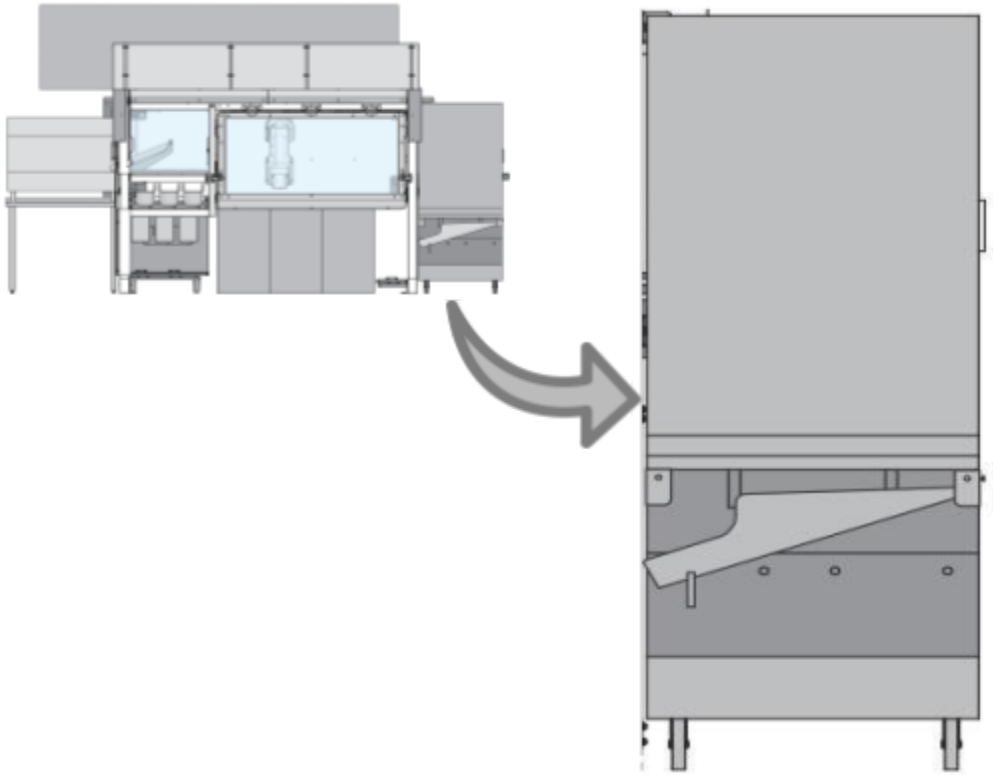
FOOD DISPENSER SPECIFICATIONS

- ➔ 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



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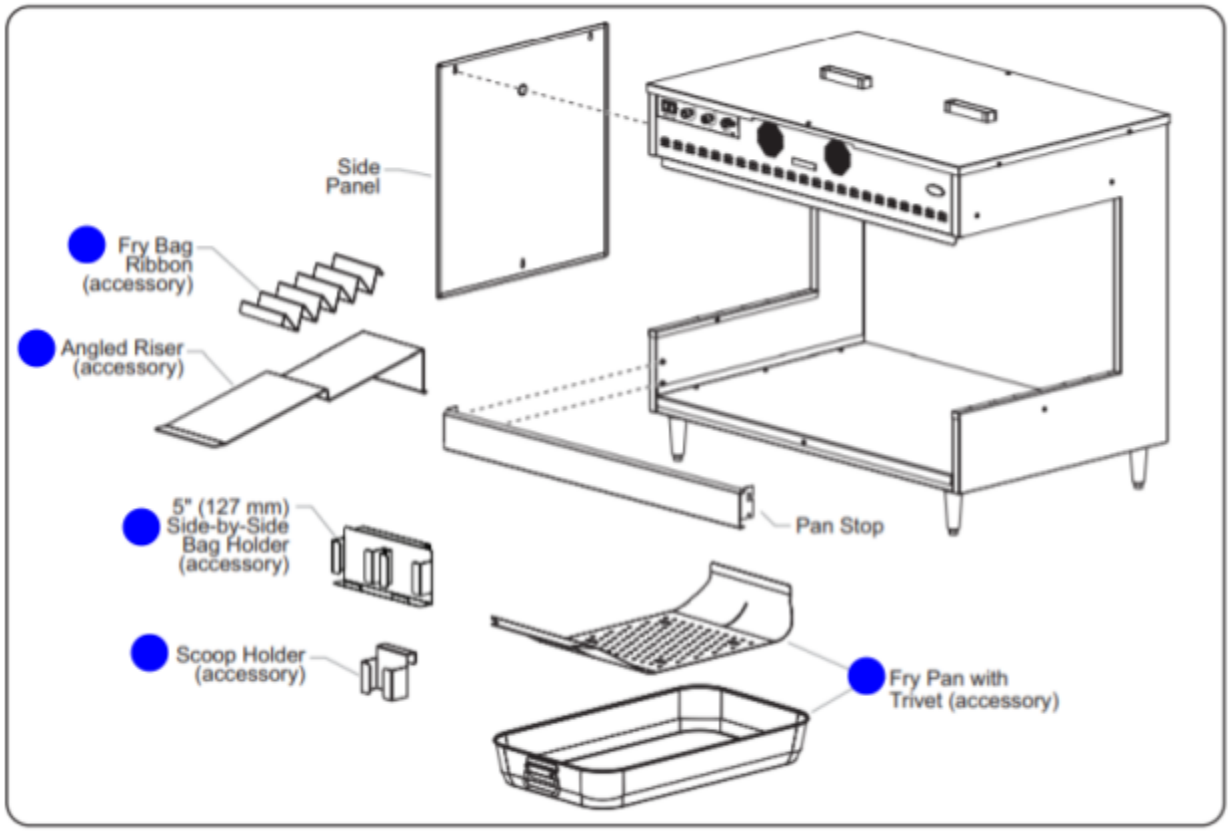
HOT HOLD SPECIFICATIONS

- ➔ 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 **<u>accessories for an additional cost</u>** that you can select at the time of ordering to customize and accommodate your workflow preferences



Components and Accessories

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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.