



MODEL 12-U

Food Service Air Fryer



PRE-INSTALLATION CUSTOMER REQUIREMENTS

Placement & Clearance

LightFry requires a sturdy work surface at the appropriate working height for optimal operation.

1. **Prior to installation insure that you have a space cleared and ready for placement of LightFry.**
2. **Weight:** LightFry weighs 220 lbs. Place on a surface that can sustain this weight at a minimum.
3. **Height:** The placement height of the LightFry is recommended between 33" and 36" for optimal loading and unloading of product.
4. **Clearance:** LightFry requires a 12" clearance on the left side and 2" clearance on all other sides.
5. **Pump & Chemical:** When choosing a placement location account for detergent and pump placement.
6. **Avoid placement near high heat source.**

Water

The LightFry requires a water connection to run the cleaning cycle. Prior to installation, your licensed plumber will have the water line installed and ready to be connected to LightFry.

1. **Your licensed plumber should complete the following:**
2. **Install a check valve.** A check valve should be installed (if local codes require) at the LightFry point of connection.
3. **Confirm optimal water pressure.** Incoming water pressure range is 58 PSI to a maximum of 87 PSI. Cold water connection is acceptable.
4. **Install the proper braided stainless steel hose.** Material should be able to withstand 176°F water temperature though LightFry does not require hot water. We recommend a 3/8" inch braided stainless steel hose with 3/4" NPT connection. Length will be determined by placement of LightFry. The Eastman brand washing machine braided stainless steel hose with 90 degree connection has been proven to work well.

Drain

The LightFry requires a drain hose for the cleaning cycle. Prior to installation, the licensed plumber will have confirmed your establishment can support the proper drainage.

1. **Your licensed plumber should complete the following:**
2. **Supply a 1" braided heat and chemical resistant rubber drain hose.** LightFry cleaning cycle expels hot water & detergent in a similar fashion to a dishwasher. The drainage hose must withstand temperatures of 176°F & be chemical resistant. * Ensure length of hose is able to reach drain from planned placement without incurring any kinks.





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Electrical

LightFry runs on electric power. Prior to installation, a licensed electrician will have one of the two electrical set up completed prior to Installation.

Standard Electrical Set Up: Hard Wire

1. **Your electrician should complete the following:**
2. **Confirm breaker is correct.** LightFry must run through a 50 amp dedicated breaker.
3. **Install the correct power configuration.** LightFry power configuration is 3 phase, 208 Volt, 5 wire. Electrical connections must meet all applicable federal state and local codes.
4. **Purchase the correct length of wire:** For hard wiring, no cord is supplied. The electrician is responsible to order the correct length of cord for the installation. 8 gauge SJ cord, 4 wire with ground. **Make sure cord has sufficient length to allow access to unit for service.**
5. **Schedule:** The electrician must be present on the installation date to complete the hard wire final connection to the LightFry.

Second Optional Electrical Set up: Plug and Receptacal

1. **Your electrician should complete the following:**
2. **Confirm breaker is correct.** LightFry must run through a 50 amp dedicated breaker.
3. **Install the correct power configuration.** LightFry power configuration is 3 phase, 208 Volt, 5 wire *electrical connections must meet all applicable federal state and local codes.
4. **Purchase and Install the receptacal:** LightFry requires a Pass & Seymour part number 560R9W wall receptacal.
5. **Schedule:** Electrician is not required to be present on the installation date for the plug and receptacal installation option.
6. **Note:** LightFry will supply an 8ft cord set with a Pass & Seymour part number 560P9W plug. Any additional length to the cord set will be quoted separately.





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Plumbing Installation:

Yes? No?

<input type="checkbox"/>	<input type="checkbox"/>	Check valve and water hose supplied
<input type="checkbox"/>	<input type="checkbox"/>	Drainage hose is supplied and there is access to drain
<input type="checkbox"/>	<input type="checkbox"/>	Water pressure is in range

Contractor:

Phone #:

Company:

Contractor Signature:

Date completed:

Electrical Installation:

Yes? No? Option 1: Hard wire Yes? No? Option 2: Plug and receptical

<input type="checkbox"/>	<input type="checkbox"/>	Breaker is correct	<input type="checkbox"/>	<input type="checkbox"/>	Breaker is correct
<input type="checkbox"/>	<input type="checkbox"/>	Power configuration is correct	<input type="checkbox"/>	<input type="checkbox"/>	Power configuration is correct
<input type="checkbox"/>	<input type="checkbox"/>	Electrical is set up per hard wire	<input type="checkbox"/>	<input type="checkbox"/>	Electrical is set up per plug and receptical

Contractor:

Phone #:

Company:

* For hard wire, NSC will schedule alongside electrical contractor

Contractor Signature:

Date completed:

Customers Location Name:

Address:

City:

State:

Zip Code:

Customer's Install Contact:

Phone #:

Best Time for Installation:
allow for up to 3 hours

Best Day for Installation:

Owner name:

* It may take up to 3 days to schedule installation.

Owner Signature:

Date:

Return Signed Form To: kraymond@LightFryUSA.com

Attention: Please be sure that all is completed. You may be liable for trip and labor charges from the installation company if the site pre-installation requirements have not been fulfilled.

CONTACT US LIGHTFRY USA 1801 NORTH ELDER STREET :: NAMPA IDAHO 83687 USA

Revised: May 15, 2020

HAVE INSTALLATION QUESTIONS? :: CONTACT: TOM BOATMAN, LIGHTFRY USA INSTALLATION MANAGER

EMAIL: TBOATMANUSA@LIGHTFRYUSA.COM :: O: (208) 258-6237 :: M: (208) 473-8430





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Plumbing Installation:

Yes? No?

		Check valve and water hose supplied
		Drainage hose supplied
		Water pressure is in range

Contractor: Bills Smith Phone #: (888) 930-4578

Company: Bills Plumbing

Contractor Signature: Bill Smith

Date completed: July 5th, 2016

Electrical Installation:

Yes? No? Option 1: Hard wire Yes? No? Option 2: Plug and receptical

		Breaker is correct			Breaker is correct
		Power configuration is correct			Power configuration is correct
		Electrical is set up per hard wire			Electrical is set up per plug and receptical

Contractor: John Smith Phone #: (812) 470-4579

Company: John's Electrical

Contractor Signature: John Smith

Date completed: July 7th, 2016

* For hard wire, NSC will schedule alongside electrical contractor

Customers Location Name: Bobs Burgers

Address: 768 North Ogden, Unit 40

City: Seymore Bay State: New Jersey Zip Code: 08734

Customer's Install Contact: Andrew Michaels Phone #: (658) 666-9898

Best Time for Installation: 9:00 AM Best Day for Installation: Tuesday

Owner Name: Andrew Michaels

* It may take up to 3 days to schedule installation.

Owner Signature: Andrew Michaels

Date: August 10, 2016

Return Signed Form To: kraymondusa@LightFryUSA.com

Attention: Please be sure that all is completed. You may be liable for trip and labor charges from the installation company if the site pre installation requirements have not been fulfilled.

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