



# MJ45 and MJ45-2 Gas Fryers

Project \_\_\_\_\_  
 Item \_\_\_\_\_  
 Quantity \_\_\_\_\_  
 CSI Section 11400 \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Date \_\_\_\_\_

MJ45 and MJ45-2 Gas Fryers

## Models

MJ45

MJ45-2



Shown with optional computer and casters

## Standard Features

- Open-pot design is easy to clean
- Millivolt temperature controls, no electric connection required
- Reliable, centerline, fast-action temperature probe
- Deep cold zone, 1-1/4 in. (3.2 cm) IPS ball-type drain valve

- Master Jet burner system distributes heat evenly for efficient heat exchange and quick recovery
- Stainless-steel frypot and door, enamel cabinet

## Full Frypot

- 50-lb (25 liter\*) oil capacity
- 122,000 Btu/hr. input (30,730 kcal) (35.8 kw)
- Frying area 14" x 15" (35.6 x 38.1 cm)

## Split Frypot

- 25-lb (12 liter\*) oil capacity
- 63,500 Btu/hr. input (15,995 kcal) (18.6 kw)
- Frying area 7" x 15" (16.5 x 38.1 cm)

## Options & Accessories

- CM3.5 controller, electronic timer/controller, digital or analog controller
- Electronic ignition (must use one of the above controllers)
- FootPrint PRO® filtration
- Stainless-steel cabinet
- Sediment tray
- Full-size basket in lieu of twin baskets
- Screen-type basket support

- Fishplate
- Piezo igniter
- Shortening melt-cycle control
- Quick disconnect with gas line and adapter -- 3/4" x 48" (1.9 x 121.9 cm) or 3/4" x 36" (1.9 x 91.4 cm)
- Automatic basket lifts
- Stainless steel apron drain with basket (interchangeable right or left side)

## Specifications

### Designed for high-volume frying and controlled performance

The MJ45 gas fryers are unsurpassed in their versatility, controlled performance and low maintenance needs. Whether it is a single fryer or a fryer with a built-in filtration system, the MJ45 fryers achieve a long and dependable life through simplicity of design. These fryers offer options that accommodate a wide range of frying needs -- everything from French fries, pre-breaded products to specialty foods.

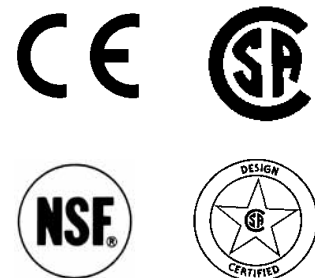
The Master Jet burner system distributes heat evenly around the frypot, generating a large heat-transfer area for efficient exchange and quick recovery. The durable centerline thermostat assures accurate temperatures for efficient heat-up, cooking and recovery.

The large cold zone and forward sloping bottom help collect and remove sediment from the frypot to safeguard oil quality and support routine frypot cleaning. The standard front flush feature deflects oil out around the frypot,

moving sediment to the front drain valve for easy and thorough removal. A Power Shower® feature can be substituted for the front flush feature at time of order.

FootPrint PRO® filtration is available with up to six fryers battered together into a single system, or with a single MJ45 fryer and a spreader cabinet. The spreader can include an optional heat lamp and dump station. The heat lamp can be a choice of rod style or bulb type. The dump stations can use either cafeteria-style or scoop-type pan. The heat lamp and pans are integrated into the cabinet, making a complete warming station.

\*Liter conversions are for solid shortening @ 70°F

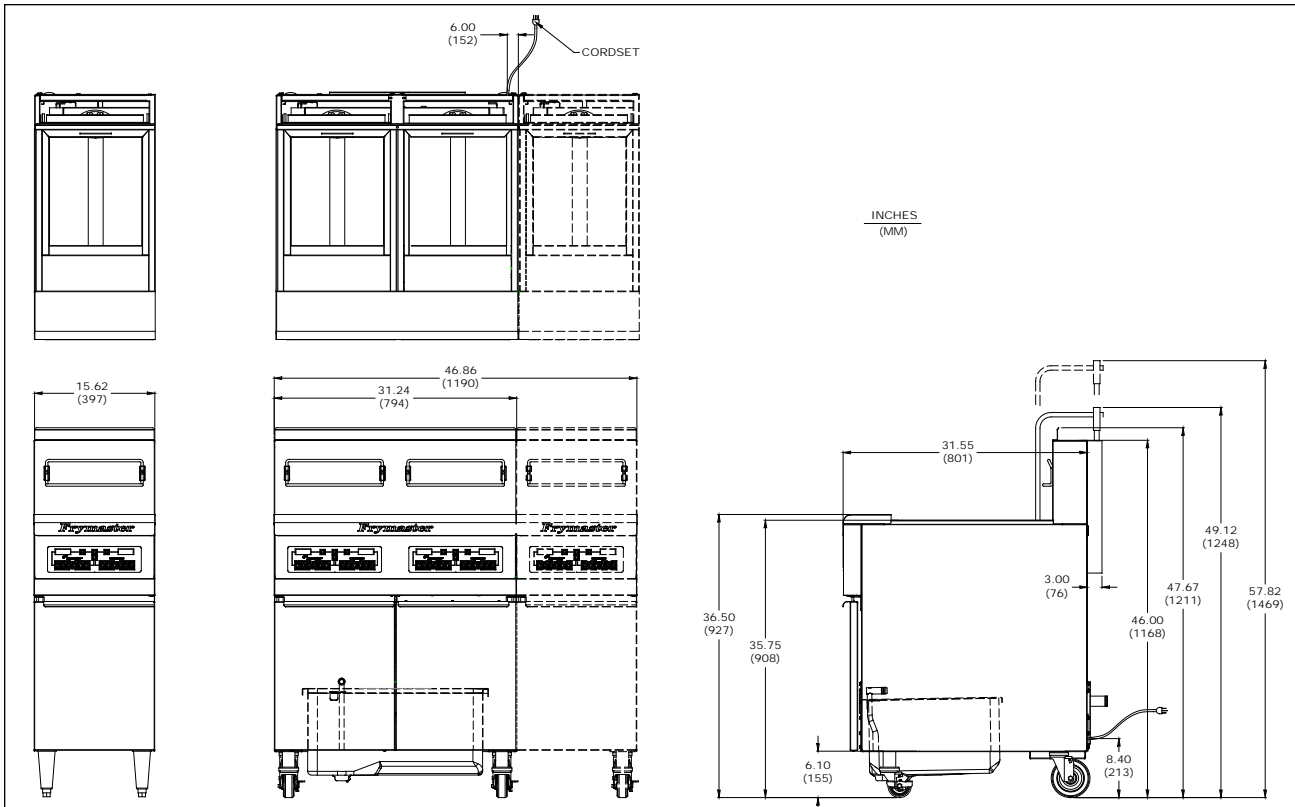


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**DIMENSIONS**

MODEL NO.	OIL CAPACITY	OVERALL SIZE (cm)			DRAIN HEIGHT	NET WEIGHT	SHIPPING INFORMATION					
		HEIGHT	WIDTH	LENGTH			WEIGHT	CLASS	CU. FT.	DIMENSIONS (cm)		
Without Basket Lifts	50 lbs. (25 liters)	46" (116.8 cm)	15-5/8" (40.0 cm)	31-1/2" (80.1 cm)	10-5/8" (27.0 cm)	145 lbs. (66 kg)	177 lbs. (80 kg)	85	19.47	H 46-1/2" (108 cm)	W 22" (56.0 cm)	L 36" (91.4 cm)
With Basket Lifts	50 lbs. (25 liters)	46" (116.8 cm)	15-5/8" (40.0 cm)	34-1/2" (87.6 cm)	10-5/8" (27.0 cm)	185 lbs. (84 kg)	233 lbs. (106 kg)	85	19.47	46-1/2" (108 cm)	22" (56.0 cm)	36" (91.4 cm)

**POWER REQUIREMENTS**

MODEL	NATURAL AND LP GAS	ELECTRICAL	EXPORT
MJ45 (-2) MJ45G (-2)	122,000 Btu/hr. input (30,730 kcal/hr.) (35.8 kw)	none required for millivolt system	
All Other Models	122,000 Btu/hr. input (30,730 kcal/hr.) (35.8 kw)	120V/60 Hz 8.5 Amps (amperage includes filter, controller and basket lifts)	240V/50 Hz 3.5 Amps 230V/50 Hz 2 Amps (CE)

**HOW TO SPECIFY**

The following description will assist with ordering the features desired:

- MJ45 Full frypot, standard millivolt control
- MJ45G Full frypot, thermostat on control panel
- MJ45GBL\* Full frypot, basket lifts
- MJ45E Full frypot, signal lights, on-off switch
- MJ45EM Full frypot, signal lights, on-off switch, melt cycle
- MJ45EBL\* Full frypot, basket lifts
- MJ45EBLM\* Full frypot, basketlifts, melt cycle
- MJ45EC Full frypot, Computer Magic™ (includes melt cycle)
- MJ45EBLC\* Full frypot, basket lifts and Computer Magic (includes melt cycle)
- 2 Split frypot
- SD Stainless-steel frypot and door, enamel cabinet
- SC Stainless-steel frypot, door and cabinet
- Nat Natural gas
- LP Liquid propane gas

\*Any unit purchased with basket lifts requires casters to be purchased also.

**NOTES**

- 1/2" (1.3 cm) (NPT) gas inlet size (with a 3/4" bushing) for single fryers; for 2 or more fryers, a 1" supply line should be provided.
- Supply voltage 120V 60 Hz -- Control Voltage 24V 60 Hz. 120 VAC 5 ft. (1.5 m) grounded cord set.
- Check plumbing codes for proper supply line sizing. Recommended minimum store manifold pressure to be 6" W.C. for natural gas and 11" W.C. for L.P. gas. Check plumbing codes for proper supply line sizing to attain burner manifold pressure of 3.5" W.C. natural or 8.25" W.C. L.P.

**CLEARANCE INFORMATION**

A minimum of 24" (61 cm) should be provided at the front of the unit for servicing and proper operation, and 6" (15.2 cm) between the sides and rear of the fryer to any combustible material.

Model # \_\_\_\_\_  
CSI Section 11400

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