



# RE Electric Fryers

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

RE Electric Fryers

## Models

- |                                 |                                   |                                 |                                   |                                 |                                   |
|---------------------------------|-----------------------------------|---------------------------------|-----------------------------------|---------------------------------|-----------------------------------|
| <input type="checkbox"/> RE14   | <input type="checkbox"/> RE14TC   | <input type="checkbox"/> RE17   | <input type="checkbox"/> RE17TC   | <input type="checkbox"/> RE22   | <input type="checkbox"/> RE22TC   |
| <input type="checkbox"/> RE14-2 | <input type="checkbox"/> RE14-2TC | <input type="checkbox"/> RE17-2 | <input type="checkbox"/> RE17-2TC | <input type="checkbox"/> RE22-2 | <input type="checkbox"/> RE22-2TC |



RE14

Shown with optional CM3.5 controller and casters

## Standard Features

- 14 kw, 17 kw or 22 kw input
- Open frypot (full or split) design -- easy to clean
- Proprietary, self-standing, swing-up, flat-bar, low-watt density, long-life heating elements\*
- Robust, RTD 1° compensating temperature probe.
- RE14/RE17/RE22 -- Analog\*\* controller
- RE14TC/RE17TC/RE22TC -- CM3.5 controller
- Melt cycle and boil out mode
- Deep cold zone with 1-1/4" (3.2 cm) IPS, full-port, ball-type drain valve for full frypots; 1" IPS full-port ball-type drain valve for split frypots
- 2 twin fry baskets
- 8-1/2" (22 cm) adjustable legs

### Full Frypot

- 50-lb. (25 liter\*\*\*) oil capacity
- 14/17/22 kw
- Frying area 14" X 15-1/2" (35.6 x 39.4 cm)

### Split Frypot

- 25-lb. (12 liter\*\*\*) oil capacity
- 7/8.5/11 kw
- Frying area 6-3/4" x 15-1/2" (17.1 x 39.4 cm)

\*Lift handle not available on 22 kw split pot assembly.  
\*\*Not available for CE. Digital controller standard for CE.  
\*\*\*Liter conversions are for solid shortening @70°F..

## Options & Accessories

- ☐ Split frypots
- ☐ Stand-alone spreader cabinet
- ☐ RE Controllers: CM3.5, SMART4U® 3000, Digital. RETC -- no controller options
- ☐ Automatic basket lifts (units with basket lifts require casters and CM3.5 or 3000 controller to be purchased also)
- ☐ Frypot cover
- ☐ Casters
- ☐ Full basket
- ☐ Triplet basket
- ☐ Crisper tray
- ☐ Sediment tray
- ☐ Splash shield
- ☐ Top connecting strip

## Specifications

### Specifically designed for high-volume frying and controlled performance

Frymaster's proprietary self-standing, swing-up elements and precise controls ensure industry-leading energy efficiency with ASTM ratings greater than 83%, far exceeding ENERGY STAR® qualification standards and qualify these fryers for energy-saving rebates.

The thermostat, mounted on the elements, ensures precise temperature readings. The thermostat system minimizes temperature overshoot maximizing oil life.

The large cold zone and forward sloping bottom help collect and remove sediment from the frypot to safeguard oil quality and support routine cleaning. A rear flush feature moves sediment to the front drain valve for easy and thorough removal.

These models will accommodate additional accessories including CM3.5 controller (standard on TC models) and automatic basket lifts. The fryer cabinet can include an additional spreader cabinet with an optional heat lamp and holding station.

The TC model electric fryers have advanced electronic switching devices which pulse the amount of energy required to the electric elements in much smaller increments than traditional on/off electrical contactors or gas controls. The result: greater reliability and more precise temperature control. These models also have an insulated frypot which can reduce standby energy consumption by an additional 10%, and they come standard with the CM3.5 controller which ensures pinpoint accuracy of oil temperature and adjusts cooking time for consistent high-quality production.



RE fryers meet ENERGY STAR® guidelines for high efficiency, and all RE fryers are part of the Manitowoc EnerLogic® program.

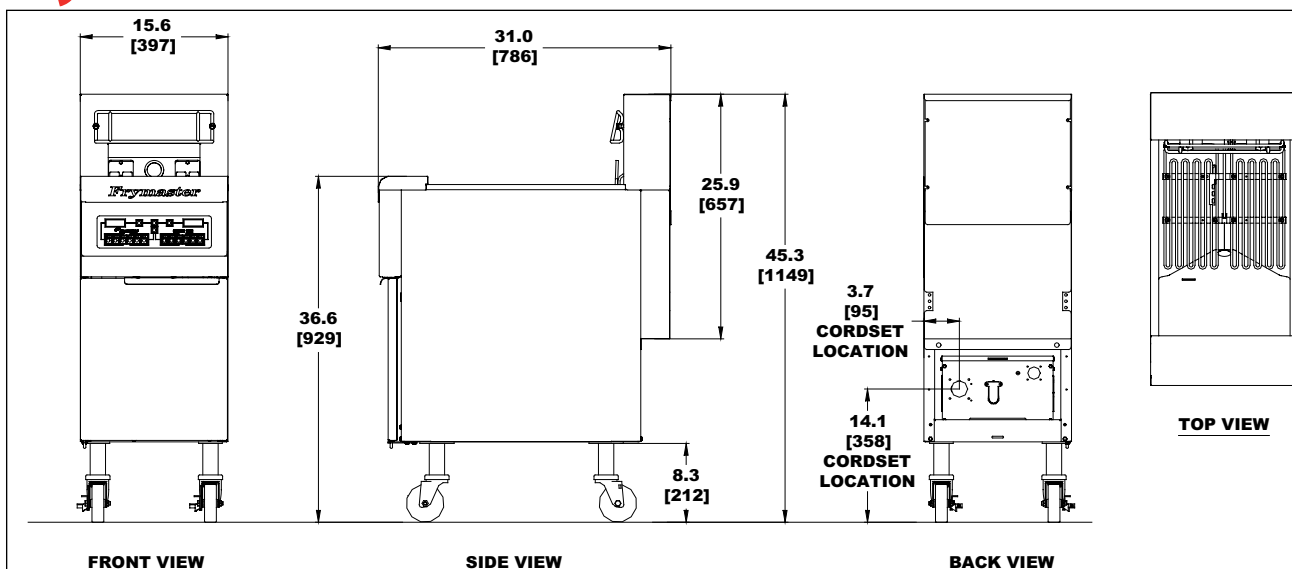


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Revised 2/13/15





### DIMENSIONS

MODEL NO.	OIL CAPACITY	OVERALL SIZE (cm)			NET WEIGHT	DRAIN HEIGHT	SHIPPING INFORMATION					
		WIDTH	DEPTH	HEIGHT			WEIGHT	CLASS	CU. FT.	DIMENSIONS (cm)		
RE14/17/22 RE14/TC/17TC/22TC RE14-2/17-2/22-2 RE14-2TC/17-2TC/22-2TC	50 lb (25 liter) 25 lb. (12 liter)	15-5/8" (39.7)	31"* (78.6)	45-3/8"* (115.2)	150 lbs. (68 kg)	11-7/8" (29.9 cm)	190 lbs. (86 kg)	85	21.31	W 22" (55.9)	D 36" (91.4)	H 46-1/2" (118.1)

\*without basket lifts

### POWER REQUIREMENTS

BASIC DOMESTIC	kw	ELEMENTS/FRYPOT			CONTROLS/FRYPOT	BASKET LIFTS/FRYPOT
		VOLTAGE	3 PHASE*	1 PHASE**		
RE14 RE14TC***	14	208V 240V 480V	39 A 34 A 17 A	67 A 58 A N/A	1 A 1 A 120V 1 A	2 A 2 A 120V 3 A
RE14-2 RE14-2TC***	7	208V 240V 480V	48 A 41 A 21 A	82 A 71 A N/A	1 A 1 A 120V 1 A	2 A 2 A 120V 3 A
RE17 RE17TC***	17	208V 240V 480V	48 A 41 A 21 A	82 A 71 A N/A	1 A 1 A 120V 1 A	2 A 2 A 120V 3 A
RE17-2 RE17-2TC***	8.5	208V 240V 480V	48 A 41 A 21 A	82 A 71 A N/A	1 A 1 A 120V 1 A	2 A 2 A 120V 3 A
RE22 RE22TC***	22	208V 240V 480V	61 A 53 A 27 A	106 A 92 A N/A	1 A 1 A 120V 1 A	2 A 2 A 120V 3 A
RE22-2 RE22-2TC***	11	208V 240V 480V	61 A 53 A 27 A	106 A 92 A N/A	1 A 1 A 120V 1 A	2 A 2 A 120V 3 A
BASIC EXPORT & CE						
RE14 RE14TC	14	220V/380V 230V/400V 240V/415V	22 A 21 A 20 A	N/A	1 A 1 A 1 A	2 A 2 A 2 A
RE14-2 RE14-2TC	7	250/430V****	20 A	N/A	1 A	2 A
RE17 RE17TC	17	220V/380V 230V/400V 240V/415V	26 A 25 A 24 A	N/A	1 A 1 A 1 A	2 A 2 A 2 A
RE17-2 RE17-2TC	8.5	250/430V****	25 A	N/A	1 A	2 A
RE22 RE22TC	22	220V/380V 230V/400V 240V/415V	34 A 32 A 31 A	N/A	1 A 1 A 1 A	2 A 2 A 2 A
RE22-2 RE22-2TC	11	250/430V****	32 A	N/A	1 A	2 A

\*3 PH/3 Wire/Plus Ground Wire.

\*\*1 PH/2 Wire/Plus Ground Wire.

\*\*\*TC models not available in 480V.

\*\*\*\*Australia filter models only -- when operating at 250V, elements will be rated at approximately 15.2/18.5/23.9 kw.

### NOTES

- TC models not available in 480V.
- One cord is provided per full and dual split frypot on 3 phase 14 kw and 17 kw models.
- Cord is provided on 3 phase units with exception of items in red (see chart on left).
- Plug is optional accessory on units shipping with cord. Canada is an exception and cords, where available, must have a plug attached.
- Optional plug -- (Domestic NEMA # 15-60P).
- All 22 kw and single phase units must be field wired. No cord or plug provided. Check electrical codes for proper supply line sizing.
- Controller, filter pump and basket lifts are powered by element voltages except for 480V fryers.
- All 480 volt models are provided with separate 120 volt cord and plug for filter pump, and/or controller, and/or basket lifts.

### CLEARANCE INFORMATION

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

### HOW TO SPECIFY

The following description will assist with ordering the features desired:

RE14	14 kw full frypot, analog controller
RE14TC	14 kw full frypot, triac controls, CM3.5 controller
RE14-2	14 kw split frypot, analog controller
RE14-2TC	14 kw split frypot, triac controls, CM3.5 controller
RE17	17 kw full frypot, analog controller
RE17TC	17 kw full frypot, triac controls, CM3.5 controller
RE17-2	17 kw split frypot, analog controller
RE17-2TC	17 kw split frypot, triac controls, CM3.5 controller
RE22	22 kw full frypot, analog controller
RE22TC	22 kw full frypot, triac controls, CM3.5 controller
RE22-2	22 kw split frypot, analog controller
RE22-2TC	22 kw split frypot, triac controls, CM3.5 controller

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Revised 2/13/15  
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