

RE Electric Fryers

Project _____
Item _____
Quantity _____
CSI Section 11400 _____
Approval _____
Date _____

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 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.
- CM3.5 controller
- Stainless steel frypot, door and cabinet
- 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.
 **Liter conversions are for solid shortening @70°F.

Options & Accessories

- Split frypots
- Stand-alone spreader cabinet
- RE Controllers: Digital or SMART4U® 3000 RETC -- no controller options
- Automatic basket lifts (Units with basket lifts require casters. Must have CM3.5 or 3000 controllers.)
- 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.

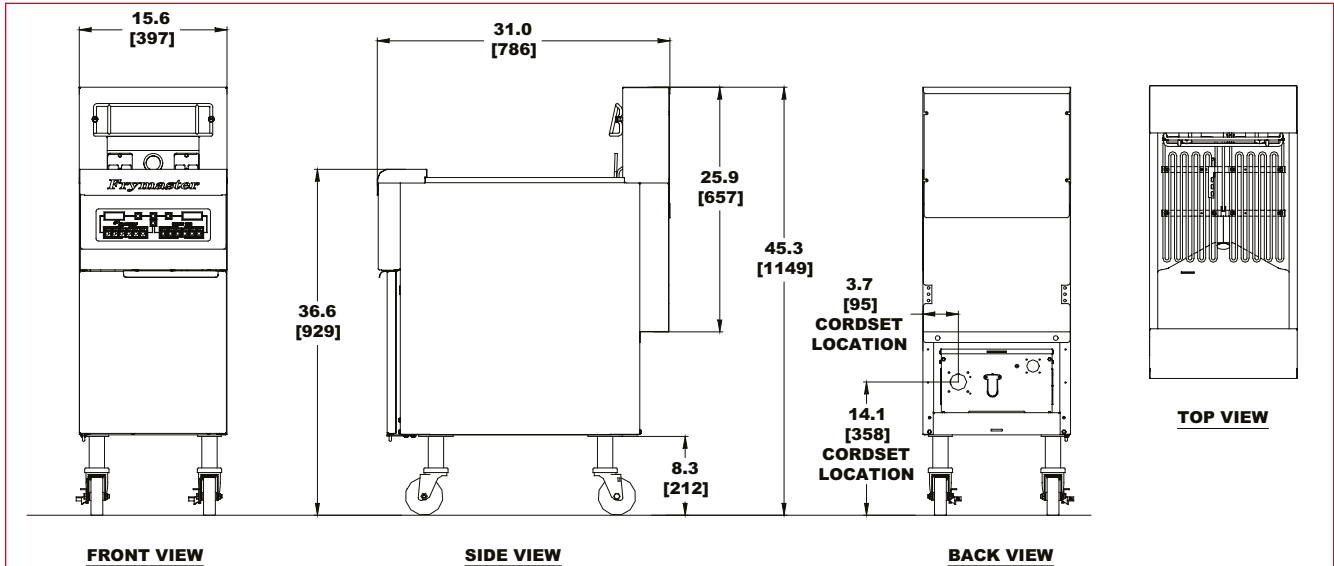
These models will accommodate additional accessories including SMART4U® 3000 controller (not available on TC models) and automatic basket lifts. The fryer cabinet can include an additional spreader cabinet with an optional heat lamp and holding station.

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.





DIMENSIONS

| MODEL NO. | OIL CAPACITY | OVERALL SIZE (cm) | | | NET WEIGHT | DRAIN HEIGHT | **APPROXIMATE SHIPPING INFORMATION | | | | | |
|---|----------------------|-------------------|----------------|---------------------|---------------------|----------------------|------------------------------------|-------|---------|--------------------|--------------------|---------------------|
| | | WIDTH | DEPTH | HEIGHT | | | WEIGHT | CLASS | CU. FT. | DIMENSIONS (cm) | | |
| RE14/17/22 RE14-2/17-2/22-2 | 50 lb (25 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 | 25 | W 22" (55.9) | D 36" (91.4) | H 54" (137.2) |
| RE14/TC/17TC/22TC RE14-2TC/17-2TC/22-2TC | 25 lb. (12 liter) | | | | | | 214 (97 kg) | | | | | |

*without basket lifts

**Information is APPROXIMATE and may vary at time of shipment due to options/add-ons per customer request.

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 | | | | | |
| 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 | | | | | |
| 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 | | | | | |
| BASIC EXPORT & CE | | | | | | |
| RE14 RE14TC | 14 | 220V/380V 230V/400V | 22 A 21 A | N/A | 1 A 1 A | 2 A 2 A |
| RE14-2 RE14-2TC | 7 | 240V/415V ***250/430V | 20 A 20 A | | 1 A 1 A | 2 A 2 A |
| RE17 RE17TC | 17 | 220V/380V 230V/400V | 26 A 25 A | N/A | 1 A 1 A | 2 A 2 A |
| RE17-2 RE17-2TC | 8.5 | 240V/415V ***250/430V | 24 A 25 A | | 1 A 1 A | 2 A 2 A |
| RE22 RE22TC | 22 | 220V/380V 230V/400V | 34 A 32 A | N/A | 1 A 1 A | 2 A 2 A |
| RE22-2 RE22-2TC | 11 | 240V/415V ***250/430V | 31 A 32 A | | 1 A 1 A | 2 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, except 480V 3 phase units -- no plug is available. 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, CM3.5 controller
- RE14TC 14 kw full frypot, triac controls, CM3.5 controller
- RE14-2 14 kw split frypot, CM3.5 controller
- RE14-2TC 14 kw split frypot, triac controls, CM3.5 controller
- RE17 17 kw full frypot, CM3.5 controller
- RE17TC 17 kw full frypot, triac controls, CM3.5 controller
- RE17-2 17 kw split frypot, CM3.5 controller
- RE17-2TC 17 kw split frypot, triac controls, CM3.5 controller
- RE22 22 kw full frypot, CM3.5 controller
- RE22TC 22 kw full frypot, triac controls, CM3.5 controller
- RE22-2 22 kw split frypot, CM3.5 controller
- RE22-2TC 22 kw split frypot, triac controls, CM3.5 controller

RE Electric Fryers

8700 Line Avenue
Shreveport, LA 71106-6800
USA

Tel: 318-865-1711
Tel: 1-800-221-4583
Fax: 318-868-5987
E-mail: info@frymaster.com

www.frymaster.com
Bulletin No. 818-0468
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