High Volume Pressure Fryers

PFE 591 Electric



PFE 591 high volume electric pressure fryer

Henny Penny first introduced commercial pressure frying to the foodservice industry more than 50 years ago. Frying under pressure enables lower cooking temperatures for longer oil life and faster cooking times to meet peak demand. Pressure also seals in food's natural juices and reduces the amount of oil absorbed into product.

Today, Henny Penny pressure fryers continue to lead the industry in performance, durability and innovation.

The Henny Penny PFE 591 is the only electric pressure fryer on the market that cooks up to 24 lb (11 kg) of food in a single load. For higher volume operations, that can mean significant savings in time, labor, frying oil, energy and maintenance compared to an equivalent capacity of smaller pressure fryers from other manufacturers.

Powerful, high efficiency immersed heating elements generate fast temperature recovery without sacrificing energy savings. Large loads are cooked evenly and handled easily with the patented counterbalance lift system.

Henny Penny pressure fryers have a built-in filtration system that filters and returns hot frying oil in minutes. No separate pumps and pans, no handling hot oil.

The Computron[™] 8000 control features automatic, programmable operation, as well as energy-saving, filtration and cook management functions.

Standard Features

- Patented counter-balanced lid lift and lock system for easy loading and unloading
- Heavy-duty stainless steel fry pot with 7-year warranty
- Rectangular fry pot design promotes turbulence for even cooking
- Fry pot is fully insulated for energy efficient operation
- High-efficiency heating elements generate fast recovery and energy savings
- Cold zone below heating elements helps extend oil life
- High-limit temperature protection
- Lid remains in locked position until pressure reaches 1 psi
- Built-in filtration system

- Raised edge on deck reduces spills
- Stainless steel construction for easy-cleaning and long life
- · 4 heavy-duty casters, 2 locking
- Computron[™] 8000 control
 - 10 programmable cook cycles
 - Melt mode
 - Idle mode
 - Clean-out mode
 - Water detection alert
 - Load compensation
 - Proportional control
 - Optional filter prompt and customizable filter tracking
 - 16-character digital display with multiple language settings

Accessories shipped with unit

- Loading carrier
- Basket configuration, choose one:
 - ☐ Full basket—4 flat wire baskets, 1 wire rack cover, rack handle
 - ☐ Half-size rack—4 wire racks,
 - 1 wire rack cover, rack handle
- · Stirrer and drain clean-out rod
- Max filter screen and 2 PHT filter envelopes

Accessories and options available separately

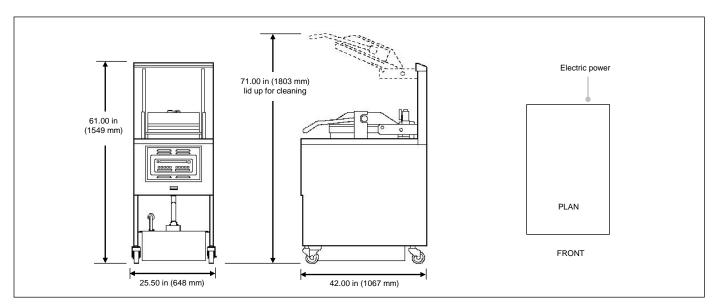
- ☐ Direct Connect shortening disposal
- ☐ Fryer Shortening Shuttle®
- ☐ Filter rinse hose
- ☐ Filter pan dolly
- ☐ Supersorb filter pad

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Dimensions

Height 61.00 in (1549 mm) to top of stack Height 71.00 in (1803 mm) with lid up

Width 25.50 in (648 mm) 42.00 in (1067 mm) Depth

Crated

Length 46 in (1168 mm) Depth 30 in (762 mm) Height 70 in (1778 mm) Volume 56 ft³ (1.6 m^3) Weight 758 lb (344 kg)

Required clearances

Top 10 in (254 mm) lid up to clean Sides 6 in (152 mm) air flow Back 6 in (152 mm) air flow (965 mm) remove filter pan 38 in Front

Electrical

Volts	Phase	Hertz	kW	Amps	Wire*
200	3	50 or 60	17.0	49.0	3+G
208	3	60	17.0	47.2	3+G
240	3	60	17.0	40.9	3+G
380	3	50	17.0	25.8	3NG
400	3	50	17.0	24.6	3+G
415	3	50	17.0	23.7	3NG
480	3	60	17.0	20.5	3+G

Laboratory certifications



*Power cord and plug must be installed on site by a qualified electrician.

Continuing product improvement may subject specifications to change without notice.

24 Hour Technical Support: Henny Penny Technical Service 800.417.8405 technicalservices@hennypenny.com

Pressure

Operating pressure 12.0 psi Safety valve setting 14.5 psi

4 immersed elements 4.25 kW each/17.0 kW total

Capacity

Product 24 lb (11 kg)/8 head chicken 100 lb or 51 L

Bidding specifications

Provide Henny Penny model PFE 591 high-volume electric pressure fryer, 24 lb (11 kg)/8-head chicken capacity per load, with built-in filtration system.

- Unit shall incorporate:

 Computron 8000 control system with programmable or manual operation, LED digital display, idle and melt modes, load compensation, filtration tracking and 7-day history
- Fry pot of heavy duty stainless steel with 7-year
- · Patented counter-balanced lid lift and lock system to seal and create and maintain 12 psi pressure in cooking chamber
- · 4 heavy-duty casters, 2 locking



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