



# HD65G Series Gas Fryer

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

HD65G Series Gas Fryer

## Models

- |                                  |                                 |                                 |
|----------------------------------|---------------------------------|---------------------------------|
| <input type="checkbox"/> HD165G* | <input type="checkbox"/> HD365G | <input type="checkbox"/> HD565G |
| <input type="checkbox"/> HD265G  | <input type="checkbox"/> HD465G | <input type="checkbox"/> HD665G |

\*Matching cabinet required for optional filtration.



FPH265G  
Shown with optional computers, filtration and casters

## Standard Features

- 100-lb. (50 liter) frypot oil capacity, 6" cooking depth
- 125,000 Btu/hr input
- High efficiency Thermo-Tube design
- Thermatron® solid state controls (120V required)
- Stainless steel frypot, front, door and sides
- Stainless steel, over-the-flue basket hanger and 2 fry baskets: 6-1/2" x 8-3/4" x 17" (15 x 22 x 43 cm)
- Single frypot fryer rear gas manifold is 3/4" and multiple frypot fryer rear gas manifold is 1"
- 3/4" NPT gas connection (single units)
- Wide cold zone
- Low-profile 43" unit height
- 6" (15 cm) adjustable steel legs

## Options & Accessories

- Compu-Fry computer
- CM4-S segmented computer
- Super Cascade built-in oil filtration system with stainless steel screen filter
- Matching cabinet and dump station available with and without filtration
- Electronic ignition for effort-free lighting (recommended on all models)
- Automatic melt cycle
- Boil-out mode
- Frypot covers
- Splash guard
- Oil disposal plumbing
- Frypot washdown plumbing
- 11" topcap available with or without integral marine edge
- Casters

## Specifications

### High Production, High Efficiency, Gas, Tube-Type Fryer Designed For High Volume Frying and Maximum Fuel Efficiency

Satisfy customers with consistently great-tasting foods. The HD65G large capacity fryers have a 100-lb. (50 liter) frypot oil capacity, and a cooking depth of 6" (152 mm). These fryers are specifically designed to fry bone-in chicken, other breaded products, and menu items requiring larger frying area.

Maximize your profits and make the most of your energy dollars with innovative design changes that have improved the efficiency of the Decathlon Fryers over 30%. Dean's exclusive Thermo-Tube design heating tubes have durable, stainless steel flow tube baffles, which efficiently transfer the fryer's 125,000 Btu/hr (31,486 kcal/hr) (37 kW) energy input to the surrounding oil. The energy is channeled into the oil, with less going unused up the vent. Attainment of set cooking temperature is rapid, yet controlled. This controlled heat-up minimizes oil breakdown, reduces idle costs and lowers gas consumption per pound of product cooked.

Utilizes precise temperature control during heat up and recovery to maintain oil life and safeguard the quality of the foods being cooked. Dean's Thermatron solid state controls assure pinpoint accuracy of oil temperature (within plus or minus one degree) and allow the fryer to respond instantly to changes in load conditions.

The wide cold zone catches crumbs and sediment from the frying area. These particles are trapped in the cold zone where they do not carbonize, contaminate shortening or cling to fried foods. The bottom of the frypot is sloped toward the front and is equipped with a 1-1/2" (3.81 cm) full port drain valve and 3" (7.61 cm) drain line, allowing quick oil and sediment draining.

Enjoy lasting satisfaction. Dean fryers achieve long and dependable life through simplicity of design. Durable stainless steel baffles and reliable, built-to-last high-efficiency burners keep maintenance to a minimum.

Build on Dean's versatility to "Fit the Way You Fry". Combine one or more units into a battery; add an optional built-in filtration system; or specify a computer to help assure product consistency.

Optional Super Cascade\*\*\* built-in filtration system is available. The system utilizes a 4 GPM (15 LPM) pump and has a 3" round drain, which makes filtering fast, safe, and convenient. An 8 GPM (30 LPM) pump option is available to further enhance the filtration process. Ease-of-use encourages frequent filtering, which maximizes oil life.

Compu-Fry and CM4-S computer controls are available as options that allow product specific cooking programming and premium control of oil temperatures and cooking curves. The CM4-S segmented computer is specially designed to provide the sensitivity needed for high volume, bone-in chicken. It offers 9 programmable cooking intervals per product key, "time to filter" notification, pre-programmed cooking curves and other features.



### FILTER CONFIGURATIONS\*\*



\*\*or between fryer 1 and 2 in all configurations.

\*\*\*Not available for HD165G.

5489 Campus Drive  
Shreveport, LA 71129  
USA

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

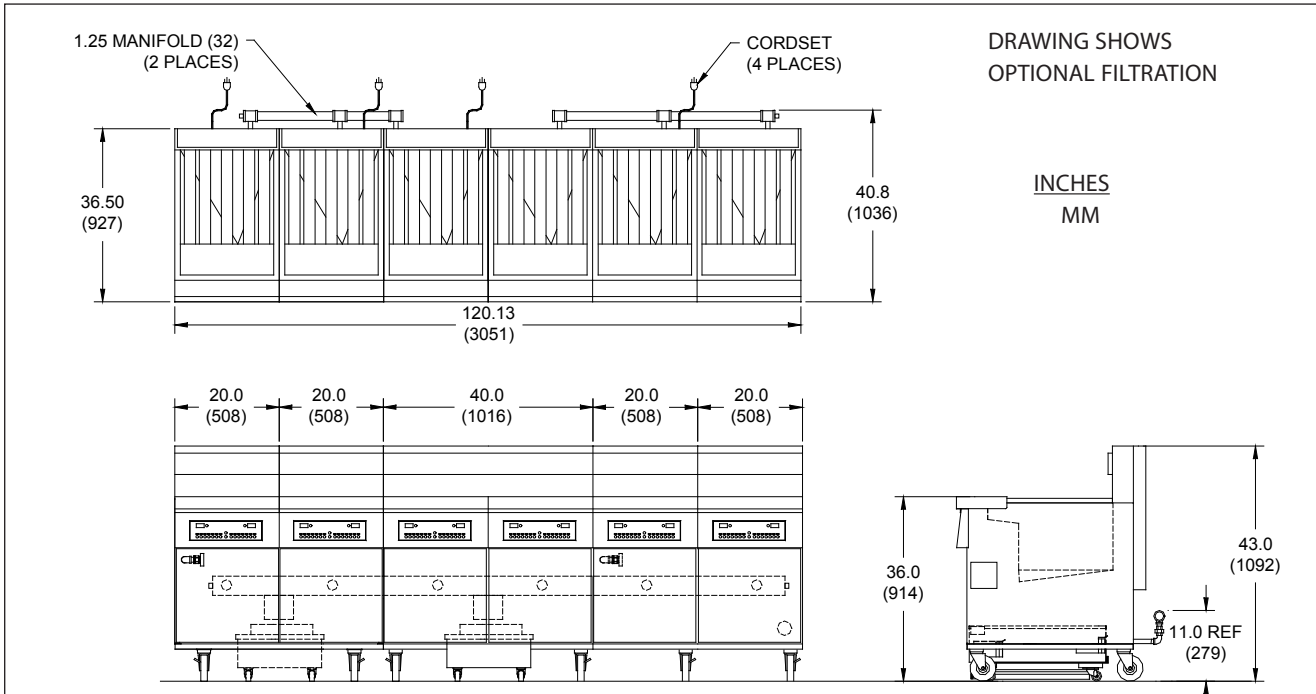
<http://dean.enodis.com>  
Bulletin No. 830-0094 10/09  
Litho in U.S.A. ©Frymaster





# HD65G Series Gas Fryer

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



DRAWING SHOWS  
OPTIONAL FILTRATION

INCHES  
MM

## DIMENSIONS Min./Max. Per Fryer Oil Capacity -- 100 lbs. (50 liters)

MODEL NO.	SIZE (mm)			DRAIN HEIGHT (mm)	NO. OF TUBES	FRYING AREA (cm)	SHIPPING INFO			DIMENSIONS (mm)		
	HEIGHT	WIDTH	DEPTH				WEIGHT	CLASS	CUBE	HEIGHT	WIDTH	DEPTH
HD65G	43" (1092)	20" (508)	36-1/2 (927)	12-1/2" (317.5)	5	18" x 18" (46 x 46)	335 lbs. (152 kg)	85	39.7 cu. ft.	55" (1397)	29" (737)	43" (1092)

## POWER REQUIREMENTS

	NATURAL OR LP GAS INPUT RATING	GAS CONNECTION	ELECTRICAL REQUIREMENT
Fryer	125,000 Btu/hr. (31,486 kcal/hr.) (36.6 kw)	3/4" N.P.T. regulator not required	120V/60~1ø - 3/5A
Fryer with Filter			120V/60~1ø - 14/16A needed on one cord

INTERNATIONAL VOLTAGES:  
220/230/250

## SHORT TERM SPECIFICATION

Shall be DEAN cool zone, deep fat, high efficiency fryer, Model \_\_\_\_\_. Only \_\_\_\_\_" (\_\_\_\_ cm) wide, 100 lb. (50 liters) oil capacity, requiring 125,000 BTU/hr. (31,486 kcal/hr.) (36.6 kW) natural or LP gas input (3/4" N.P.T. connection).

## NOTES:

### CLEARANCE INFORMATION

A minimum of 24" (610 mm) should be provided at the front of the unit for servicing and proper operation, and 6" (152 mm) between the sides and rear of the fryer to any combustible material.

POWER CORDS: On 1 to 2 battery units, 1 power cord supplied  
On 3 to 4 battery units, 2 power cords supplied  
On 5 to 6 battery units, 3 power cords supplied

### STANDARD ACCESSORIES

- 6" legs
- Rack-type basket support
- Basket hanger
- Two twin baskets or one full basket

5489 Campus Drive  
Shreveport, LA 71129  
USA

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

<http://dean.enodis.com>  
Bulletin No. 830-0094 10/09  
Litho in U.S.A. ©Frymaster

