

Heavy Duty Range Diamond Series 18" (457) Griddle Top and 18" (457) Hot Top



Model IHR-G18-1HT shown with stainless steel sides, backguard and shelf

Heavy Duty Range Features

- Sleek European styling with wide radius ledge and optional high shelf, unique cast aluminum knobs featuring a vylox heat protection grip.
- Stainless steel front, oven door, control panel, landing ledge and kick plate.
- Large 7" (178) stainless steel landing ledge.
- Enclosed front 1 1/4" (32) manifold.
- 6" (152) heavy duty legs, with adjustable feet.
- One year parts and labor warranty.
- AGA and CGA design certified, NSF and CE listed.



All measurements in () are metric equivalents.

Model Numbers

- ☐ IHR-G18-1HT
- ☐ IHR-GT18-1HT
- ☐ IHR-G18-1HT-C
- ☐ IHR-GT18-1HT-C

Cook Top Features - Griddle Top

- 1" (25) thick steel polished griddle plate 36" w x 24" d (914 w x 610 d).
- One burner every 12" (305), rated at 30,000 BTU/hr (9 kw) ea.
- Manual griddle controls or thermostatic griddle controls ("GT36" models).
- Large grease can with one gallon capacity.
- 3 3/4" (95) wide grease gutter.
- Burner has standing pilot for automatic ignition.

Cook Top Features - Hot Top

- Two heavy duty polished tops 18" w x 28" d (457 w x 711 d).
- One burner every 18" (457), rated at 40,000 BTU/hr (12 KW).
- Manual controls for each burner.

Standard Oven Features

- Chef Depth standard oven interior accommodates standard 18" x 26" (457 x 660) sheet pans front-to-back and side-to-side.
- 100% safety pilot. Manual oven shut-off valve.
- Oven controls located on the side in cool zone.
- Heavy duty thermostat with temperature range from 150°F to 500°F. (65°C to 260°C).
- Porcelainized side, rear and deck for better browning.
- Unique baffle above the burner distributes heat flow to provide even cooking temperatures throughout the 40,000 BTU/hr. (12 KW) oven.
- Stainless steel door liner optimizes heat retention.
- Safety valve tubing is stainless steel.

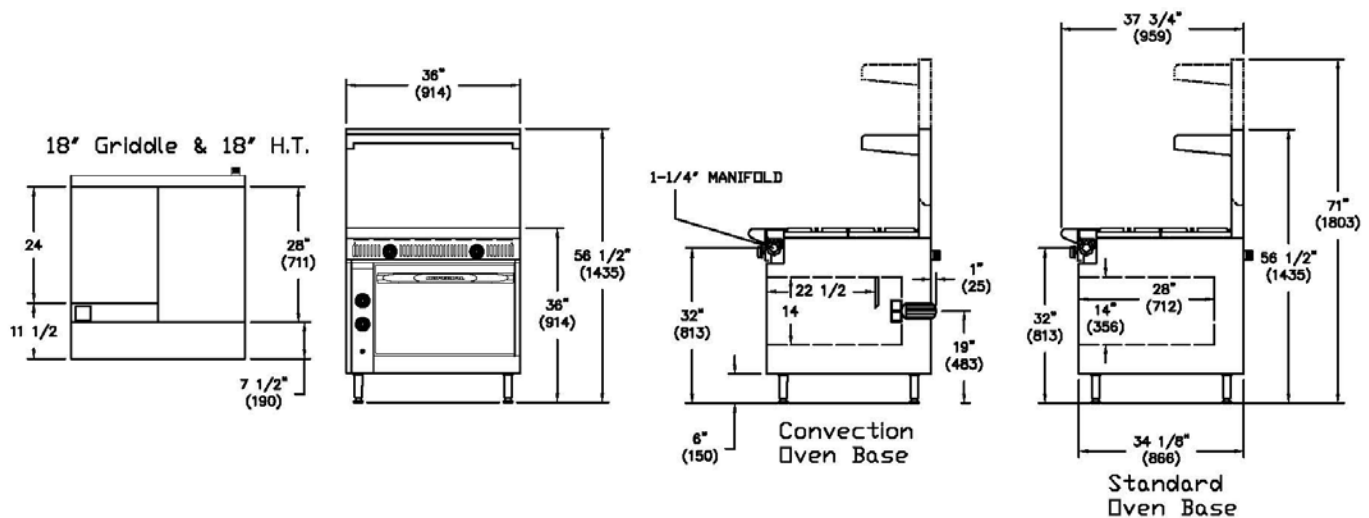
Convection Oven Features (add suffix C)

- Convection oven has 1/4 hp blower motor.
- Electronic ignition system with single solenoid valve. Direct spark-to-burner with flame rectification.
- Stainless steel door gasket.
- Three position switch for cooking or cool down.
- Burner "ON" indicator light and one hour manual timer. Fan shuts off automatically when door is open.

Imperial Commercial Cooking Equipment

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Imperial Heavy Duty Range - 18" (457) Griddle Top and 18" (457) Hot Top



Model#	Griddle	Description	Hot Top	Oven	Width	Depth	Height*	Total BTU	Total (KW)	Ship Wt. (Kg.)	Lbs.
IHR-G18-1HT	Manual	18" (457)	Standard	Standard	36" (914)	37 1/2" (953)	36" (914)	110,000	(32)	(278)	615
IHR-G18-1HT-C	Manual	18" (457)	Convection	Convection	36" (914)	37 1/2" (953)	36" (914)	105,000	(31)	(306)	675
IHR-GT18-1HT	Thermostatic	18" (457)	Standard	Standard	36" (914)	37 1/2" (953)	36" (914)	110,000	(32)	(278)	615
IHR-GT18-1HT-C	Thermostatic	18" (457)	Convection	Convection	36" (914)	37 1/2" (953)	36" (914)	105,000	(31)	(306)	675

*Height to cooking surface. All measurements in () are metric equivalents.

Crated Dimensions: 39" (991) d x 40" (1016) w x 38 1/2" (978) h.

Standard Exterior Specifications

Front oven door, wide radius landing ledge, control panel and kick plate shall be constructed of stainless steel with welded and finished stainless steel seams. Base shall be 10 gauge steel. Control knobs shall be cast aluminum with vylox grip. Stainless steel 6" (152) legs shall have a 2 1/2" (64) diameter with adjustable feet and a 5/8" (16) mounting plate.

Griddle Top Specifications

Griddle burner shall be 30,000 BTU/hr. (9 KW) "U" type located every 12" (305) for even cooking. Each burner shall have one adjustable gas valve and one standing pilot. Aeration baffles shall be installed between burners and a full width rear flue shall be included to ensure a uniform griddle surface temperature. Griddle plate shall be 1" (25) thick, highly polished plate with no breaking-in required. Griddle plate shall be 24" (610) deep. Unit shall have a stainless steel 4" (102) high tapered splash guard. Grease trough shall be 3 3/4" (95) wide for easy cleaning. Removable grease can shall have a 1 gal. (3.8 L) capacity and a weep hole to indicate when can is full.

Hot Top Specifications

Hot top burner shall be 40,000 BTU/hr. (12 KW) "U" type located every 18" (457) for even cooking. Burners shall be individually controlled. Each burner shall have one adjustable gas valve and one standing pilot. Aeration baffles shall be installed between burners and a full width rear flue shall be included to ensure a uniform surface temperature. Hot top plate shall be 1" (25) thick, highly polished plate with no breaking-in required. Hot top plate shall be 28" (711) deep x 18" (457) wide.

Standard Oven Specifications

Oven shall have 12 gauge construction with welded front frame. It shall be fully insulated with non-sag fiberglass. The oven interior sides, rear and deck shall be porcelainized for easy cleaning and better browning. Door lining shall be stainless steel. Oven burner shall provide 40,000 BTU/hr. (12 KW) output. Unique baffle above the burner shall distribute heat flow to provide even cooking temperatures throughout the oven. Unit shall have a 100% safety pilot.

Standard Oven Specifications continued

One heavy duty locking chrome plated rack shall be included. Thermostat controls shall be adjustable from 150°F to 500°F (65°C to 260°C). Oven interior dimensions shall be 26 1/2" w x 28" d x 14" h (673 w x 711 d x 356 h) to accommodate sheet pans front-to-back.

Convection Oven Specifications

Oven shall have 12 gauge construction with welded front frame. It shall be fully insulated with non-sag fiberglass. The oven interior sides, rear and deck and shall be porcelainized. Oven burner shall provide 35,000 BTU/hr. (10 KW) output. Oven shall have an electronic ignition system with single solenoid valve and direct spark-to-burner with flame rectification. Thermostat controls shall be adjustable from 150°F to 500°F. (65°C to 260°C). Unit shall have a three position switch for cooking or cool down, a burner "ON" indicator light and one hour manual timer. Fan shall shut off automatically when door is open. Oven interior dimensions shall be 26 1/2" w x 22 1/2" d x 14" h (673 w x 572 d x 356 h). Three heavy duty locking chrome plated racks shall be included.

Gas: Manifold pressure is 5.0" W.C. for natural gas or 10.0" for propane gas. Manifold size 1 1/4" NPT. Specify type of gas and elevation if over 2000 ft. (610 m).

Clearance: For use only on non-combustible floors. Legs or casters are required for non-combustible floors; or 2" (51) overhang is required when curb mounted. Provide 0" clearance from non-combustible surfaces and 8" (203) from combustible surfaces.

Optional Items

■ Chrome plate ■ Extra chrome rack ■ Reinforcement channels for mounting cheese melter/salamander ■ Stainless steel single or double shelves (specify style) ■ Storage base unit (add suffix "-XB") ■ Gas pressure regulator ■ Rear gas connection ■ Gas shut off valve (specify size) ■ Quick disconnect and flexible gas hose ■ 6" (152) casters

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