

Встраиваемые индукционные блоки для удержания тепла RTCSmp GI-HO/IN 1800, GI-HO/IN 3200

Технические характеристики

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Россия +7(495)268-04-70

Казахстан +(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: gub@nt-rt.ru || сайт: <https://garland.nt-rt.ru/>

Garland Induction Built-in Heat Retaining Unit RTCSmp Install Hold-Line

Models

- GI-HO/IN 1800



Modular induction built-in concept consisting of:
Induction generator, 1-2 control switches and 1-4 heat retaining plates. Equipped with the latest RTCSmp (Realtime temperature control system) technology.

Standard Features

Induction generator:

A generator, developed specifically for heat retaining/holding, built in an aluminum enclosure, which includes an integrated air fan and connectors in the front of the housing, that are completely protected against impacts. All connections, such as mains cable, plugs for control units, coil connection and temperature sensors are accessible from the outside.

Fresh air is supplied by the fan, located at the bottom of the unit. The unit is also equipped with an air guiding system that directs the hot air out of the housing on its left and right side. With this system, a recirculation of exhausted air is not possible.

Heat retaining plate:

The heat retaining plate is equipped with the latest RTCSmp sensor technology which enables temperature controls in real-time. The set temperature is displayed via a 7-segment display underneath the Ceran glass. The heat retaining plate includes three (3) temperature sensors as well as the connectors for the coils and the sensors. Thanks to a space saving and compact design construction of the heat retaining plate, stand alone installations in shallow cabinets are possible.

Control unit:

The control switch consists of a chrome sheet metal cover with a built in power switch. The power switch is enclosed in polymer housing, with high resistance to external impacts. The control switch is connected with the generator via an RJ45 cable. The control unit regulates the temperature in an increment of 1°C and this from 122-212°F (50 to 100°C). The set temperature and the current temperature are shown via the 7-segment display that is located underneath the Ceran.

Safety above all:

RTCSmp electronic temperature control that monitors the state of the induction coil, power board, CPU and the Ceran glass temperature. RTCSmp monitors the energy supply

No Pan No Heat – Only if an induction suitable pan is located on the glass that energy will be consumed.

Optional Features

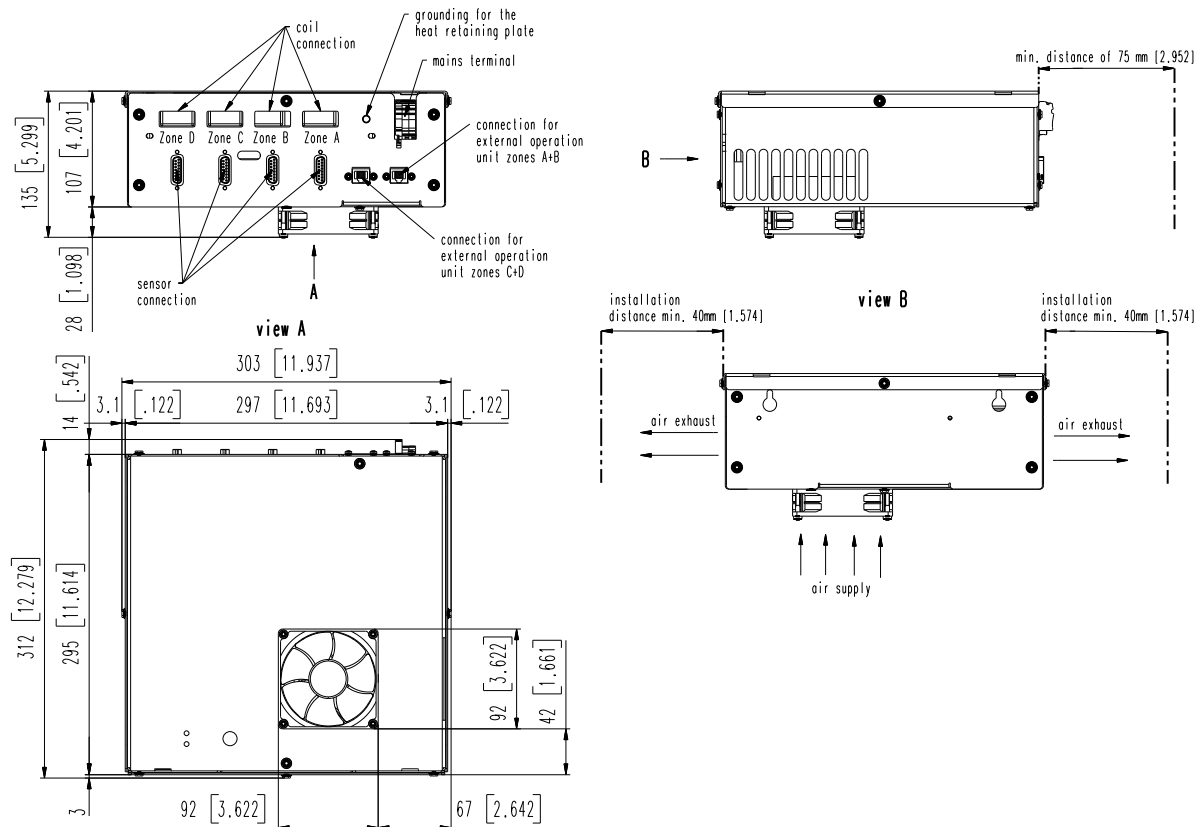
Optional induction ready holding pans available contact your dealer for sizes and prices.



CE models comply with the latest European Norms:
EN 60335-1, EN 60335-2-36, EN 62233 (EMC/EMV)

North American models:

ETL listed in compliance with UL 197, CSA C22.2 No.109, NSF-4
Complies with FCC part 18, ICES-001



Technical Data:

Generator housing:

11.93"x12.28"x5.31" (303x312x135 mm)

Wattage: 120V, 1Ph, 1800W, 15A

Air flow fan: 3390 ft³/h (96m³/h maximal)

Cut out for air supply: 9.30 sq. in (6000mm², at least)

Dimensions heat retaining plate:

12.68"x12.68"x2.95" (322x322x75 mm)

Least cut out:

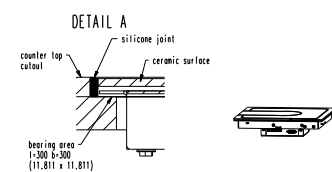
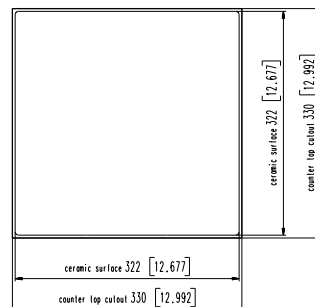
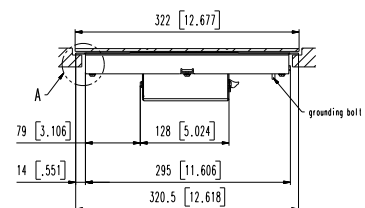
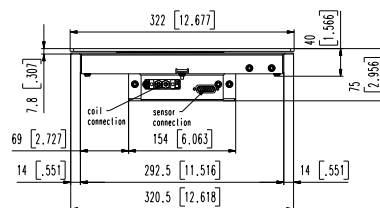
12.99"x12.99"x3.94" (330x330x100 mm)

Qty. of heat retaining plates: 1 - 4

Power per plate: 450W

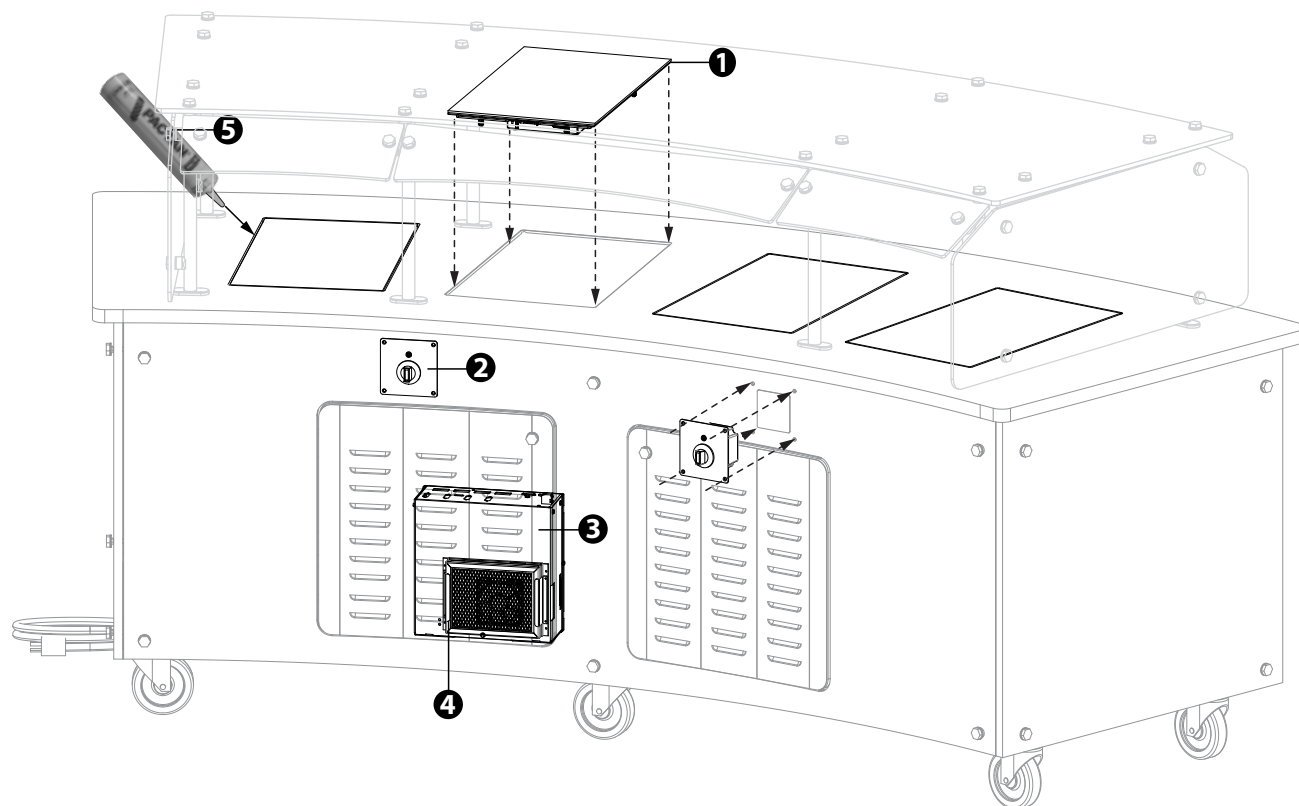
Ceran glass:

12.68"x12.68"x0.16" (322x322x4 mm)



Exploded View of a Typical Installation

(Shown below, HO/IN 3200.)



①	Heat Retaining Plate
②	Control Unit
③	Induction Generator
④	(NOT Provided) Air Intake filter and holder. See details in Typical Applications on page 16 .
⑤	(NOT Provided) PACTAN silicone sealant for installation. Part Number = 70000015

INSTALLATION CLEARANCE

Heat Retaining Plates:

See Item 11, Dimensions: Heat Retaining Plate with Flush Mount installation frame (Standard) on page 21

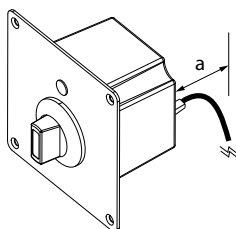
Or,

See Item 11, Dimensions: Heat Retaining Plate with Top Mount Installation Frame (Option) on page 22.

Induction Generator:

See Items 8 and 9, Dimensions: induction generator on page 23.

Control Unit:



Dimension a — minimum clearance for cable bend/ cable connection / service clearance

Dimension a = minimum 76mm [3"]

CONFIGURATIONS

One induction generator controls up to 4 heat retaining plates. One control unit controls up to 2 heat retaining plates. All possible configurations for each model are listed in the table below.

Model	Configuration
HO/IN 800	
HO/IN 1600	
HO/IN 2400	
HO/IN 3200	

ELECTRICAL SPECIFICATIONS

Model	Power	Voltage	Power Per Plate
HO/IN 3200	3200W 17A	208V 1Φ	800W
	3200W 15A	230V 1Φ	800W

OPERATING CONDITIONS

For the appliance to function properly, the following conditions must be maintained.

Maximum Tolerance of Nominal Supply Voltage	+6 /-10 %
Supply frequency	50/60 Hz
Ingress Protection class	IP X0 (Protection by customer is required.)
Maximum Ambient Temperature	In Storage, -20°C to +70°C (-4°F to +158°F)
	In Operation, +5°C to +40°C (+41°F to +104°F)
Maximum Relative Air Humidity	In Storage, 10% to 90%
	In Operation, 30% to 90%
Induction Generator, Maximum Fan Air Flow	96m³ per hour (56.50 cfm) Minimum opening for fresh air supply required: total sum of 6000mm² (9.30 square inches)
Set Temperature Range	Celcius: 50 to 100 degrees Fahrenheit: 122 to 212 degrees

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