

Induction RTCSmp Hold-Line Countertop and Built-In Heat Retaining Units

Parts List

Built-In Hold-Line Models

HO/IN 1500

HO/IN 450/900/1350/1800

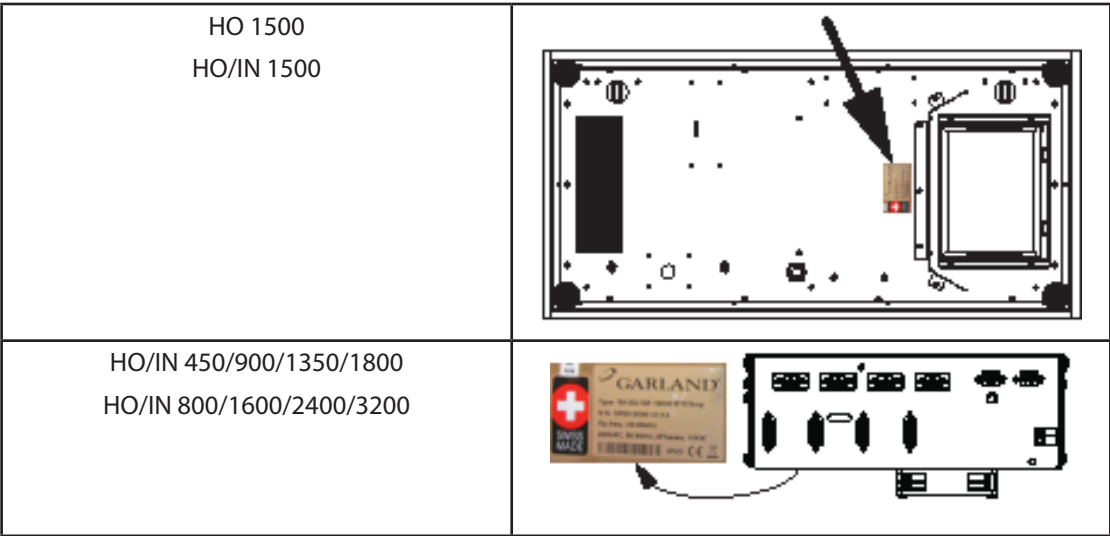
HO/IN 800/1600/2400/3200

Countertop Hold-Line Model

HO 1500



Rating Plate Location



Serial Number (S/N) Explained

The serial number of your unit is listed on the rating plate.

Example: IN 01 . 00014 . 1213

- Date Code: **MMYY**
- Sequential Number. See NOTE below.
- Last two(2) or three(3) digits of the product part number (Article Number) that can be found on the invoice and on the shipping slip.
- BA** = Base Line Series (Counter-top Glass Cook-tops)
- IN** = Built-In Series
- WO** = Counter Wok Series
- MO** = Module Line Series
- HO** = Hold Line Series
- GR** = Griddle Line Series

NOTE: non-RTCS / RTCS / RTCSmp models

- A non-RTCS/RTCSmp unit has a 4-Digit Sequence Number.
- A RTCS or RTCSmp unit has a 5-Digit Sequence Number.
- A RTCSmp unit is indicated as such on the Rating Plate.

Nomenclature and Models

Series	bUILT-IN	Power (Watt)	Models
HO = Hold Line	IN = Built-In Line	1500 1800 3200	HO/IN 1500 HO/IN 450/900/1350/1800 HO/IN 800/1600/2400/3200
		1500	HO 1500

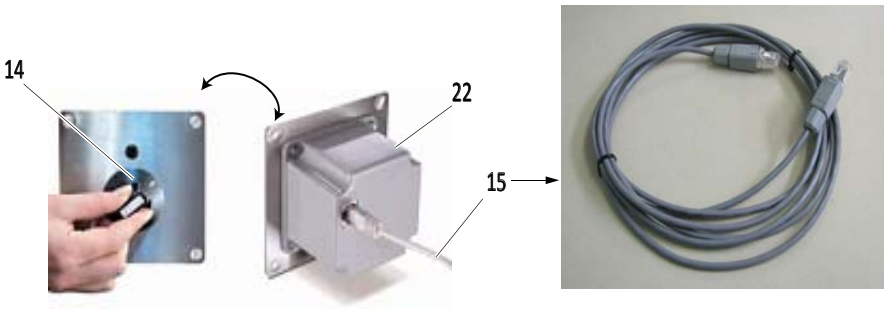
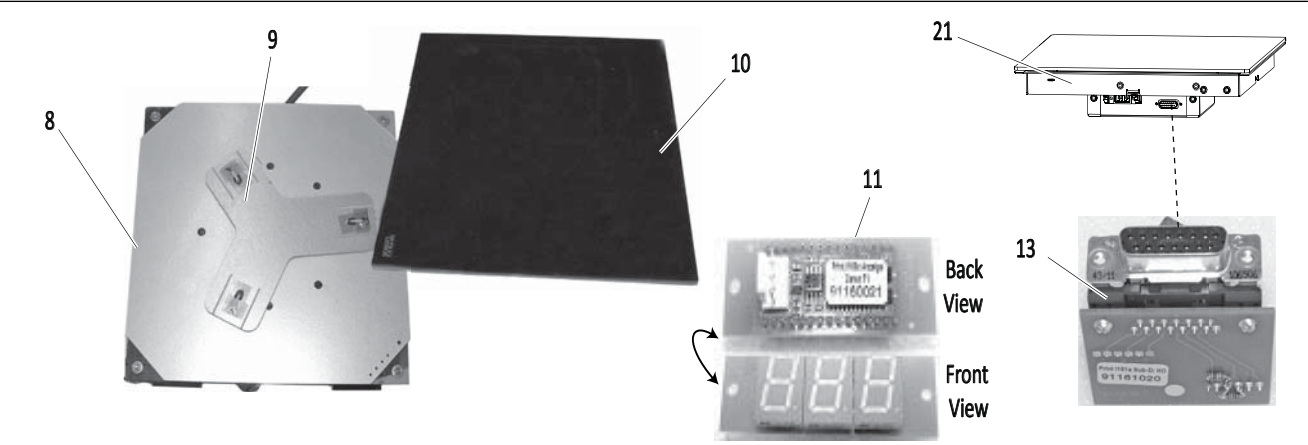
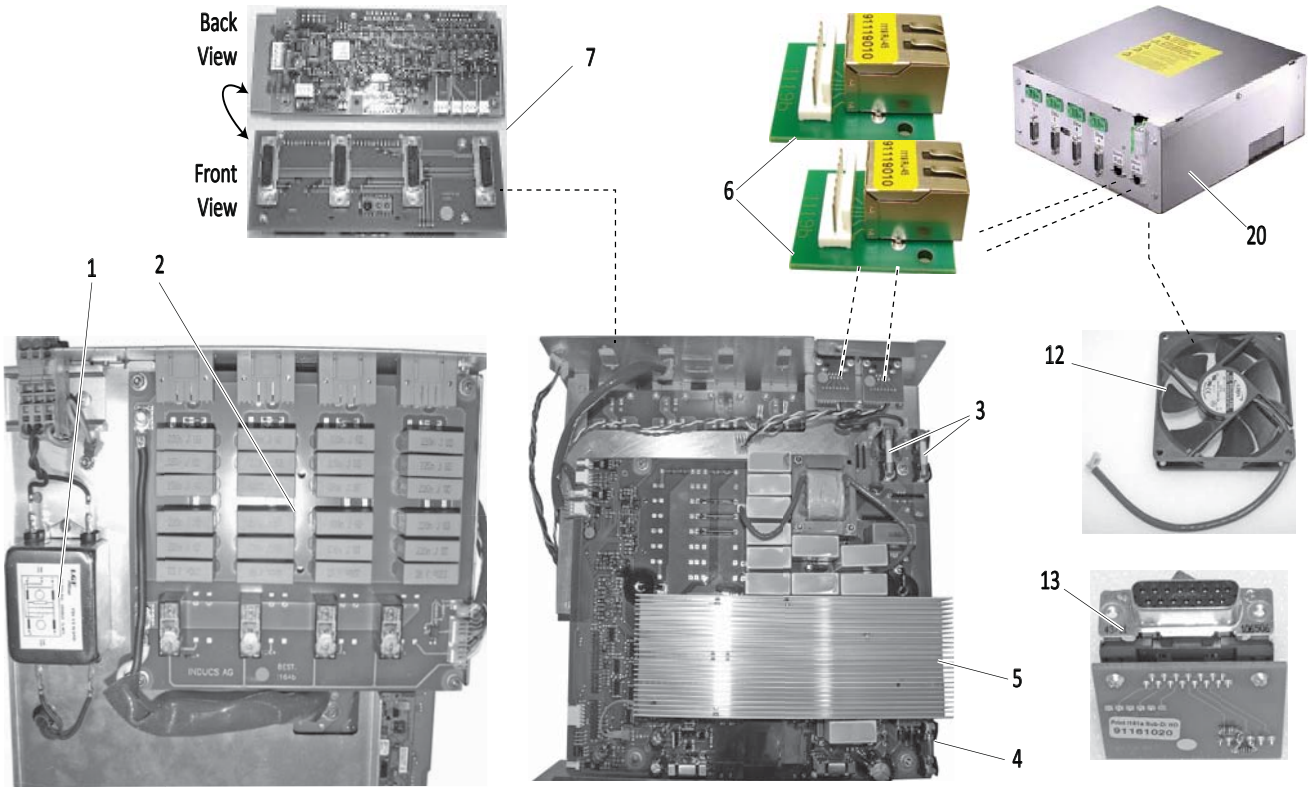
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REVISION HISTORY (Induction RTCSmp Hold-Line)

REV	MODEL or page/item	ITEM#	NOTES	DATE	BY
0	99620161, 99980061 99620142, 99980060 99620121, 99980044 99620101, 99980045		New Release	5-JUNE/14	HH
1			Updated - serial number info, repair accessories Checked art. nr., from our system QAD: 99980060, use 99620141 for 120V HO/IN1800. 99620142, use for 230V HO/IN1800. 99980061, use 99620161 for 208V HO/IN3200 99620162, use for 230V HO/IN3200	20-NOV/14	HH
	ALL 1.8 / 3.2 KW MODELS	15	Added photo for RJ45 cable 94900282. Other RJ45 cables used in other models are different.		
	P.5, P.7	13	Remove quantity as confusing. Qyt in description		
2	HO/IN 1800/ 3200	5	98021723 replaced by 98021762 / 1739/ 1763/ 1747	13-JUL/17	HH
	HO/IN 3200-GN P.7		Added notes on power module part#. No complete parts list for article no. 99620175		

Built-In Hold-Line HO/IN 450/900/1350/1800



Parts Breakdown - HO IN 1800 and 3200

Induction RTCSmp Built-In Hold-Line 1.8kW Models

models

HO/IN 450 (1 Generator, 1 Heat Retaining Plate, 1 Control)

HO/IN 900 (1 Generator, 2 Heat Retaining Plates, 2 Controls)

HO/IN 1350 (1 Generator, 3 Heat Retaining Plates, 2 Controls)

HO/IN 1800 (1 Generator, 4 Heat Retaining Plates, 2 Controls)

120V Induction Generator: 1.8kW 50/60Hz 1Phase 16A, Article No. 99620141

230V Induction Generator: 1.8kW 50/60Hz 1Phase 8A, Article No. 99620142

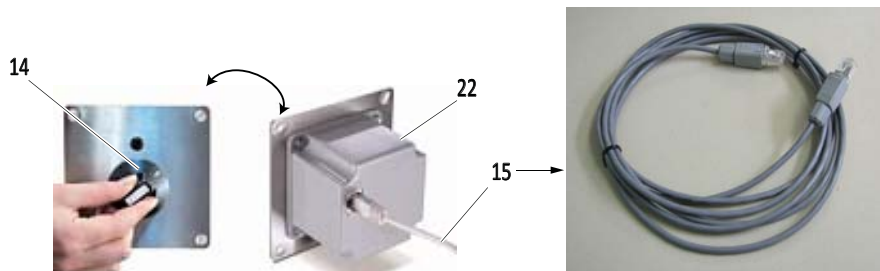
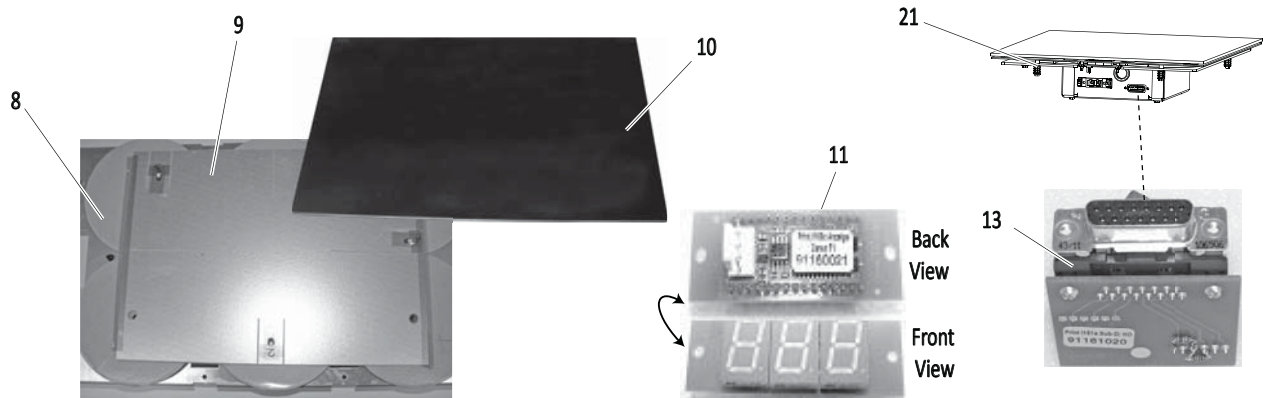
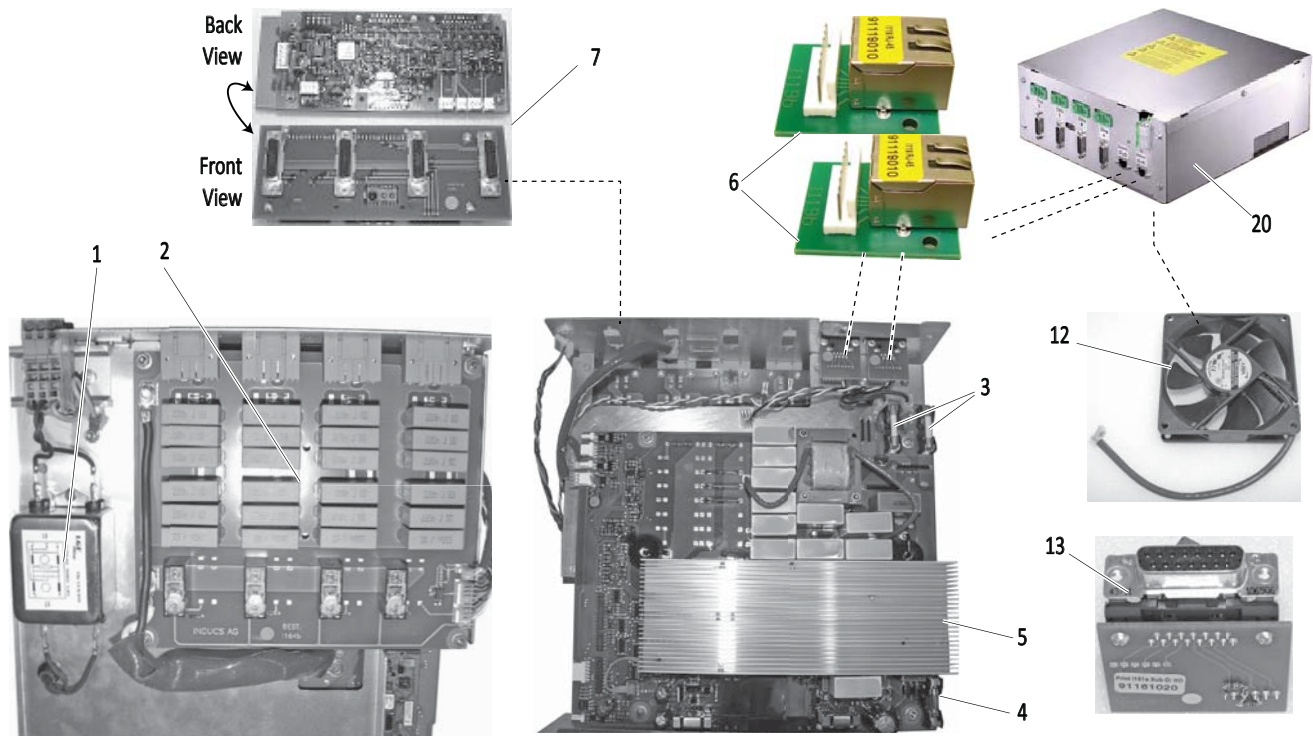
	Item	Description	Part Number	Qty		R/C*
				120V	230V	
	1	Mains Line Filter 16A - CSA	39311602	1	1	
	2	Capacitor Board (Print I164b 1-4 / 1.8kW, 120V)	91164030	1		
		Capacitor Board (Print I164b 1-4 / 1.8kW, 230V)	91164010		1	
	3	Fuse T15A	34120159	1	2	R/C
	4	Fuse T1A	34110019	1	1	R/C
^	5	Power Module, Complete (No parameters. Tech has to set parameters on site. Use 98021762 / 98021739).	98021723			
+		230V: Power Module, Complete with Parameters. HO/IN 1-4 1800 RTCSMP 230V 1N 1.8KW	98021762		1	R/C
+		120V: Power Module, Complete with Parameters. HO/IN 1-4 1800 RTCSMP 120V 1N, 1.8KW	98021739	1		R/C
	6	RJ-45 Print 119 (Quantity = 2)	91119010	2	2	R/C
	7	RTCSmp Hold-Line Board (Print I133) degree Fahrenheit	91133150	1		
		RTCSmp Hold-Line Board (Print I133) degree Celsius	91133100		1	
	8	Induction Coil #45.06, 120V	93045060	1		
		Induction Coil #45.04	93045040		1	
	9	Sensor Unit, Round Coil (3xPT1k)	94040130	1	1	R/C
	10	Upper Part with Ceran Glass, Hold-Line, 322 x 322mm, Up to 4 Heat Plates per unit.	98300121	1 TO 4	1 TO 4	
	11	Digital Display Board under Ceran Glass, Print I160c, One per Heat Plate	91160021	1 TO 4	1 TO 4	
	12	Axial Fan 24V DC	94090001	1	1	R/C
	13	Print I161a D-Sub, Hold-Line, Qty=4 per Generator, Qty=1 per Heat Plate	91161020			R
	14	Plastic Knob, Plain, One per Control, Up to 2 Controls per Unit.	39400004	1 TO 2	1 TO 2	R
	15	RJ-45 Connecting Cable, Connect Control to Generator, 3-meter, 1 per Operation Unit.	94900282	1 TO 2		R
		RJ-45 Connecting Cable, Connect Control to Generator, 3-meter, 1 per Operation Unit.	38602080		1 TO 2	R
	20	Complete Generator Asm., RTCSmp HO/IN 1800, 120V	99620141	1		
		Complete Generator Asm., RTCSmp HO/IN 1800, 230V	99980060		1	
	21	Heat Retaining Plate Complete Assembly with Ceran Glass, RTCSmp Hold-Line 1800, 120V	98300099	1 TO 4		
		Heat Retaining Plate Complete Assembly with Ceran Glass, RTCSmp Hold-Line 1800, 230V	98300066		1 TO 4	
	22	Operation Unit/Control, RTCSmp Hold-Line 1800/3200, Qty=1 for every 2 Heat Plates	94030039	1 TO 2	1 TO 2	C

^ Revised

+ New

* R=Recommended Stock Part / C=Critical Part

Built-In Hold-Line HO/IN 800/1600/2400/3200



Parts Breakdown - HO IN 1800 and 3200

Induction RTCsmp Built-In Hold-Line 3.2kW Models

models

HO/IN 800 (1 Generator, 1 Heat Retaining Plate, 1 Control)

HO/IN 1600 (1 Generator, 2 Heat Retaining Plates, 2 Controls)

HO/IN 2400 (1 Generator, 3 Heat Retaining Plates, 2 Controls)

HO/IN 3200 (1 Generator, 4 Heat Retaining Plates, 2 Controls)

208V Induction Generator: 3.2kW 50/60Hz 1Phase 16.2A, Article No. 99620161

230V Induction Generator: 3.2kW 50/60Hz 1Phase 15.0A, Article No. 99620162

Note: 230V HO/IN 3200-GN, 1Phase, 3.2kW, Article No. 99620175. - For Power Module (item#5), use part 98021763.

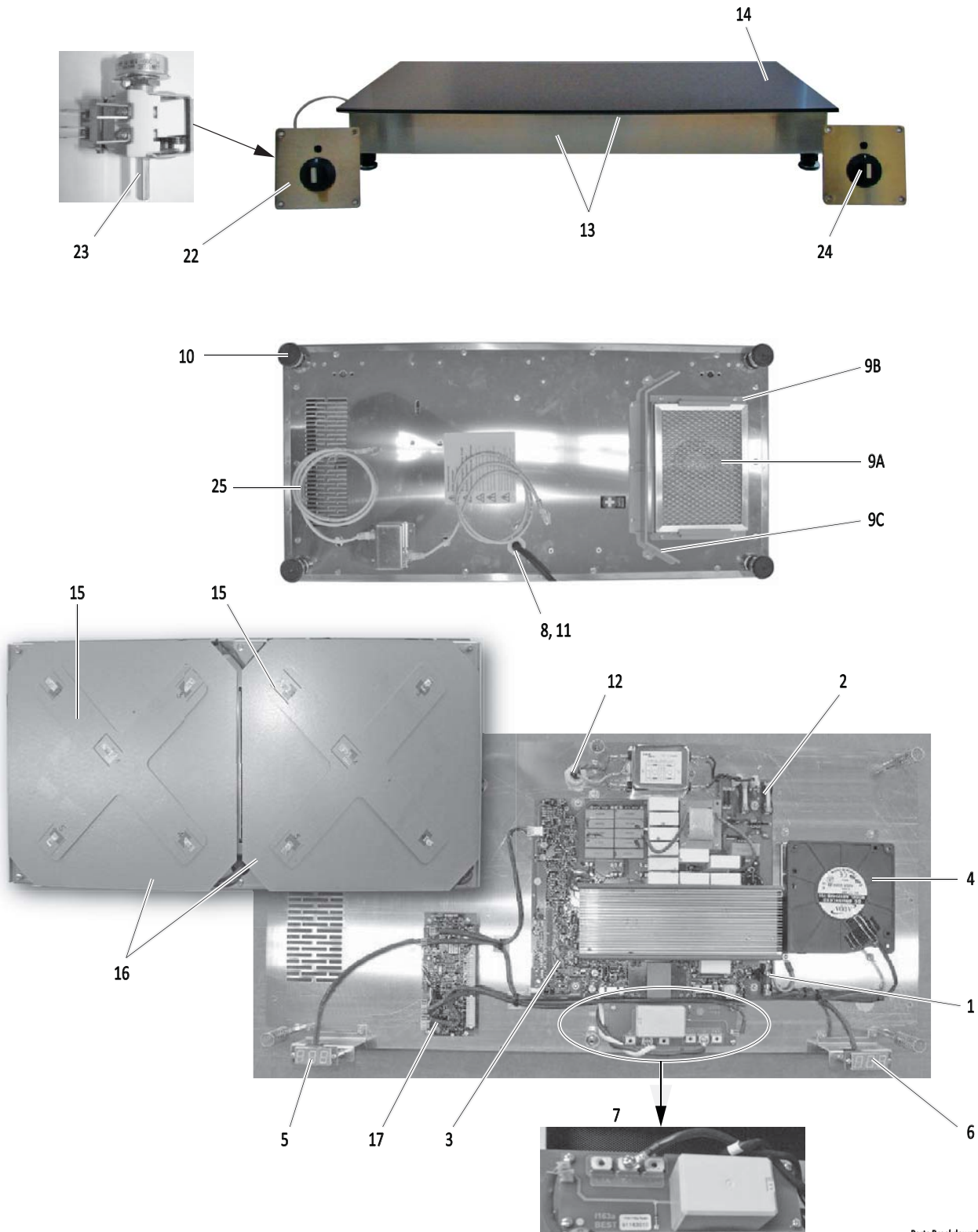
	Item	Description	Part Number	Qty		R/C*
				208V	230V	
	1	Mains Line Filter 16A CSA/CE	39311602	1	1	
	2	Capacitor Board (Print I164b 1-4 / 3.2kW, 208V)	91164020	1	1	
	3	Fuse T15A	34120159	2	2	R/C
	4	Fuse T1A	34110019	1	1	R/C
^	5	Power Module, Complete (No parameters. Tech has to set parameters on site. Use 98021763 / 98021747).	98021723			
+		230V: Power Module, Complete with Parameters. HO/IN 3200-GN RTCsMP 230V 3.2KW	98021763		1	R/C
+		208V: Power Module, Complete with Parameters. HO/IN 1-4 3200-GN RTCsMP 208V 3.2KW	98021747	1		R/C
	6	RJ-45 Print 119 (Quantity = 2, 1 per Control Switch)	91119010	2	2	R/C
	7	RTCsmp Hold-Line Board (Print I133) degree Fahrenheit	91133150	1		
		RTCsmp Hold-Line Board (Print I133) degree Celsius	91133100		1	
	8	Induction Coil #43.01	30104303	1	1	
	9	Sensor Unit, HO/IN 3200	94040102	1	1	R/C
	10	Upper Part with Ceran Glass, Hold-Line, 520 x 320mm, Up to 4 Heat Plates per unit.	98300122	1 TO 4	1 TO 4	
	11	Digital Display Board under Ceran Glass, Print I160c, One per Heat Plate	91160021	1 TO 4	1 TO 4	
	12	Axial Fan 24V DC	94090001	1	1	R/C
	13	Print I161a D-Sub, Hold-Line, Qty=4 per Generator, Qty=1 per Heat Plate	91161020			R
	14	Plastic Knob, Plain, QTY=1 per Control, Up to 2 Controls per Unit.	39400004	1 TO 2	1 TO 2	R
	15	RJ-45 Connecting Cable, Connect Control to Generator, 3-meter, 1 per Operation Unit.	94900282	1 TO 2		R
		RJ-45 Connecting Cable, Connect Control to Generator, 3-meter, 1 per Operation Unit.	38602080		1 TO 2	R
	20	Complete Generator Asm., RTCsmp HO/IN 3200, 208V	99620161	1		
		Complete Generator Asm., RTCsmp HO/IN 3200, 230V	99980061		1	
	21	Heat Retaining Plate Complete Assembly with Ceran Glass, RTCsmp Hold-Line 3200, 208V	98300180	1 TO 4		
		Heat Retaining Plate Complete Assembly with Ceran Glass, RTCsmp Hold-Line 3200, 230V	98300070		1 TO 4	
	22	Operation Unit/Control, RTCsmp Hold-Line 1800/3200, Qty=1 for every 2 Heat Plates	94030039	1 TO 2	1 TO 2	R

^ Revised

+ New

* R=Recommended Stock Part / C=Critical Part

Built-In Hold-Line HO/IN 1500



Parts Breakdown Hold Line 1500

Induction RTCSmp Built-In Hold-Line 1.5kW Models

models

HO/IN 1500, 1.5kW, 120V, 50/60Hz, 1Phase, Article. No. 99620121

HO/IN 1500, 1.5kW, 230V, 50/60Hz, 1Phase, Article No. 99980044

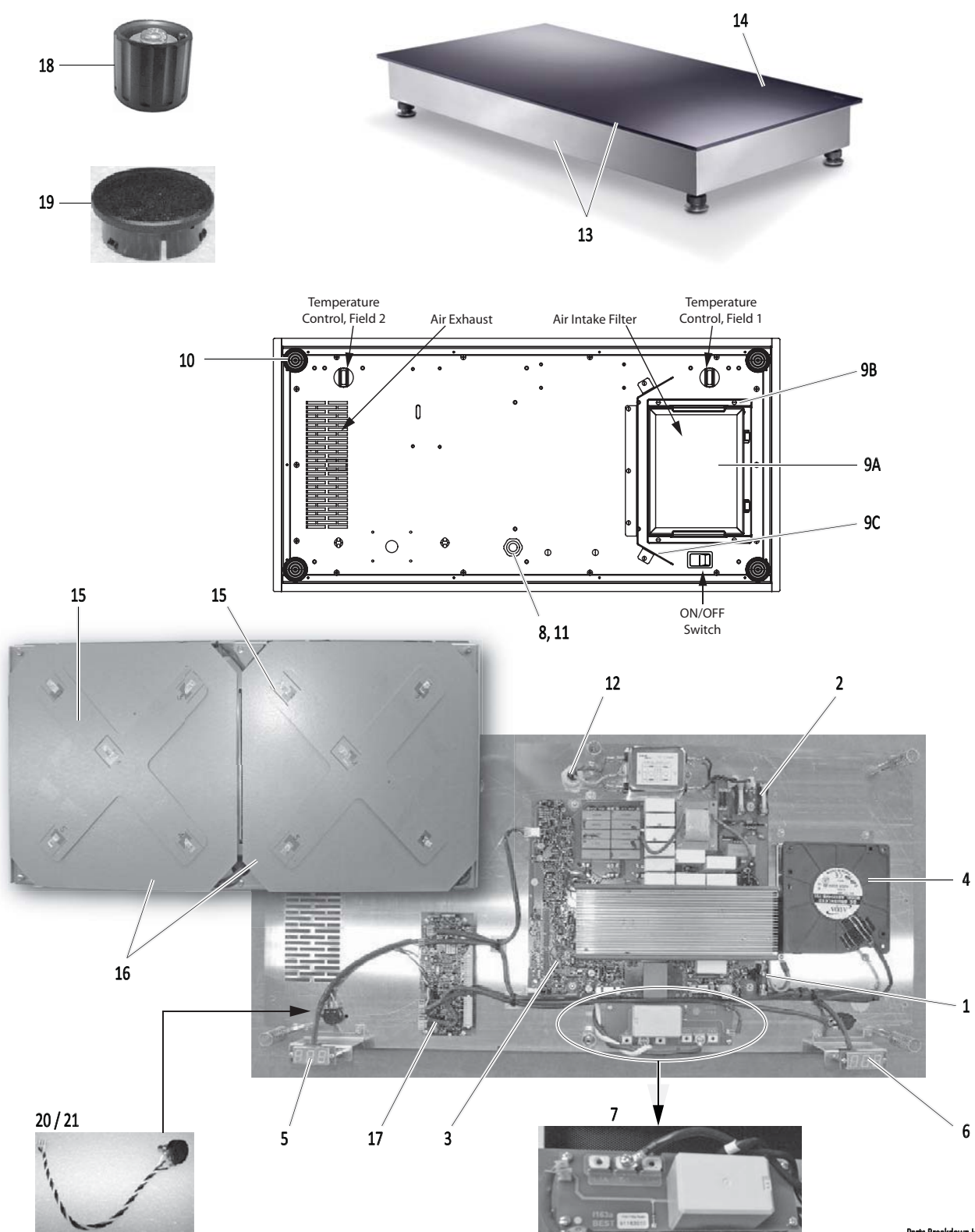
	Item	Description	Part Number	Qty		R/C*
				120V	230V	
	1	Fuse T1A	34110019	1	1	R/C
	2	Fuse T15A	34120159	2	2	R/C
^	3	120V: Power Module, Complete, 1.5kW (No parameters. Technician has to set parameters on site. Use 98021738)	98021724			R/C
+		120V: Power Module, Complete, 1.5kW Already programmed with voltage specific parameters.	98021738	1		R/C
		Power Module, Complete, 230V, 1.5kW	98021720		1	R/C
	4	Fan, Hold-Line, RTCSmp	94090005	1	1	R/C
	5	Digital Display Board (Print I160c) F1	91160021	1	1	
	6	Digital Display Board (Print I160c) F2	91160031	1	1	
	7	Relay Board, Hold-Line (Print I163a)	91163010	1	1	
	8	Mains Cable USA with Plug type 5/15A, 3x14 AWG	38614032	1		
		Mains Cable EU with Plug	38615030		1	
	9A	Grease Filter 200x 150x 12mm (Air Intake Filter)	71000003	1	1	R
	9B	Filter Holder	77261030	1	1	
	9C	Air Deflector	72300520	1	1	
	10	Foot Assembly, Adjustable	95000120	4	4	
	11	Screw Nut PG 13.5	39500001	1	1	
	12	Screwed Cable Gland PG 13.5	39500007	1	1	
	13	Housing with Glass, Hold-Line	98300109	1	1	
	14	Ceran Glass, 400x 800x 4mm	77408001	1	1	
	15	Sensor Unit	94040100	1	1	R/C
	16	Coil Carrier with Coils 46.05/46.06, Hold-Line 120V	98104611	1		
		Coil Carrier with Coils 46.01/46.02, Hold-Line 230V	98104601		1	
	17	RTCSmp Hold-Line with IR Board (Print I133)	91133090	1	1	
	22	Operation Unit, RTCSmp Install Hold Line	94030039	2	2	R
	23	Potentiometer with Connector 2 Pol. (metal)	94010001	2	2	R/C
	24	Plastic Knob	39400004	2	2	R
	25	Cable, RJ-45 Connection 3-meter, UTP	94900282	2		R
		Cable, RJ-45 Connection 1-meter, UTP	38602083		2	R

^ Revised

+ New

* R=Recommended Stock Part / C=Critical Part

Countertop Hold-Line HO 1500



Induction RTCsmp Built-In Hold-Line 1.5kW Models

models

HO 1500, 1.5kW, 120V, 50/60Hz, 1Phase, Article No. 99620101

HO 1500, 1.5kW, 230V, 50/60Hz, 1Phase, Article No. 99980045

	Item	Description	Part Number	Qty		R/C*
				120V	230V	
	1	Fuse T1A	34110019	1	1	R/C
	2	Fuse T15A	34120159	2	2	R/C
^	3	120V: Power Module, Complete, 1.5kW (No parameters. Technician has to set parameters on site. Use 98021738)	98021724			R/C
+		120V: Power Module, Complete, 1.5kW Already programmed with voltage specific parameters.	98021738	1		R/C
		230V: Power Module, Complete, 1.5kW	98021720		1	R/C
	4	Fan, Hold-Line, RTCsmp	94090005	1	1	R/C
	5	Digital Display Board (Print I160c) F1	91160021	1	1	
	6	Digital Display Board (Print I160c) F2	91160031	1	1	
	7	Relay Board, Hold-Line (Print I163a)	91163010	1	1	
	8	Mains Cable USA with Plug type 5/15A, 3x14 AWG	38614032	1		
		Mains Cable EU with Plug	38615030		1	
	9A	Grease Filter 200x 150x 12mm (Air Intake Filter)	71000003	1	1	R
	9B	Filter Holder	77261030	1	1	
	9C	Air Deflector	72300520	1	1	
	10	Foot Assembly, Adjustable	95000120	4	4	
	11	Screw Nut PG 13.5	39500001	1	1	
	12	Screwed Cable Gland PG 13.5	39500007	1	1	
	13	Housing with Glass, Hold-Line	98300109	1	1	
	14	Ceran Glass, 400x 800x 4mm	77408001	1	1	
	15	Sensor Unit	94040100	1	1	R/C
	16	Coil Carrier with Coils 46.05/46.06, Hold-Line 120V	98104611	1		
		Coil Carrier with Coils 46.01/46.02, Hold-Line 230V	98104601		1	
	17	RTCsmp Hold-Line with IR Board (Print I133)	91133090	1	1	
	18	Rotary Knob, 21mm Diameter, No Marking	39400008	2	2	R
	19	Cover, Rotary Knob, No Marking	39400009	2	2	
	20	Potentiometer with Cable, F1, Hold-Line	94900145	1	1	R/C
	21	Potentiometer with Cable F2, Hold-Line	94900146	1	1	R/C

^ Revised

+ New

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Repair Accessories

Photo	Description	Part Number
	IR Adapter Usage: To receive infrared signals from an induction cooker and communicate via a HyperTerminal, or equivalent, on a laptop or other mobile peripherals. Might require additional adapters (not provided).	98990001
	USB- RS232 Adapter Usage: To connect an IR Adapter (98990001) to a computer/device that does not have any RS232 connector.	39800001
	Heat Sink Compound P12. Usage: To mount IGBT or Print/Board onto a Heatsink.	70000020
	Short Circuit (Service) Plug (RTCS only, Not for RTCsmp) Usage: To initialize CU sensors.	94900096
	High Temperature Tape 16mm Usage, for example: To retain PTC(RTC) sensors; to be used as a temporary adhesive; to be used as a high temperature insulator for coil repair.	70000022
	Silicone Glue PACTAN 7076 (for Installation)	70000015
	Wire Punch Down Tool	79000024
	Calibration or Test Plates: Use these plates to calibrate and verify pan detection settings.	
	Calibration Plate, Ø 120mm, with Handle	79000120
	Calibration Plate, Ø 100mm, with Handle	79000100
	Calibration Plate, Ø 90mm, with Handle	79000090
	Calibration Plate, Ø 70mm, with Handle	79000070

Recommended Stock Parts

Part Number	Description	HO/IN1800		HO/IN3200		HO/IN1500		HO1500	
		120V	230V	208V	230V	120V	230V	120V	230V
34120159	Fuse T15A	1	2	2	2	2	2	2	2
34110019	Fuse T1A	1	1	1	1	1	1	1	1
98021762	Power Module, Complete. HO/IN 1-4 1800 RTCSMP 230V IN 1.8KW		1						
98021739	Power Module, Complete. HO/IN 1-4 1800RTCSMP 120V IN, 1.8KW	1							
98021763	Power Module, Complete. HO/IN 3200-GN RTCSMP 230V 3.2KW				1				
98021747	Power Module, Complete. HO/IN 1-4 3200-GN RTCSMP 208V 3.2KW			1					
98021724	Power Module, Complete, 120V, 1.5kW					1		1	
98021720	Power Module, Complete, 230V, 1.5kW						1		1
91119010	RJ-45 Print 119	2	2	2	2				
94040130	Sensor Unit, Round Coil (3xPT1k)	1	1	-	-				
94040102	Sensor Unit, HO/IN 3200	-	-	1	1				
94040100	Sensor Unit					1	1	1	1
94090001	Axial Fan 24V DC	1	1	1	1				
94090005	Fan, Hold-Line, RTCSmp					1	1	1	1
91161020	Print I161a D-Sub, Hold-Line, Qty=4 on Generator, Qty=1 on a Heat Plate								
94900282	RJ-45 Cable, 3-meter, 1 per Operation Unit.	1 TO 2	-	1 TO 2	-	2			
38602080	RJ-45 Cable, 3-meter, 1 per Operation Unit.	-	1 TO 2	-	1 TO 2				
38602083	RJ-45 Cable, 1-meter, UTP						2		
71000003	Grease Filter 200x 150x 12mm (Air Intake Filter)					1	1	1	1
94030039	Operation Unit, RTCSmp Install Hold Line	1 TO 2	1 TO 2	1 TO 2	1 TO 2	2	2		
94010001	Potentiometer with Connector 2 Pol. (metal)					2	2		
94900145	Potentiometer with Cable, F1, Hold-Line							1	1
94900146	Potentiometer with Cable F2, Hold-Line							1	1
39400004	Plastic Knob, Plain, One per Control	1 TO 2	1 TO 2	1 TO 2	1 TO 2	2	2		
39400008	Rotary Knob, 21mm Diameter, No Marking							2	2



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