

# Instructions for Use

## Plate warmer

Model-No.	Art. No.
2009	A 0201
2011	A 0302
2012	A 0402



Plate warmer 2009



Plate warmer 2011

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## PREFACE

### Congratulations!

In purchasing this new SCHOLL appliance you have chosen a product which meets highest technical standards while providing outstanding convenience in practical use.

This appliance has been designed with minimal energy consumption in mind. Used responsibly, it will serve you well in an ecologically sound manner.

Please read the information in this manual carefully before starting up this appliance. On the following pages you will find important notes regarding its operation, care and maintenance so that you will be able to enjoy its use for a long time.

If a malfunction should nevertheless occur, please consult the "Troubleshooting" section first. In many cases you should be able to remedy minor problems yourself, thus saving unnecessary service costs.

Please retain this manual carefully and pass it on to any subsequent user for his or her information and safety.

A quality product, properly treated, will give you many years of satisfactory service.

We trust you will enjoy using this product!



Yours sincerely

**Gustav Scholl Apparatebau GmbH & Co. KG**






## 1 CONVENTIONS

### 1.1 PICTOGRAMS – GENERAL SAFETY NOTES





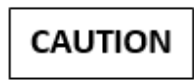


	Be sure to observe these Instructions for Use as well as the safety notes to prevent injuries or damage to health or property. Do not alter or modify this appliance.
	Never use a defective appliance. If you suspect the unit of being faulty or discover an unusual noise or smell, turn off the power switch and pull the plug out of the socket-outlet, or otherwise disconnect the appliance from the mains and de-energize it (i.e., ensure that it no longer carries any voltage). Do not use this appliance when its power cord is damaged. <b>Failure to observe this warning may result in a fire hazard or electrical shock!</b>
	Maintenance and repair work must be carried out only by qualified professionals using original spare parts and accessories. Do not attempt to carry out repairs on this appliance yourself!
	Connect this appliance to suitably earthed mains outlets only. Ensure that your mains power supply conforms to the data stated on the nameplate of the appliance. <b>Failure to observe this warning may result in a fire hazard or electrical shock!</b>
	This appliance is not intended to be used by persons (including children) of limited physical, sensory or intellectual abilities, or lacking in experience and/or knowledge, unless they are supervised by a person responsible for safety who instructs them in the use of the device. Children should be supervised to ensure they will not play with this appliance.
	Do not run the power cord near heat sources, over sharp edges, etc. Always pull on the plug, not the cord, to remove it from a socket-outlet since the cord might be damaged as a result. Do not allow cords to hang unsupported. Route the cord so that it will not form a tripping hazard!
	Do not allow this appliance to operate unattended. Ensure that the appliance is switched off before inserting the plug into an electrical socket-outlet. Avoid starting the unit unintentionally. Connecting the unit to the mains with its power switched on may cause accidents.

	<p>Protect this appliance from moisture (water spray, rain). Any penetration of water into the unit will increase the risk of an electrical shock.</p>
	<p>Do not touch the surfaces of the appliance. The surfaces of this appliance may get hot. Please allow the unit to cool down fully before cleaning or stowing it. Never cover this appliance.</p> <p><b>Burn injury or fire hazard!</b></p>

## 1.2 PICTOGRAMS – WARNING NOTES

	<p>Cleaning must only be performed by qualified persons who have read and understood these Instructions for Use and are familiar with applicable hygiene rules. Ensure that care is exercised during cleaning of the unit.</p> <p>For light cleaning, wipe down the surface with a cloth or soft brush/sponge soaked in warm water which contains a small amount of dishwashing detergent. Follow this up by wiping with clear water until no cleaning agent residue remains on the surface, as the latter might cause discoloration or stains. Finish by rubbing the surface dry.</p> <p>To remove more stubborn or extensive residue, a stainless steel cleaning product may be used.</p> <p>Never use any of the following for cleaning:</p> <ul style="list-style-type: none"> <li>➤ aggressive or bleaching products, i.e., containing active oxygen, chlorine, or caustic/corrosive constituents.</li> <li>➤ abrasive cleaning products such as scouring creams/pastes, steel wool, saponified steel wool, metal or plastic sponges, or sponges with a scratchy surface (scouring side).</li> </ul>
	<p>Never use steam and/or pressure jet cleaning equipment to clean this appliance!</p> <p>This might damage the appliance to the point where it may pose a <b>hazard to your life!</b></p>
	<p>Before any cleaning, maintenance or repair work is carried out, the appliance must be disconnected from the mains and de-energized. To do so, it is not enough to set the power switch to OFF. Instead, the mains plug must be pulled or the electrical circuit must be de-energized, respectively. Check that no voltage is present before opening the appliance, and lock out the circuit to make it safe against re-energizing.</p>
	<p>The total permitted regeneration and hot-holding time according to HACCP will be exceeded after 3 hours.</p> <p><b>Risk of potential health impairment!</b></p>
	<p>Allow the unit to cool down before starting any cleaning work.</p> <p><b>Burn hazard!</b></p>

### 1.3 PICTOGRAMS – IMPORTANT NOTES

	<p><b>DANGER</b></p> <p>indicates an immediately threatening hazard.</p> <p><b>Failure to observe this warning notice will result in severe physical injury or death.</b></p>
	<p><b>WARNING</b></p> <p>indicates a potentially dangerous situation.</p> <p><b>Failure to observe this warning notice may result in severe physical injury or death.</b></p>
	<p><b>CAUTION</b></p> <p>indicates a potentially harmful situation.</p> <p><b>Failure to observe this notice may result in damage to property.</b></p>
	<p><b>DANGER – electrical voltage</b></p> <p>indicates an immediately threatening hazard.</p> <p><b>Failure to observe this warning notice will result in severe physical injury or death.</b></p>
	<p><b>CAUTION! IMPORTANT</b></p> <p>Improper use may result in minor injuries or damage to property.</p>
	<p>In addition to these Instructions for Use, a number of accident prevention and other regulations apply with regard to the operation of this appliance. As regards food handling, please observe HACCP rules concerning compliance with hygiene requirements.</p> <p><b>If you have any questions, please contact your supervisor(s) or safety representative.</b></p>
	<p>This product must not be disposed of in domestic waste.</p> <p>Please arrange for proper recycling of this product via your local provider of waste disposal services.</p>



## 2 PRODUCT INFORMATION

The plate warmers are used for heating up and keeping plates warm.

### 2.1 INFORMATION REGARDING COMPLIANCE WITH STANDARDS, LAWS AND DIRECTIVES

This appliance conforms to the following:

Standards, laws, directives	
2014/35/EU	Low Voltage Directive
2014/30/EU	EMC Directive

### 2.2 SAFETY



This appliance conforms to accepted technical rules and relevant safety codes. However, proper use of the appliance is a prerequisite for effectively preventing damage or accidents. Please comply with the notes provided in these Instructions for Use.

Further safety notes, refer to section

- 1.1 Pictograms – General safety notes
- 1.2 Pictograms – Warning notes
- 1.3 Pictograms – Important notes

### 3 PACKING, TRANSPORT, INTERMEDIATE STORAGE, SCOPE OF DELIVERY

#### 3.1 PACKING

The type of packing employed will depend, to a large extent, on the adopted shipping mode and route. Except where otherwise agreed by contract, packing will conform to the "HPE Packing Guideline" defined by the German Federal Association of the Wooden Materials, Pallets and Export Packing Industry and by the German Engineering Federation.

#### 3.2 TRANSPORT

Particular care must be exercised during shipping and handling of this appliance to prevent damage resulting from exposure to excessive force or careless loading/unloading.

Shocks during shipping and handling must be avoided.

The appliance itself must be handled with care.

#### 3.3 INTERMEDIATE STORAGE

Appliances not to be installed immediately upon delivery must be carefully stored in a protected place. For the duration of such storage they must be properly covered to prevent any ingress of dust and moisture into the unit.

#### 3.4 SCOPE OF DELIVERY

The content of the delivery is stated in the delivery note and must be checked for completeness upon receipt.

Any damage in transit and/or missing items must be reported in writing immediately.

## 4 INSTALLATION AND ELECTRICAL INSTALLATION

### 4.1 INSTALLATION



Before the installation of the appliance, observe the following:

- Inspect the unit for any defect or damage sustained in transit.

Practice:

- Place the unit at a suitable location.
- Familiarize yourself with the Instructions for Use and with the conditions for the safe operation of this appliance.
- Clean the unit before the first use according to chapter "Cleaning and care".

### 4.2 ELECTRICAL INSTALLATION

	<p><b>The appliance may only be installed by a qualified electrician whilst taking into account the applicable regulations!</b></p>
	<p>Connect this appliance to suitably earthed mains outlets only. Ensure that your mains power supply conforms to the data stated on the nameplate of the appliance.</p> <p><b>Failure to observe this warning may result in a fire hazard or electrical shock!</b></p>

Before putting the appliance into service, observe the following:

- **Faulty equipment must not be taken into operation!**
- Legal requirements and the connection conditions of your local power supply company must be fully observed.
- Electrical safety functions must be carried out and checked for operability.
- This device is protection class I, the mains connection line has a protective conductor.
- This device is equipped with a mains connection line with plug.  
This device must be set up so that the plug is freely accessible; otherwise, an on-site upstream separating device (e.g. switch with at least 3 mm contact opening width) must be installed to ensure complete disconnection from the mains.



## 5 OPERATION

The plate warmer has a digital temperature controller. The temperature controller switches the plate warmer on and off and sets the temperature

### 5.1 OPERATION TEMPERATURE CONTROLLER

The plate warmer has a digital temperature controller and can be adjusted at temperatures of 30-85°C.



#### Key UP

Pressing this key you can increase the parameter or parameter value or scroll the parameter list.



#### Key DOWN

Pressing this key you can decrease the parameter or parameter value or scroll the parameter list. At alarm the buzzer function can be switched off with this key.



#### Key SET

While SET key is pressed, the setpoint is indicated.

In addition, the SET key is used for setting parameters



#### Key Standby

Switching the controller on or off.

If none of the keys is pressed, the display indicates the actual value of the temperature. Pressing the SET key, the setpoint shows on the display.

If the setpoint is to be changed, the SET key is to be kept pressed while adjusting the setpoint with the keys UP and DOWN.

Please note that the setpoint can only be changed within the set setpoint limits.

The LED 1 lights up when the temperature controller heats.

The set temperature (set value) will be stored even after switching off the temperature controller. The last set temperature (set value) is active after switching on the temperature controller.

### 5.1.1 STATUS MESSAGES TEMPERATURE CONTROLLER

Message	Cause	Error elimination
<b>"AUS" or "OFF"</b>	Standby modus, no regulation	Switch on with standby key
<b>F1L</b>	Sensor error, short-circuit at sensor	Check sensor
<b>F1H</b>	Sensor error, open-circuit at sensor	Check sensor
<b>Buzzer</b>	Temperature alarm or sensor error	The buzzer function can be switched off with the DOWN-key
<b>EP, display flashes</b>	Data loss at parameter memory (Contacts K1 and K2 are switched off)	If error cannot be eliminated by switching on/off, the controller must be repaired

## 5.2 INTENDED USE

Practice:

- Switch on the temperature controller (standby key).
  - The display of the temperature controller shows the actual temperature (actual value).
  - Press the SET key to display the set temperature (set value).
- Set the temperature controller to the desired temperature (SET key, UP key, DOWN key).
  - The LED 1 lights up when the temperature controller heats
  - After the heating time, the device is ready for operation and can be equipped with the plates.
- For switching off after use:
  - Switch off the temperature controller (standby key).

The set temperature (set value) will be stored even after switching off the temperature controller. The last set temperature (set value) is active after switching on the temperature controller.



Do not touch the device surfaces. The surfaces of the device may grow hot. Please let the device cool off entirely before cleaning it. Do not cover the device.

**Danger of burns and fire!**

## 5.3 UNINTENDED USE



Please observe strictly:

- Plate warmer are **not** for defrosting/warming up of deep-frozen/cooled food.







## 6 MAINTENANCE

### 6.1 MAINTENANCE AND REPAIR


	<p>Maintenance and repairs on the appliance must only be carried out by an authorized professional observing applicable safety regulations.</p> <p><b>Improperly executed work will put your safety at risk!</b></p>
	<p>Before any cleaning, maintenance or repair work is carried out, the appliance must be disconnected from the mains and de-energized. To do so, it is not enough to set the power switch to OFF. Instead, the mains plug must be pulled or the electrical circuit must be de-energized, respectively. Check that no voltage is present before opening the appliance, and lock out the circuit to make it safe against re-energizing.</p>

### 6.2 CLEANING AND CARE

	<p>Never use steam and/or pressure jet cleaning equipment to clean this appliance!</p> <p>This might damage the appliance to the point where it may pose a <b>hazard to your life!</b></p>
	<ul style="list-style-type: none"> <li>➤ Allow the unit to cool down before cleaning it. <b>Burn hazard!</b></li> <li>➤ Stainless steel is particularly susceptible to scratching!</li> <li>➤ Remove lime, grease and starch residue immediately to avoid the formation of stains.</li> <li>➤ When using a cleaning product, observe the instructions for use provided by its manufacturer.</li> </ul>




	<p>Cleaning must only be performed by qualified persons who have read and understood these Instructions for Use and are familiar with applicable hygiene rules. Ensure that care is exercised during cleaning of the unit.</p> <p>For light cleaning, wipe down the surface with a cloth or soft brush/sponge soaked in warm water containing a small amount of dishwashing detergent. Follow this up by wiping with clear water until no cleaning agent residue remains on the surface, as the latter might cause discoloration or stains. Finish by rubbing the surface dry.</p> <p>To remove more stubborn or extensive residue, a stainless steel cleaning product may be used.</p> <p>Never use any of the following for cleaning:</p> <ul style="list-style-type: none"> <li>➤ aggressive or bleaching products, i.e., containing active oxygen, chlorine, or caustic/corrosive constituents;</li> <li>➤ abrasive cleaning products such as scouring creams/pastes, steel wool, saponified steel wool, metal or plastic sponges, or sponges with a scratchy surface (scouring side).</li> </ul>
	<p>We recommend you to clean the stainless steel surface once per week using a standard commercial stainless steel care product. This will result in the formation of a protective layer which prevents discoloration of the stainless steel surface.</p> <p>In any event, observe the product manufacturer's instructions and try each product in a small area first before applying it to a larger surface.</p>

## 7 TROUBLESHOOTING

	<p>Repairs must be carried out by an authorized specialist in compliance with applicable safety codes and regulations.</p> <p><b>Improperly executed work will put your safety at risk!</b></p>
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Note that some work must only be carried out by an electrical specialist. According to DIN EN 60204-1: 2011-01, specialists are „persons who by reason of their relevant training and experience are capable of recognizing risks and avoiding potential hazards.“

Some malfunctions you may be able to remedy yourself. Always check first if the problem is due to an operating error. Repairs are not free of charge, even within the warranty period, if the problem is caused by an operating error or if you have failed to observe any of the following instructions.

	<p>Before any cleaning, maintenance or repair work is carried out, the appliance must be disconnected from the mains and de-energized. To do so, it is not enough to set the power switch to OFF. Instead, the mains plug must be pulled or the electrical circuit must be de-energized, respectively. Check that no voltage is present before opening the appliance, and lock out the circuit to make it safe against re-energizing.</p>
	<p><b>Work at the electrical installation must only be performed by qualified electricians!</b></p>
	<p>Maintenance and repair work must be carried out only by qualified professionals using original spare parts and accessories. Do not attempt to carry out repairs on this appliance yourself!</p>



## 7.1 POSSIBLE MALFUNCTIONS

Malfunction	Cause	Remedy
Appliance does not heat	Defective plug/electrical cord	<b>DANGER!</b> Hazardous electrical voltage. Pull out the mains plug and bar product from further use.  To be remedied by an electrical specialist.
Appliance does not heat	Heating faulty	Exchange heating. To be remedied by an electrical specialist.
Appliance does not heat	Error message temperature controller	See chapter 5.1.1
Appliance does not heat	Temperature sensor faulty	Exchange temperature sensor. To be remedied by an electrical specialist.
Appliance does not heat	Temperature controller faulty	Exchange temperature controller. To be remedied by an electrical specialist.

## 8 TECHNICAL DATA

### 8.1 EXECUTION

- Chrome nickel steel 18/10
- Model 2009: 1 folding door, left-hinged  
Model 2011: 2 folding doors  
Model 2012: 2 folding doors
- 1 adjustable intermediate shelf  
optionally available: 1 additional intermediate shelf
- Temperature digital adjustable from 30-85°C
- Capacity  
Model 2009: approx. 60 plates  
Model 2011: approx. 120 plates  
Model 2012: approx. 200 plates
- Optionally available: Mounted 4 twin castors Ø 50 mm
- Connection cable approx. 1,8 m long, with plug

Model-No.	Art.-No.	Length		Depth	Height	Voltage	Power
2009	A 0201	Outside	450 mm	450 mm	850 mm	230 V	0,75 kW
		Inside	405 mm	385 mm	660 mm		
2011	A 0302	Outside	750 mm	450 mm	850 mm	230 V	1,2 kW
		Inside	705 mm	385 mm	660 mm		
2012	A 0402	Outside	800 mm	600 mm	850 mm	230 V	1,2 kW
		Inside	755 mm	535 mm	660 mm		

### 8.2 DIMENSIONED DRAWINGS

Dimensioned drawings are available upon request.

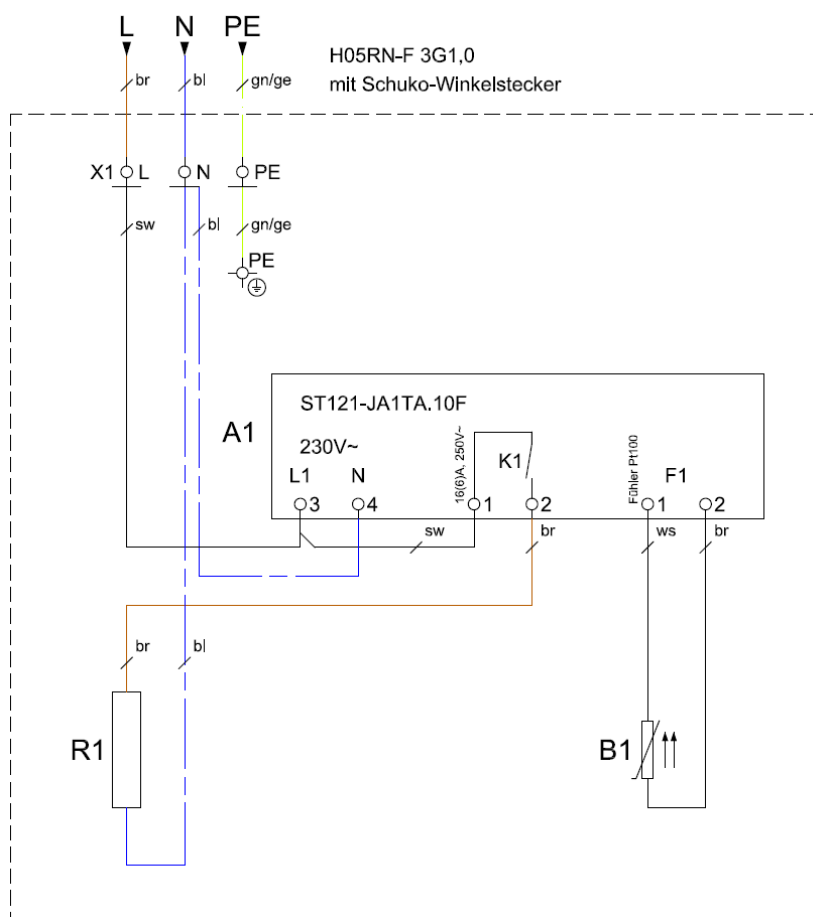
The information in the dimensioned drawings always take precedence over the summary of the technical data in chapter 8.1.

## 8.3 CIRCUIT DIAGRAMS

Circuit diagrams are available upon request.

### 8.3.1 CIRCUIT DIAGRAM PLATE WARMER 2009, 2011, 2012



Model-No.	Art.-No.
2009	A 0201
2011	A 0302
2012	A 0402



Key:

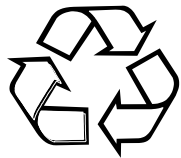

- A1 Temperature controller
- B1 Temperature sensor
- R1 Heating

## 8.4 SPARE PARTS LIST

	<p>Maintenance and repairs on the appliance must only be carried out by an authorized professional observing applicable safety regulations.</p> <p><b>Improperly executed work will put your safety at risk!</b></p>
	<p><b>Work at the electrical installation must only be performed by qualified electricians!</b></p>

Component	Art. No.
Temperature controller	70,11,01
Temperature sensor	70,30,07
Heating 750W (A 0201)	71,20,17
Heating 1200W (A 0302, A 0402)	71,20,18
Connection cable with plug	73,70,30
Wiring harness	73,90,25

## 9 DISPOSAL AND ENVIRONMENTAL NOTES

	<p>The appliance has been packed before shipping to protect it against damage in transit. After unpacking, please dispose of packing materials in an environmentally sound manner.</p> <p>All packing materials are eco-compatible, 100% recyclable and marked with a symbol to that effect.</p>
	<p>While unpacking, keep packing materials (polyethylene bags, pieces of polystyrene, etc.) out of the reach of children.</p>

### 9.1 DISPOSAL OF PACKING MATERIAL

Recyclable packing materials should be disposed of in sorted fractions for recycling via approved local disposal facilities.

For approved disposal facilities in your area, please contact your local government or community administration.

### 9.2 DISPOSAL OF THE APPLIANCE

Render the appliance inoperable before disposal.

Pull the plug out of the socket-outlet or arrange for disconnection by an electrician, then cut the mains cord off the appliance.

This product must not be disposed of in normal household waste at the end of its service life, but must be turned in for recycling at an approved collecting facility. This requirement is identified by a symbol on the product, in the Instructions for Use, or on the packing material.

Materials are recyclable as marked. By arranging for the recycling, recovery, or other form of re-use of end-of-life appliances you will make an important contribution to the protection of our environment.

Your local government or community administration will advise you as to which disposal facilities in your area accept discarded appliances for recycling.

## 10 WARRANTY AND SERVICE

### 10.1 WARRANTY CONDITIONS

The manufacturer accepts no liability or warranty in the following cases:

- failure to observe notes and instructions given in the Instructions for Use;
- use of the product in a manner not conforming to its intended use;
- alteration or modification of the appliance or its functionalities;
- use of non-original spare parts.

Except as otherwise stipulated by special warranty conditions, a 12-month warranty is granted on all product vis-a-vis merchants (details are covered by para. 11 of our General Terms and Conditions of Sale).

The warranty granted on appliances is a material warranty valid for a 1-year period, i.e., if a defect should occur we will send you the relevant part. The defective part must be returned to our address within two weeks. No claim based on alleged unsoundness of goods or for consequential loss or damage involving factors unrelated to the appliance will be accepted. Further warranty information is contained in our General Terms and Conditions of Sale or can be made available upon request.

Appliances not produced by ourselves are subject to the warranty terms and conditions or the relevant manufacturer. These, too, will normally be limited to a material warranty. We do not grant any direct warranty on such items.

### 10.2 SERVICE



#### IMPORTANT

To enable our customer service to prepare repairs carefully and to provide the appropriate spare parts, please provide the following information when reporting a customer service requirement:

1. Your precise address (where applicable, final customer's address, person to contact)
2. Your contact details such as phone, fax and e-mail (including, where applicable, those of the final customer)
3. Times when a customer service visit will be convenient
4. Exact appliance specifications (consult the nameplate and/or purchase receipt)
5. Purchase date
6. Accurate description of the problem or of your service request (including, where applicable, a photo of the defect or installation situation)

Please also keep the purchase receipt on hand. This will help us avoid unnecessary time and costs while enabling us to work more efficiently for you.



### 10.3 SERVICE ADDRESS

You can reach us at the following times:

Monday - Thursday      from 7:00 a.m. till 4:00 p.m.

Fridays                      from 7:00 a.m. till 12:15 p.m.

Outside these office hours please communicate your requests per e-mail or telefax.

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