

Hotplate

with digital-controller

26060 FB DIG

26070 FB DIG

26080 FB DIG

State September 2006
Rev. 0. 2005
Rev. 1. 2006

Operating Manual

Hotplate 26060 FB DIG - 26080 FB DIG

Contents	IV	1
Environnemental information	UW	2
General information	AL	3
Safety	SI	4 - 5
Technical details	TE	6 - 8
Transport	TR	9
Commissioning	IN	10 - 11
Operation	BE	12
Cleaning	RE	13
Stock keeping of replacement parts and service	EK	14
Wiring Diagram	SB	
Appendix	AN	15

Hotplate 26060 FB DIG - 26080 FB DIG

Congratulations

We recommend reading these operation instructions carefully in order to familiarise yourself with your new device.

If properly used, a good device will serve you many years.

Please keep these operation and assembly instructions available for possible further owners.

We wish you a lot of fun using your new device!

Environnemental information

-E-

Disposal of the device

Devices have to be made inoperable before they are scrapped by cutting off the mains cables.

Make sure that the device is properly disposed according to environmental requirements.

Warning

Manufacturer can not be made liable if damages are caused upon non-observance of the following instructions:

1. The handling of this device and of all other electrical devices requires the observance of some basic rules for your own safety as the following:
 - don't expose the device to any weather influence as rain, etc.
 - keep unattended children away.

2. After unwrapping make sure that the device has not been damaged. In case of doubt don't take the device into operation and inform the responsible technician or the after-sales service. Keep away from children all wrapping material (plastic bags, polystyrene, nails, etc.), as they are possible sources of danger.
3. Device has to be used exclusively for the indicated purpose.

Hotplate 26060 FB DIG - 26080 FB DIG

4. Before connecting the device, please check if indications on the rating plate correspond to the installation rating.
Basic safety instructions must be observed in any case. In case of doubts the installation has to be checked carefully by an authorised specialist. The electrical safety is guaranteed only in case that the device is installed and grounded according to our safety instructions for electrical installations.
5. In case of care and maintaining works disconnect device from the electric circuit by switching off the main switch or quitting the voltage of the power supply.
6. Don't leave the device unnecessarily in operation after use. Switch off the main switch.
7. In case of operation disturbances or faults the device has to be disconnected from the electric circuit. Qualified specialists or our after-sales service should carry out repairs. Use only genuine replacement parts.

General information

-AL-

Introduction

Device serves to keep warm food and bakery products.

Indications given in this operating manual can be changed without previous advice.

Safety

-SI-

1 SYMBOLS

1.2 Attention

1.1 Operating safety



This symbol will be found in all operating safety advises in this operating manual where danger for life and limb of people exists. Please observe these advises and act especially carefully. Pass on all operating safety advises to further users.

In addition to the advises in this operation manual all general regulations on safety and prevention of accidents must be observed.

ATTENTION This note will be found everywhere in the operating manual where special guidelines, regulations, advises and the correct working operation have to be observed and the damaging and destroying of the device has to be prevented.

2 Operational safety recommendations

2.1 Appropriate use

Device has been manufactured according to the current state of the art technology and to the acknowledged regulations concerning safety and is reliable in operation.

Nevertheless, if used by unskilled personnel or for impropriety purposes device can cause danger to life and/or limb of users or third persons respectively can damage the device and other tangible assets.

Use device exclusively in technically perfect conditions, as well as according to all safety regulations indicated in the operating manual!

Eliminate all faults, which might affect safety immediately!

Device is only made for purposes described in the operating manual.

All other and additional use does not conform to the regulations. The manufacturer/ supplier is not liable for damages resulting of improper use. Risk lies with the user.

Hotplate 26060 FB DIG - 26080 FB DIG

The proper use includes observing the operating manual and conditions of inspection and maintenance.

After cleaning of device check loosened connections, raw rubbed parts and damages.

All detected faults have to be repaired immediately!

Always tighten firmly screwed connections loosened for maintenance and repair purposes!

If dismantling of safety devices is required at setting up, maintenance or repair, the assembly and checking of all safety devices has to be carried out immediately after finishing the maintenance and repair works.

Before putting into operation after maintenance works make sure that all protection advises have been mounted!

Provide safe and environment conserving disposal of operational and auxiliary materials as well as of replacement parts.

Don't use device for unsuitable purposes!

Safety guidelines

During the production of your device all safety guidelines, in particular VDE and international CEE regulations have been observed.

Your device passed final control before leaving the plant and all electrical components were checked on proper functioning.

Contact protection according to VDE-regulations has to be guaranteed by correct assembly.

Hotplate 26060 FB DIG - 26080 FB DIG

3 Electrical connection

Before connecting please observe indications on rating plate!
 Observe VDE-regulations and regulations of your local power supplier!

Model	26060 FB DIG	26070 FB DIG	26080 FB DIG
Connected load	1 x 10 A	1 x 10 A	1 x 10 A
Fuse protection	1,0 kW	1,0 kW	1,5 kW
Voltage	IN AC 230 V	IN AC 230 V	IN AC 230 V

- Special voltage upon demand
- Device is delivered with a helix cable of 2m length. E.g. type 3 x 1H05RN3G
- **On site:** provide accessible, all pole separation device with contact distance of min. 3mm

EG regulations: **EMV 89/336**
NSR 73/23
 CE regulations: **93/68**

3.1 Indication of particular kinds of danger

3.2 Electrical energy

Use only genuine fuses with prescribed strength of current! In case of **disturbances** in power supply **switch off device immediately!**

Works at electrical installations or operational means have to be carried out by authorised electric under guidance and supervision of authorised electricians or trained persons according to Electro mechanical rules. During works of inspection, maintenance and repair at the device or components of installation, voltage has to be switched off. Check parts first if they are powerless, then earth and short out. Insulate adjacent parts under tension!

Electrical equipment of a device has to be checked regularly. Faults, such as loose connections resp. burned cables have to be removed immediately.

Use only tension-insulated tools!

Hotplate 26060 FB DIG - 26080 FB DIG

3.3 Information about high temperature

ATTENTION !!!

Before putting into operation

During the switching on of the device (before use) high temperatures can be reached around the heating. Please check the surface before you start working there!

Don't put paper, cardboard, cloth, etc. between device and fireproof covering board, as they might catch fire.

During putting into operation insulation material may emit corresponding smells.



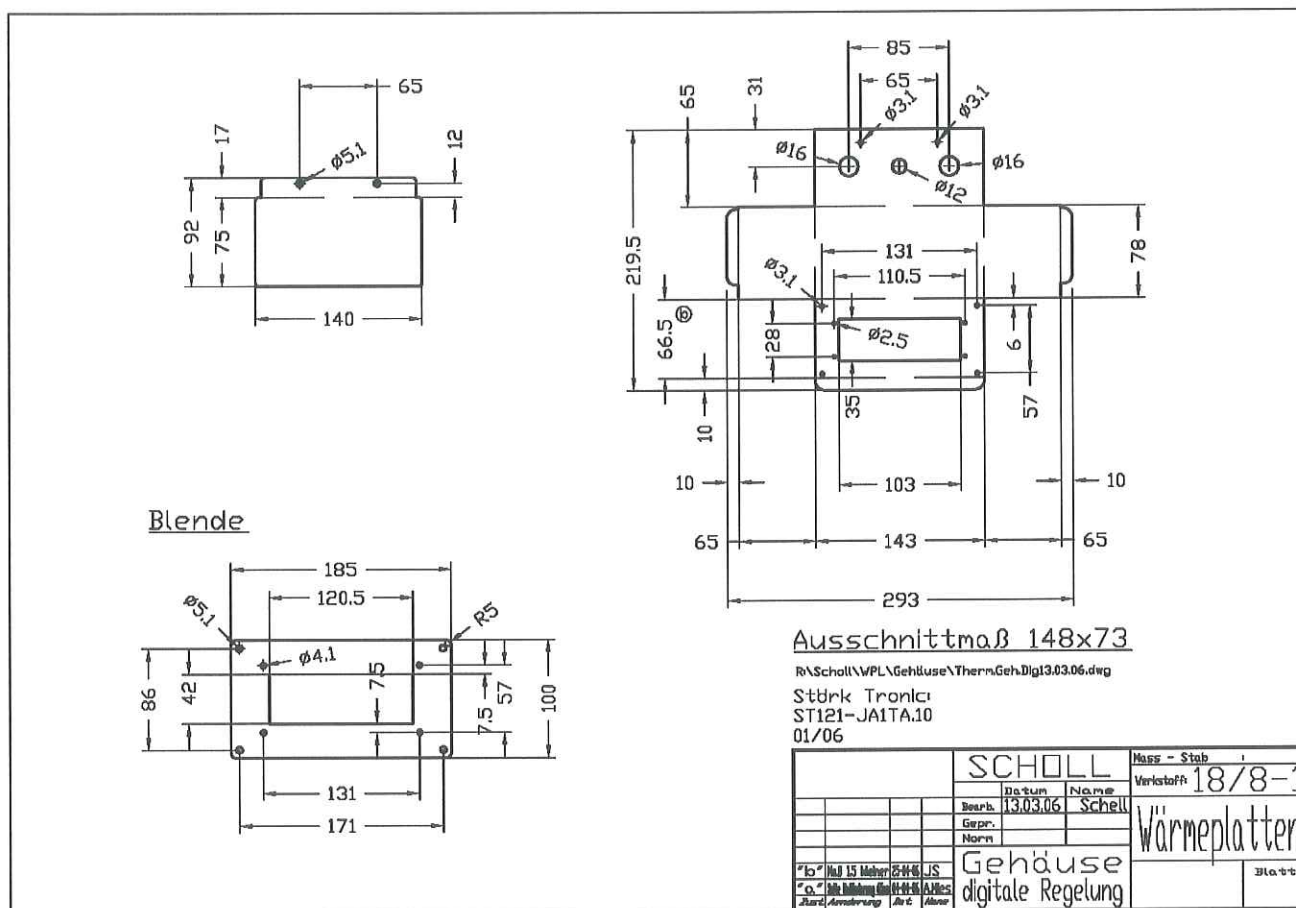
Warning about
hot surface

Hotplate 26060 FB DIG - 26080 FB DIG

Technical details

-TE-

Hotplate for flush built-in with digital-controller



The thermostat screen from the thermostat case loosen. Thermostat case from the rear by the cut-out opening of the bar screen again screw on.

Cut-out measure: Length minus 25 mm
 Depth minus 25 mm

measurements:

model-no.:	Length mm	Depth 400 mm	Depth 500 mm	Depth 600 mm
------------	-----------	--------------	--------------	--------------

heating efficiency

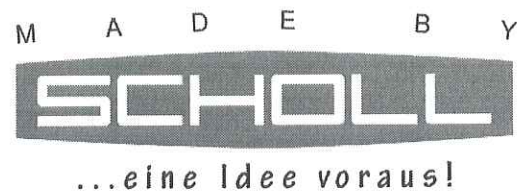
26060 FB DIG	600	2 x 500 W	2 x 500 W	2 x 500 W
26070 FB DIG	700	2 x 500 W	2 x 500 W	2 x 500 W
26080 FB DIG	800	1 x 630 W	2 x 500 W	3 x 500 W

Subject to technical alterations !

Noise level

Operation site related emission value of noise level is below 70 dB (A). This indication is necessary due to certain national safety regulations.

Hotplate 26060 FB DIG - 26080 FB DIG



Transport

-TR-

1. Packaging

Transport route is important for selection of kind of packing. If not agreed upon otherwise by contract, packing corresponds to regulations of packing HPE, defined by the Federal Association for Wood Materials, Pallets, Export Packing e. V. and by the Association of German Machinery Manufacturers.

2. Delicateness

Transport the device with particular care in order to avoid damage by violent impacts or careless loading and unloading.

Shocks during transport have to be avoided.

Device has to be treated with care.

3. Interim storing

If devices are not assembled immediately after delivery they have to be stored carefully at a protected place. They have to be duly covered that neither dust nor humidity can penetrate.

4. Scope of supply

Content of delivery is listed in delivery notes and completeness has to be checked upon receipt. Possible shipping damages and/or missing items have to be notified immediately in writing.

Hotplate 26060 FB DIG - 26080 FB DIG

Commissioning

-IN-

1. Before commissioning

Before putting into operation of the device following items have to be checked:

- Shipping damages?
- Indications on the rating plate have to match with the local public supply system.
- All electrical protective measures have been carried out and serviceability has been checked.
- All screwed connections are tight.

2. At commissioning

During the putting into operation has to be checked:



Defect devices are not allowed to put into operation.

Hotplate 26060 FB DIG - 26080 FB DIG

Instructions for use

-IN-

Connect hotplate by means of safety plug to power supply system.

Electrical connection: 220 - 230 V 1 kW or 1,5 kW

Taste Standby

With this key usually into the Standby mode one switches. It can be restarted by renewed pressing.

The heating-up time for hotplate amounts to 60 minutes.

Adjustment

Key Up

By pressures of this key the Parameter or parameter value is increased.

Key Down

By pressures of this key the parameter or parameter value is smaller. With alarm the buzzer-function is switched off through pressures of the key.

Key SET

While this key is pressed, the desired value S1 is indicated. In addition this key is used for parameter attitude.

Also after switching the electrical warmer off the originally determined temperature remains, i.e. if you switch off and after a certain time restart the equipment, the electrical warmer heats on the temperature stopped last again. After the heating-up time the regulation takes place automatically.

Do not touch hot device with unprotected hands ! Danger of burn !

Do not use device for unsuitable purposes !!!

First operating-level

Adjusting of the desired value.

The desired value S1 is directly through pressures of the SET-key selectable.

By additional pressing the UP-or DOWN-key can be adjusted.

By appropriate parameter attitudes (look at A85, A86) can with a selection button (if available) a desired value change-over are accomplished.

Then on the modified desired value S1' and indicated accordingly through pressures of the SET-key the desired value S1' is regulated.

S1' can be defined as difference to the desired value S1, or as absolute desired value (look at Parameter A33).

Parameter	Description for function	Range of adjustment	Standard-attitude	Customer-attitude
S1	Desired value regulation-contact	P4...P5	0,0° C	
S1'	Different to desired value Absolute desired value	-99...+99,9K falls A33=1 P4...P5, falls A33=2	0,0° C	

Hotplate 26060 FB DIG - 26080 FB DIG

Operation **-BE-**

1. How to act in case of disturbance

In addition to the following advises al local safety regulations have to be observed for the operation of the device.

All electrical repairs have to be done by authorised specialists!



1.1 Repair of disturbances

Symptoms:

-device does not heat up

Reasons:

- thermostat or heating defect
- connection cable broken
- fuse defect
- Digital-twopoint regulator or feeler defect
- no voltage at clip

Measures:

- exchange thermostat or radiator
- exchange cable
- check fuse
- exchange digital-twopoint regulator or feeler

Status-information

Display	Error cause	Measures
AUS or OFF	Standby, no Regulation	switch on by Standby-key
F1L	feeler error, short-circuit	control feeler
F1H	feeler error, feeler break	control feeler
"- - -"	key-look active	look at parameter P19 or A19
Flashing Display	Temperature-alarm (look A31)	
Summer	Temperature-alarm (look A31) or feeler-error	The buzzer can switch off with the AB-key.
EP	overrun of data at the Parameter-attic (no energy at the regulations-contact)	If by switch on or off the mistake is not to be eliminated, the regulation must be repaired.

Hotplate 26060 FB DIG - 26080 FB DIG

Cleaning

-RE-



Always make sure that device is plugged off before cleaning the hotplate.
Don't hose down the device.

Only wipe device with a wet tissue using a mild cleaner if necessary.
Don't use cleaning powder.

SECURITY ADVISES



Water splashing
forbidden

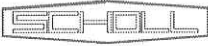
- Don't use high-pressure cleaner.
- Don't treat device with acids or expose it to acid vapour. Otherwise the passive layer of nickel chromium steel will be damaged and the device may probably discolour.

Don't use device for unsuitable purposes !!!

Hotplate 26060 FB DIG - 26080 FB DIG

Stock keeping of replacement parts / after-sales service -RP-

Please fill in here data of the rating plate of your device.
 You will find the rating plate next to the cable outlet.

		Gustav Scholl Apparatebau GmbH & Co.	
56470 Bad Marienberg			
	Volt		Typ
	KW		Nr-

Please provide these data always when you require:

- after-sales services,
- replacement parts and accessories,
- technical advice

Replacement parts for 26060 FB DIG / 26070 FB DIG / 26080 FB DIG

Thermostat	order-no.:	70,10,11
heating 500 W, 230 V U-shape	order-no.:	71,20,02
ALU-plate 200 x 382 x 8 mm w. nute	order-no.:	71,90,01
ALU-plate 200 x 382 x 8 mm flate	order-no.:	71,90,02
clip 3-pole porcelain	order-no.:	73,30,10
single wire 260° transparent	order-no.:	73,80,75
single wire BIAF 1,5 green/yellow	order-no.:	73,80,83
feeler	order-no.:	70,30,03
heating 630 W 230 V	order-no.:	71,10,03
for type 26080/40		

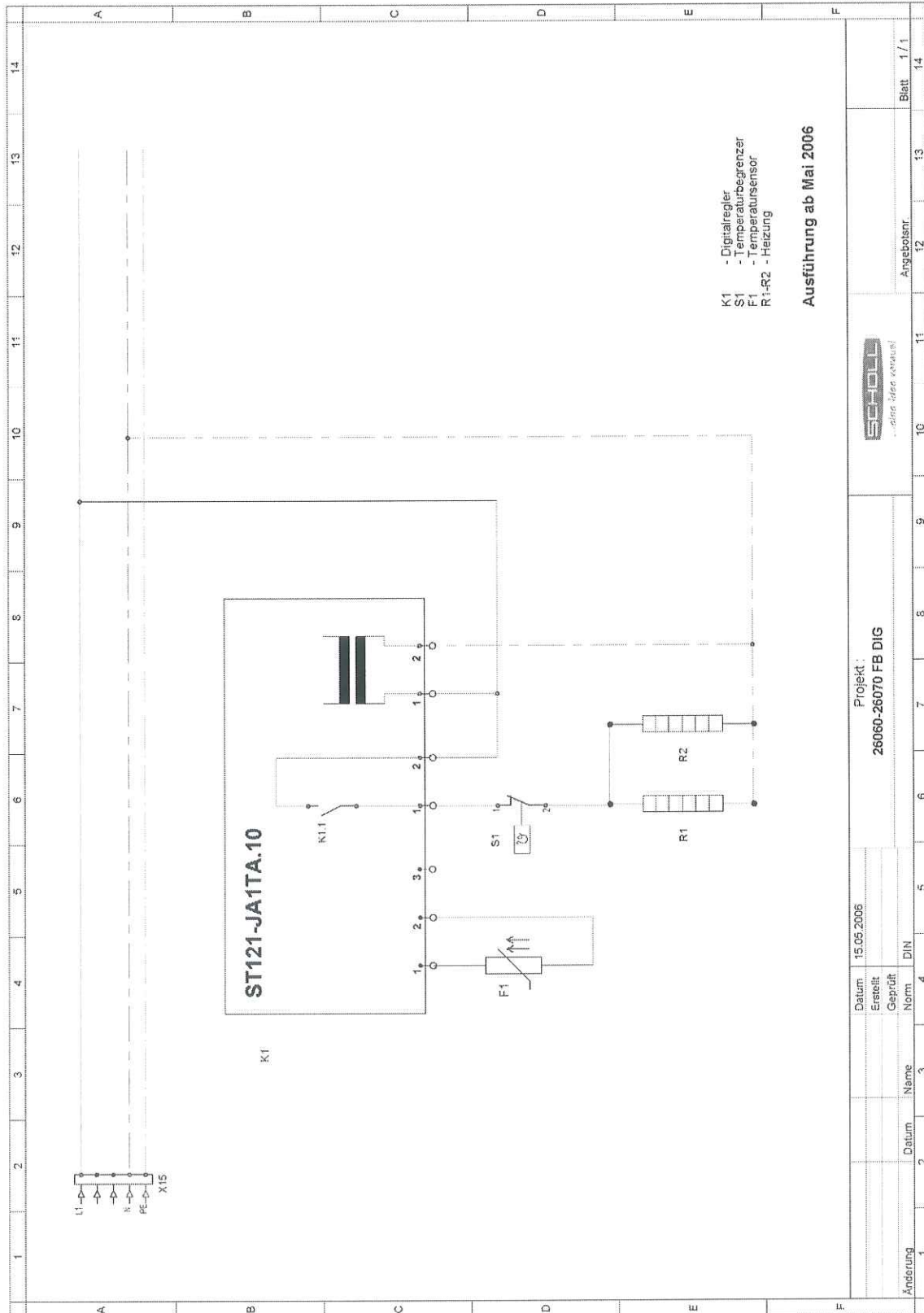
Replacement parts for loosely attached digital thermostat-case

Thermostat digital ST121-JA 1TA.10 from May 2006	order-no.:	70,11,01
Thermostat digital, No. 201673 until April 2006	order-no.:	70,10,02
Transformer ST 70 until April 2006	order-no.:	70,30,02
toggle green for 2009 until April 2006	order-no.:	73,15,05
clip 4-pole for 2006/8	order-no.:	73,30,20
connecting cable 3 x 1,0 H05RN - F	order-no.:	73,70,30
silicon-cable 3 x 1,5	order-no.:	73,80,03

Your specialised dealer can obtain our fitting and proved replacement parts.

All electrical repairs have to be carried out by authorised specialists.

Hotplate 26060 FB DIG - 26080 FB DIG



Hotplate 26060 FB DIG - 26080 FB DIG



Hotplate 26060 FB DIG - 26080 FB DIG



Appendix

-AN-

G.SCHOLL Apparatebau GmbH & Co. KG
Zinhainer Weg 4

56470 Bad Marienberg / Ww.

Replacement parts sales Telephone +2661/9868-34/-35 Telefax +2661/9868-38
E-mail: service@scholl-gastro.de

Technical services Telephone +2661/9868-44 Telefax +2661/9868-48
E-mail: technik@scholl-gastro.de Contact: Mr. Jens Schell