



Philips Consumer Lifestyle

# Service Manual

## PRODUCT INFORMATION

### Features

- Automatic energy saving
- Steam Glide soleplate
- Steam rate 35 g/min
- Steam boost 100 g/min
- Water tank capacity 300 ml
- Extra long cord 3 m
- Double active anti-calc system
- Drip stop system
- Soft touch handle
- Steam tip
- Automatic safety shut-off

### Safety Information

- This product meets the requirements regarding interference suppression on radio & TV.
- After the product has been repaired, it should function properly & has to meet the safety requirements as officially laid down at this moment.

## TECHNICAL INFORMATION

Voltage	: 120 V, 230 V
Frequency	: 50 - 60 Hz
Power	: 1300 W, 2200 W
Dimension (F-box)	: 130 mm x 335 mm x 168 mm (Depth x Width x Height)
Net weight	: 1.59 kg

### Water advice

In case you live in an area with hard water (e.g. water hardness more than 8 dGH), it is recommended to use a mixture of 50 % tap water and 50 % demineralised water.

### Automatic energy saving

90 % of the energy a steam iron uses is used to convert water into steam. This steam iron with innovative mechanism in the handle makes sure that you still get high steam performance, but with optimal use of energy.

The automatic energy saving technology is such that

- when you put the iron down on the garment and press the handle gently (which you normally do during ironing!), it steams at full power.
- when you lift the iron, the steaming reduces to a minimum.

### Steam Glide soleplate

This specially treated soleplate is designed with 2 distinctly different types of steam vents:

- Large vents for maximum crease removal
- Fine vents for best glide

### Double active anti-calc system

Anti-calc cassette inside water tank & calc cleaning feature provide double protection against scale build-up. Calc clean is integrated with steam control.

**BACKPLATE SCREW COVER 25**

**BACKPLATE MOULDED 8**

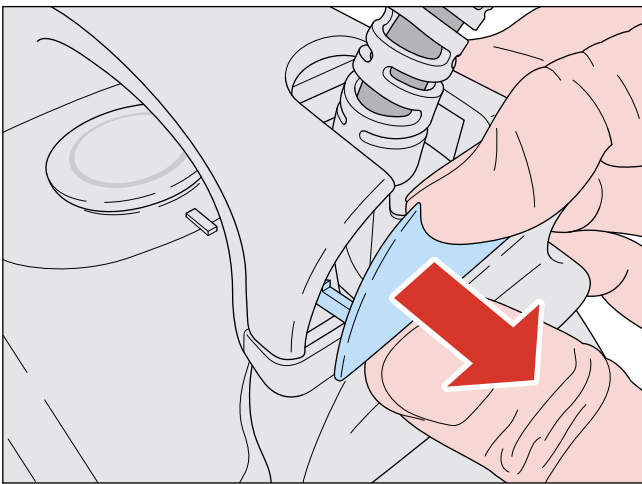
- Disassemble **BACKPLATE SCREW COVER 25**
- Remove **screw A**
- Disassemble **BACKPLATE MOULDED 8**

**INLAY COVER MOULDED 26**

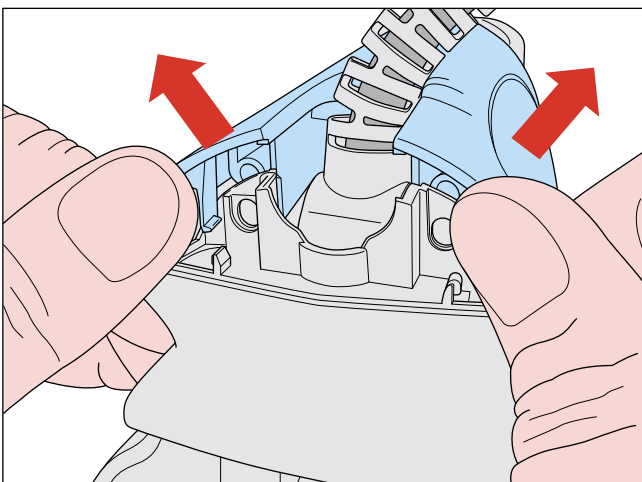
**INLAY MOULDED 19**

**ASO ASSY 28**

- Disassemble **INLAY COVER MOULDED 26**



- Remove **screw B1, B2**
- Disengage **rear catch of INLAY MOULDED 19**
- Disassemble **INLAY MOULDED 19**



**FILLING DOOR ASSY 24**

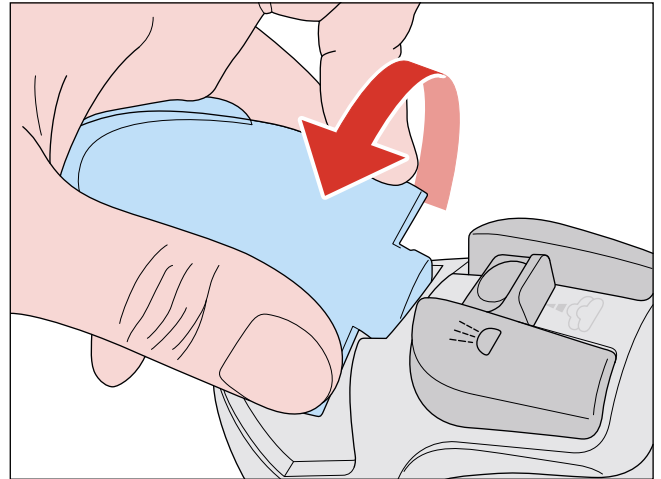
**SUB-INLAY PRINTED 22**

**WATER TANK & HOUSING ASSY 11**

**SWIVEL MOULDED 7**

**CORDSET 9**

- Disassemble **FILLING DOOR ASSY 24**



- Remove **screw C**
- Disassemble **SUB-INLAY PRINTED 22**
- Disassemble **TANK TOP SEAL 17**
- Remove **screw D1, D2, D3**
- Disassemble **WATER TANK & HOUSING ASSY 11**
- Disengage **quick-connectors of CORDSET 9**
- Remove **screw E1, E2**
- Disassemble **swivel column**
- Disassemble **SWIVEL MOULDED 7**
- Disassemble **CORDSET 9**

**COVER ASSY 5**

**SOLEPLATE MOUNTED ASSY 1**

- Remove **screw F1, F2, F3**
- Disassemble **THERMOSTAT BUSH 10**
- Disassemble **COVER ASSY 5**
- Disassemble **SOLEPLATE MOUNTED ASSY 1**

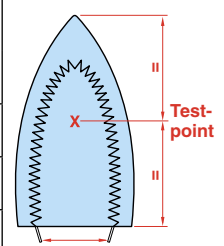
- Due to the high wattage of the iron, only the specified cord set must be used.
- Should damage be observed on the **CORDSET 9**, it must be replaced. Continued usage is not allowed.
- For standardization reason, the **COVER ASSY 5** is provided without type plate information eg. type number, voltage etc. When replacing the cover, engrave the type number & voltage on the type plate with a sharp object.
- After the product has been repaired, it should function properly and has to meet the safety requirements & legal regulations as laid down & officially established at this moment.
- The following tests are common checks that are conducted on a repaired product before it is returned to the consumer.

**1. Soleplate temperature**

Check that soleplate temperature is within IEC requirement.

Measure the temperature of the soleplate after the iron has reached steady state i.e connected to the mains for at least 15 minutes. The table below shows the temperature requirement.

Marking	Soleplate temperature (Deg C)			Material, for example
	Minimum	Maximum	Nominal + Tolerance	
• (1 dot)	70	120	95 ± 25	Acetate, elastane, polyamide, polypropylene
•• (2 dots)	100	160	130 ± 30	Cupro, polyester, silk, triacetate, viscose, wool
••• (3 dots)	140	210	175 ± 35	Cotton, linen



**2. Leakage current**

Check that leakage current is within IEC requirement.

Measure leakage current between LIVE/NEUTRAL & EARTH.

IEC requirement is that at 230 V supply, the EARTH leakage current must be less than 0.75 mA.

**3. Water leakage / Functionality**

Check that there is no water leakage from any part of the product during operation.

Check that the functionality of the product (product dependent) eg. steaming, variable steam, SOS, ASO etc is working properly.

**4. Loose part**

Check that there are no loose parts eg. extra screw in the product that can cause short-circuit or product malfunction.

Pos	Service code	Description
1	4239 021 39870	Soleplate mounted assy 230 V / 2200 W
	4239 021 41401	Soleplate mounted assy 120 V
2	4239 015 54410	SOS seal
3	4239 025 98250	Ryton spacer
4	4239 015 55920	Dosing seal
5	4239 021 53140	Cover assy
6	4239 010 11290	Heat shield
7	4239 026 36990	Swivel moulded
8	4239 026 37240	Backplate moulded
9	4239 000 07760	Cord set EU
	4239 000 09802	Cord set Singapore / Hong Kong
	4239 000 10594	Cord set Thailand
	4239 000 09654	Cord set Taiwan
	4239 026 13220	Thermostat bush
11	4239 021 53640	Water tank & housing assy
	4239 021 57941	Water tank & housing assy - Singapore
	4239 021 58141	Water tank & housing assy - Taiwan
17	4239 015 55800	Tank top seal
18	4239 021 50050	Thermostat dial printed
	4239 021 54851	Thermostat dial printed - Eng text
19	4239 026 36860	Inlay soft touch
20	4239 026 33580	Spray knob moulded
21	4239 026 33590	SOS knob moulded
22	4239 021 54931	Sub-inlay printed & Steam slider assy
24	4239 021 53160	Filling door assy
25	4239 026 36900	Backplate screw cover
26	4239 026 36940	Inlay cover moulded
27	4239 026 10270	Filling cup
28	4239 021 54831	ASO - 230 V
	4239 021 57771	ASO - 120 V

