

**Philips Domestic Appliances and Personal Care**

# Service Manual

**PRODUCT INFORMATION****Features**

- SteamGlide soleplate
- Ionic deep steam
- Easy reach steam tip
- Continuous steam up to 40 g/min
- Shot of steam up to 130 g/min
- Vertical shot of steam
- Drip stop
- Double active calc clean
- Water tank capacity 335 ml
- Power cord length 3.0 m
- Cord winder
- Cord binder (Velcro)
- Ergonomic soft grip
- Automatic safety shut off

**EMF & 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	: 220 - 240 V
Frequency	: 50 - 60 Hz
Power	: 2000 - 2400 W
Dimension (F-box)	: 13.5 cm x 33.5 cm x 16.8 cm
Product weight	: 1.83 kg

**Water Advice**

Suitable for tap water use. Advise to mix with equal portion of distilled water or use only distilled water if the tap water is very hard.

**SteamGlide 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

**Ionic deep steam**

Ionization process produces smaller steam particles. The finer steam leads to deeper & better penetration into fabrics.

**Double active calc clean**

Anti-calc cassette inside water tank & calc cleaning feature provide double protection against scale build-up.

**Automatic safety shut off**

The iron shuts off automatically if remain motionless for 30 sec in horizontal position or 8 min in vertical position.

**Cord binder**

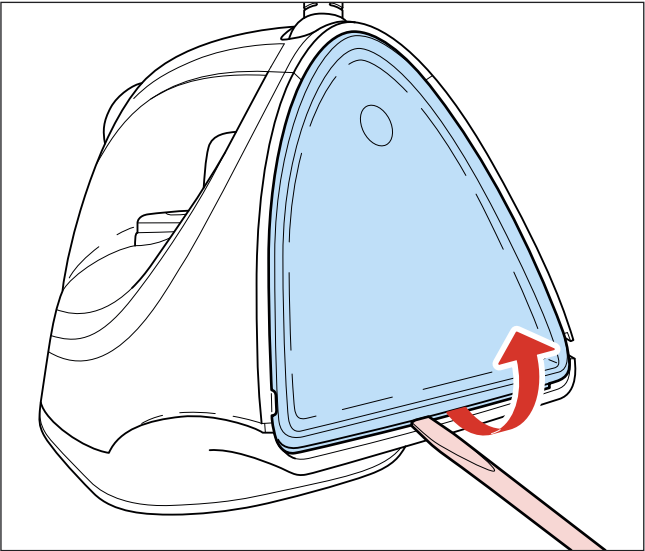
Velcro strap attachment on the cord allows easy cord storage.

BACKPLATE COVER 16
BACKPLATE BUNG 24
BACKPLATE 14
INLAY ASSY 18
FILLING DOOR ASSY 17
TANK TOP SEAL 9
SOS KNOB 22
SPRAY KNOB 23
ASO IONIC 21
IONIZER ASSY 19
WATER TANK-HOUSING-COVER TRIM ASSY 6
CORDSET 25
BALL SWIVEL 15

Disassemble	BACKPLATE COVER 16 (see Picture 1 below)
Disassemble	BACKPLATE BUNG 24
Remove	Screw A
Disassemble	BACKPLATE 14
Disassemble	Inlay cap
Remove	Screw B
Disassemble	INLAY ASSY 18
Remove	Screw D1, D2, D3
Disassemble	ASO IONIC 21
Remove	Screws G1, G2, G3, H3
Disassemble	WATER TANK-HOUSING-COVER TRIM ASSY 6
Remove	Screw E
Disassemble	Ionizer cap
Disassemble	IONIZER ASSY19
Disassemble	CHAMBER TOP INSERT 20
Remove	Screws C1, C2
Remove	Cord clamp
Disengage	Quick-connectors of CORDSET 25
Disassemble	CORDSET 25
Disassemble	BALL SWIVEL 15

HOUSING 11
COVER TRIM 5
SPRAY PUMP ASSY 7
SOS PUMP ASSY 8
THERMOSTAT DIAL 27
THERMOSTAT BUSH 26
HEAT SHIELD 13
COVER BOTTOM 12
RYTON SPACER 3
DOSING SEAL 4
SOS SEAL 2
SOLEPLATE ASSY 1

Remove	Screws F1, F2, F3
Disassemble	HOUSING 11
Disassemble	SPRAY PUMP ASSY 7
Disassemble	SOS PUMP ASSY 8
Disassemble	THERMOSTAT DIAL 27
Remove	Screws H1, H2
Disassemble	COVER TRIM 5
Remove	Screw J3
Disassemble	HEAT SHIELD 13
Remove	Screws J1, J2
Disassemble	COVER BOTTOM 12
Disassemble	DOSING SEAL 4
Disassemble	SOS SEAL 2



Picture 1: Disassemble BACKPLATE COVER

- Due to the high wattage of the iron, only the specified cord set must be used.
- Should damage be observed on the **CORDSET 25**, it must be replaced.  
Continued usage is not allowed.
- If **COVER 12** 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 43530	Soleplate assy - Ionic
2	4239 015 57670	SOS seal
3	4239 025 98250	Ryton spacer
4	4239 015 57350	Dosing seal
5	4239 021 44130	Cover trim
6	4239 021 45780	Water Tank-Housing-Cover Trim Assy
7	4239 021 43960	Spray pump assy
8	4239 021 33830	SOS Pump assy
9	4239 015 55800	Tank top seal
10	4239 026 28110	Plastic rattle spring
11	4239 021 45030	Housing ionic assy
12	4239 021 44180	Cover bottom
13	4239 010 10760	Heat shield - Ionic
14	4239 026 29730	Backplate
15	4239 026 29790	Ball swivel
16	4239 026 28500	Backplate cover
17	4239 021 43860	Filling door assy
18	4239 021 44990	Inlay assy
19	4239 021 45480	Ionizer assy
20	4239 021 45540	Chamber top insert
21	4239 021 44010	ASO Ionic
22	4239 026 29610	SOS knob
23	4239 026 29650	Spray knob
24	4239 026 28410	Backplate bung
25	4239 000 10030	Cordset EU
26	4239 026 28140	Thermostat bush
27	4239 021 44200	Thermostat dial
28	4239 026 05990	Filling cup

