TIECO INSTALLATION GUIDE

TP08VS Installation & Commissioning Guide

Aeolus industrial ironing system with steaming, suction, blowing and heated table.

Professional installation required. This guide does not replace the manufacturer's model-specific manual, rating plate or wiring diagram. Electrical work must be completed by a qualified electrician, and plumbing/drainage work by a competent installer.

Installation data

Model	Aeolus / EOLO TP08VS
Standard electrical supply	400 V + N, 50 Hz (confirm rating plate; 230 V version may be available)
Boiler	10 litre stainless steel, energy-saving design
Boiler power	6.0 kW
Working steam pressure	5 bar
Professional iron	900 W
Heated worktop	1100 W
Suction	2 x 0.5 HP motors
Blowing	0.5 HP motor
Ironing surface	120 x 40 cm, stainless steel and aluminium
Worktop height	92 cm
Overall dimensions	Approx. 59 x 160 x 94 cm
Weight	Approx. 120 kg
Control	Electronic display panel

Site-readiness checklist

- Machine rating plate and factory wiring diagram available
- Dedicated electrical supply and local lockable isolator prepared
- Correct neutral and protective earth available where required
- Suitable water supply and accessible isolating valve prepared
- Water treatment assessed for local hardness
- Heat-resistant boiler drain route/collection point prepared
- Level floor and safe service clearances provided
- Handling equipment rated for approximately 120 kg available
- Ordered accessories and fixings present
- Qualified electrician and, where needed, competent plumbing installer booked

Step-by-step installation

1

Confirm the supplied configuration

Check the rating plate, voltage, frequency, accessories and wiring diagram supplied with the machine. The standard UK configuration is normally 400 V three-phase plus neutral at 50 Hz; a 230 V version may be factory supplied on request. Do not assume the electrical arrangement from the model name alone.

2

Survey the installation area

Provide a level, dry, well-lit and ventilated working area. Allow enough clearance to operate the pedals, open service panels, route hoses and remove the boiler drain safely. Keep the machine away from combustible materials, wet zones and obstructed escape routes.

3

Plan delivery and handling

The machine weighs approximately 120 kg. Use suitable lifting equipment and trained handlers. Keep it upright, lift only from structural base points and never use the ironing board, iron rest, pipes or control panel as lifting points.

4

Unpack and inspect

Remove packaging carefully. Check the table, boiler, iron, pedals, hoses, cable, accessories and panels for transit damage. Photograph and report damage before installation. Remove transport restraints, protective films and loose packing from service areas.

5

Position and level the table

Move the unit into its final position before connecting services. Adjust the feet so the chassis is stable and the 120 x 40 cm worktop is level. The machine must not rock when the pedals are operated. Maintain service access around the electrical and boiler compartments.

6

Fit ordered accessories

Install the sleeve arm, overhead cable support, light, steam brush, steam gun, second iron or other factory options using the supplied fixings and instructions. Confirm that moving arms lock correctly and that hoses cannot rub, kink or contact hot surfaces.

7

Connect the water supply

Where the machine is fitted for automatic boiler filling, connect it to a clean, controllable water supply using the connection size and pressure stated in the supplied technical documentation. Fit an accessible isolating valve. In hard-water areas, use the water treatment specified by Aeolus/TIECO; untreated scale can damage the boiler, valves and level controls.

8

Connect the boiler drain

Route the boiler blow-down/drain connection to a heat-resistant drain point or approved collection vessel. The route must be secure, continuously falling where practical and protected from accidental contact. Never discharge hot pressurised water where it could injure staff or damage flooring.

9

Complete the electrical installation

A qualified electrician must provide the dedicated supply, local lockable isolator, protective devices, earthing and final connection in accordance with the rating plate, wiring diagram and current UK regulations. Check phase, neutral and protective-earth conductors. Do not fit a plug or breaker based only on the nominal kW figures in this guide.

10

Inspect steam and iron connections

Confirm that the professional iron, steam hose and electrical lead are connected to the correct outlets. Check hose unions, gaskets and cable supports. The iron hose must move freely without twisting, touching sharp edges or lying against the heated worktop.

11

Pre-start safety checks

Make sure the boiler drain is closed, water is available, all panels and guards are fitted, emergency access to the isolator is clear and the ironing cover is correctly tensioned. Verify that no tools, packaging or loose parts remain inside or on the machine.

12

Initial power-up and filling

Open the water isolating valve, then switch on at the local isolator and machine control panel. Allow the automatic filling cycle to complete where fitted. Watch for leaks and abnormal noises. If the pump runs without filling, switch off immediately and check the water supply and installation.

13

Heat the boiler and worktop

Select the boiler and heated-board functions. Allow the boiler to reach operating pressure and the board to reach its set temperature. The TP08VS operates at up to 5 bar steam pressure with a 10-litre stainless-steel boiler and 1100 W heated worktop. Do not leave the first heat-up unattended.

14

Test suction and blowing

Operate each pedal/control separately. Confirm that both suction motors hold fabric evenly across the board and that the blowing function creates a stable air cushion. Check for unusual vibration, rubbing fans, blocked airflow or loose ducting.

15

Flush and test the steam iron

With the iron safely directed away from people and garments, briefly release steam into a suitable cloth or container until any installation condensate clears. Check the thermostat, steam switch, hose unions and cable. Steam should be dry and consistent without water spitting after warm-up.

16

Check for leaks and correct operation

Inspect the water inlet, drain, boiler fittings, iron hose and any steam accessories. Confirm the pressure control cycles correctly, the electronic display operates, and the machine stops and restarts normally. Switch off immediately if pressure rises abnormally, water leaks, electrical protection trips or burning smells occur.

17

Commission with a test garment

Test heat, suction, blowing and steam on a clean sacrificial garment. Confirm the cover is dry, airflow is even and the iron temperature suits the fabric. Demonstrate the correct use of each mode to the operator.

18

Handover and record

Give the operator the manufacturer instructions, electrical test information, water-treatment requirements and maintenance schedule. Record the model, serial number, supply details, installation date and installer. Keep this information with the machine service record.

Commissioning acceptance checks

- ☐ Machine stable, level and service panels accessible
- ☐ Supply voltage, phase arrangement, neutral and earth verified against rating plate
- ☐ Electrical protective devices and isolation tested
- ☐ Water inlet and boiler drain secure and leak-free
- ☐ Boiler fills correctly and reaches operating pressure
- ☐ Pressure control and safety devices operate without abnormal behaviour
- ☐ Heated worktop warms evenly
- ☐ Both suction motors and blower operate correctly
- ☐ Iron thermostat and steam switch operate correctly
- ☐ Steam is consistent after condensate has cleared
- ☐ No abnormal noise, vibration, smell, overheating or leakage
- ☐ Operator trained and documentation handed over

Routine care after installation

Daily	Wipe the worktop and iron soleplate when cool; inspect the cover, hose and cable; drain condensate only as instructed.

Weekly / according to use	Check airflow openings, pedal operation, water treatment and boiler blow-down requirements. Never open a pressurised drain or cap.
Periodically	Inspect electrical connections, hoses, seals, safety controls and boiler condition through a competent service engineer.
Hard-water locations	Monitor treatment media and scale indicators more frequently. Scale damage is preventable and may not be covered as a manufacturing fault.

Installation record

Customer / site	
Machine serial number	
Electrical supply confirmed	
Water treatment fitted	
Installer / company	
Installation date	
Commissioning result	
Notes	