

SXFIREPLACE

KT ADJUSTABLE-FLAME SMART ETHANOL FIREPLACE INSTALLATION, OPERATION & MAINTENANCE

Display control, remote operation and multi-sensor protection



! IMPORTANT SAFETY WARNING

Failure to follow this manual may result in fire, flash ignition, property damage, serious injury or death. Read completely before installation or operation.

APPROVED FUEL ONLY

NEVER FILL HOT

KEEP CHILDREN AWAY

KEEP EXTINGUISHER

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This manual applies to KT adjustable-flame vaporising ethanol fireplaces. Dimensions and features may be customised; the product nameplate, approved order drawing and factory configuration are authoritative.

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SAFETY

01

WARNING - HIGH TEMPERATURE, OPEN FLAME AND DELAYED SHUTDOWN

The KT appliance heats fuel to generate combustible vapour. Residual vapour may continue to burn for approximately 3-8 minutes after shutdown. Do not leave, move, fill or service the appliance until the flame is fully extinguished.

- Use only the specified 95% bioethanol. Do not use industrial alcohol, methanol, gasoline or blended fuel.
- Install level on a non-combustible structure. Keep combustibles at least 500 mm from the installation and out of the 3 m zone above the appliance.
- The appliance must be attended during operation. Keep children and untrained persons away.
- Keep a dry-powder or carbon-dioxide extinguisher nearby. Stop use immediately for a leak, smoke, unusual odor or alarm.
- The supplied glass is heat resistant but is not tempered. Protect it from impact, dropping and edge loads.

PRODUCT CONSTRUCTION AND DATA

02

Item	General reference
Supply	220 V AC
Power	Approx. 1250 W/m
Operating current	Approx. 1.8-5.6 A/m
Standby power / current	Approx. 5.1 W / 0.023 A
Fuel tank capacity	Approx. 8-10 L/m
Weight	Approx. 26.5 kg/m, excluding glass
Reference body section	Custom L x 250 W x 250 H mm

Assembly	Description
Combustion and sensing	Burner ventilation, core, flame sensor and igniter
User interface	Rising display, voice prompts and remote control
Ventilation	Panel fan, internal fan, cooling openings and tank vent
Connections	220 V power; smart-home and external-tank options

SUPPORT STRUCTURE AND VENTILATION

03

01

Construct the support from stone, masonry, steel or concrete. Install the appliance only after decorating work is complete and the area has been cleaned.

02

General opening reference: $L2 = L + 30 \text{ mm}$; $W2 = W + 20 \text{ mm}$; $H2 = H + 10 \text{ mm}$. The approved order drawing takes precedence.

03

Provide ventilation at positions A, B or C. Recommended total opening length is about one third of the appliance length, with a 20-40 mm opening height and a metal pest screen.

04

Provide an earthed 220 V / 3 kW / 20 A supply and a nearby wall isolator with adequate rated capacity.

05

Level the unit in every direction. Fit a back-draft damper where outdoor wind could reverse a chimney or ventilation flow.

Do not obstruct airflow

Do not close or cover the burner air passage, panel cooling openings, tank vent or installation ventilation. Restricted airflow may prevent correct operation or create a hazard.

DISPLAY AND REMOTE CONTROL

04

Display group	Function
Fuel	External tank level when fitted and internal tank level
Flame	10%-100%, 20-step adjustment, approximately 5% per step
Operation	Heating, ignition, fan, delayed start/stop and sensor status
Settings	Language, date, volume, timer, thermostat and Wi-Fi reset
Service	Drain while off, component tests and live parameters

- Press the display cover down approximately 1-3 mm; the mechanism rises automatically. Do not pry it open or obstruct its travel.
- After about one minute without input, the cover prompts and closes after a delay.
- Remote functions: power, display cover, flame increase and flame decrease. Hold increase and decrease together for about 5 seconds for child lock.
- The password-protected parameter page is for authorised service use only. Do not change factory safety values.

FIRST FILLING AND OPERATION

05

01

Confirm the appliance is level, ventilation is clear and electrical installation is complete. Turn on the wall isolator.

02

Press the display cover. Prepare 95% bioethanol, remove the silicone cap from the IN port and connect the supplied hose.

03

Place the other end in the fuel container and press Fill on the display. The pump stops automatically at the high level.

04

Remove the hose, wipe up every drip and refit the silicone cap. Keep ethanol away from titanium-finished panels.

05

Press Power. Fuel heating and vapour generation normally take approximately 3-15 minutes, followed by automatic ignition. Flame stabilisation may take another 1-2 minutes.

06

After changing the flame setting, allow approximately 1-2 minutes to reach the new level. Use the lowest setting that meets the viewing and heat requirement.

07

After shutdown, allow residual vapour to burn out, normally within approximately 3-8 minutes. Isolate power only after the flame is fully extinguished.

Flame reference: In still indoor air, the maximum flame is approximately 200-300 mm and the minimum approximately 30-50 mm. Actual height varies with environment, fuel level and model.

PROTECTION, MAINTENANCE AND FAULTS

06

- The control system monitors room temperature, tank temperature, internal and external levels, leakage, heating elements, vapour generation and major sensors.
- A fault causes a voice prompt and stops the relevant function. Record the message and display page; do not force continued operation.
- Before every use, confirm the burner outlet and ventilation openings are free of dust, debris and coverings. Disconnect power and cool fully before cleaning.
- Wipe surfaces with a clean damp cloth. Do not use blades, metal tools or abrasive cleaning methods on the panel.
- Service only under authorised guidance. Do not dismantle the appliance. Use the original packaging and drain all fuel before return shipment.

Alarm / condition	Action
Low level	Shut down and add approved fuel
High level / leak	Stop filling and operation, isolate power and contact support
No vapour / ignition failure	Do not force repeated starts; follow the prompt and contact support
Temperature protection	Keep clear and allow cooling; the appliance may restart automatically
Display mechanism fault	Do not pry the cover; contact support

WARRANTY AND SUPPORT

07

The standard whole-unit warranty for the KT series is three years. Confirmed component faults are handled under the sales contract and service policy. Unauthorised modification, unsuitable fuel, incorrect installation, water ingress, impact, corrosion and force majeure are excluded from free warranty service.

Model configuration: Smart-home, Wi-Fi, external tank, thermostat and timer functions are included only when stated on the order and product configuration.

SXFIREPLACE

SERVICE AND TECHNICAL SUPPORT

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When contacting support, provide the model, serial number, alarm message and site photos or video.



VISIT WEBSITE

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