

SXFIREPLACE

SXKT Series

Intelligent Ethanol Vapour Fireplace Detailed User Manual



Product appearance for reference; the configuration supplied is subject to the order

English edition · 1.0 · 2026-09-13

Models: KT1200-KT2400 in 100 mm increments, 13 models. Sales code: SXKT-001-length, for example SXKT-001-1200.

Read this manual in full before installation, first ignition, filling or maintenance. Give it to the actual operator and retain it with the installation drawing, order and rating-label information.

01 Reading guide and operating principles

KT heats ethanol to produce vapour, then automatically ignites that vapour. Preparation takes time after starting, and remaining vapour can continue burning after a stop command. Pressing Start/Stop does not produce or extinguish a flame instantly.

KT provides 20 flame levels and panel, remote and app control. Smart-home interfaces and external tanks depend on the order. Do not apply RX panel letters, H-tool enabling or bottom-hose drain instructions to KT.

Sections	Purpose
02-03	Safety, receipt and specification checks
04-06	Installation, supply, handling and commissioning
07-09	Components, touchscreen, remote and child lock
10-14	Filling, preheating, adjustment, automatic functions and shutdown
15-18	Draining, protection, care, repairs and service

First use should be guided by the factory, dealer or installer, either onsite or by video. Before operating independently, users must know how to stop the appliance normally, recognise residual flames and high temperatures, stop filling, disable automatic functions and contact after-sales service.

“Fully extinguished” means that no flame remains; it does not mean that the panel and interior have cooled. “Press once” means press and release. Before filling, draining or cleaning, the flame must be fully extinguished and the appliance must cool below 40°C. Never touch a hot surface to check its temperature.

02 Safety requirements and prohibited actions

Safety instructions

This appliance produces a real flame. Never leave it unattended during operation. Keep children and pets away from flames and hot surfaces.

Use only 95% ethanol fireplace fuel. Do not use methanol, petrol or unsuitable industrial alcohol. Do not pour fuel directly into the burner trough.

Before filling or draining, shut down normally, visually confirm complete flame extinction and allow the appliance temperature to fall below 40°C. Temperature interlocks do not replace these checks. Never bypass protective controls.

Do not touch hot panels to assess cooling. Do not fill, drain, move or service the appliance while burning, while residual flames remain, or before it has cooled.

Keep the unit level, the room ventilated and the ventilation openings clear. Do not cover the burner trough or move sensors, ignition electrodes or fuel lines.

Stop use and contact service after leakage, fuel ingress or ignition failure. Do not repeatedly attempt ignition. Elapsed waiting time alone does not establish that internal fuel leakage is safe.

Keep fire-extinguishing equipment suitable for ethanol fires nearby and know how to use it. Do not throw water onto burning ethanol. If a fire cannot be controlled safely, evacuate and contact the fire service. Do not approach flames to reach a switch.

Temperature protection is supplementary. Filling is inhibited when the burner is above 40°C, but normal shutdown, extinction, cooling and leak checks remain necessary. Level protection does not replace supervision of the hose, fuel container and port.

The child lock does not replace adult supervision. When thermostat or timer functions are enabled, an absence of flame can be followed by automatic starting. Do not fill, drain or clean during a protective or thermostat pause.

03 Receipt checks and model specifications

Inspect the outer packaging before unpacking, then inspect the panel, burner trough, glass, connectors and power cable. If there are transport dents, cracks, loose parts, seepage or cable damage, take photographs and contact the supplier. Do not power on the unit for a test. Retain the original packaging for repair transport.

Model specifications

Dimensions are in mm, weights in kg and volumes in L. The following figures are manufacturer-supplied reference data; the actual rating label, documents supplied with the product and order configuration determine the supplied specifications. The stated tank capacity is also the confirmed maximum filling quantity. Do not exceed it.

Overall panel dimensions: model length × 260 × 230 mm; power supply: 220-240 V AC. Sales code: SXKT-001-length, for example SXKT-001-1200.

Model	Net weight kg	Max. fill L	Electrical power W	With wooden crate kg
KT1200	32	12	1250	45.96
KT1300	34	13	1350	49.4
KT1400	37	14	1450	54
KT1500	39.9	15	1550	57.45
KT1600	42.5	16	1650	61.28
KT1700	45	17	1750	66
KT1800	47.9	18	1850	69
KT1900	50	19	1950	72.77
KT2000	53	20	2050	79.6
KT2100	55.9	21	2150	80
KT2200	58.5	22	2250	84.26
KT2300	61	23	2350	88
KT2400	63.8	24	2450	90

Electrical draw varies with setting and operating phase; the unit does not continuously draw the listed power.

Reference ethanol use: 0.8-3 L per metre per hour, depending on flame setting and conditions. Electrical input is not combustion heat output.

The 230 mm model height does not include additional installation space or the total height of the glass wind guard. Package dimensions by model length are (model length + 70) × 350 × 410 mm. Check the glass and custom accessories separately against the order.

04 Cutout, materials and installation space

Use non-combustible materials such as stone, steel or brickwork for the installation platform. Do not use wood or combustible materials. Install the unit level on a stable, load-bearing platform. Provide support underneath long models; do not suspend them solely from the panel.

Cutout length = top-panel length minus 30 mm. Cutout width = top-panel width minus 30 mm. Recess depth must exceed appliance height plus 20 mm. Distinguish top-panel dimensions from the installation opening.

Model	Cutout L × W / mm	Depth / mm
KT1200	1170 × 230	>250
KT1300	1270 × 230	>250
KT1400	1370 × 230	>250
KT1500	1470 × 230	>250
KT1600	1570 × 230	>250
KT1700	1670 × 230	>250
KT1800	1770 × 230	>250
KT1900	1870 × 230	>250
KT2000	1970 × 230	>250
KT2100	2070 × 230	>250

Model	Cutout L × W / mm	Depth / mm
KT2200	2170 × 230	>250
KT2300	2270 × 230	>250
KT2400	2370 × 230	>250

Maintain overhead clearance greater than 500 mm in a non-combustible enclosure. This is not permission to place combustible materials at that distance. Keep combustible decoration out of the 500 mm zone around the installation platform.

Original KT installation safety requirement: no combustible decorations may be suspended within 3 m above the panel.

Provide ventilation openings underneath and keep them clear. Leave an accessible power connection at the right-hand end, with supply controls that can be operated safely. A qualified person must carry out the electrical installation in accordance with the actual rating label and local requirements.

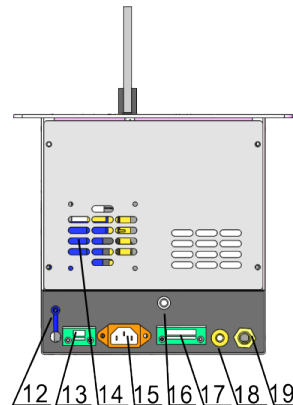
KT1200 example: top panel 1200 × 260 mm; cutout 1170 × 230 mm; depth greater than 250 mm. Use the table for other standard models. Custom widths, heights or structures require their order-specific drawing, not automatic reuse of this table.

Ventilation openings underneath the appliance must connect to an actual airflow path. They must not be blocked by stone slabs, soundproofing materials or stored items after they are formed. Keep the interior of the installation platform dry. Do not store fuel containers, tools or packaging near heat-dissipation passages.

05 Supply, cooling and optional connections

KT uses a 220-240 V AC supply matching its label, not an RX 12 V adapter. Electrical demand varies by model and operating phase; do not size the installation for standby consumption alone. A qualified electrician must select the socket, wiring, protective devices and grounding to match the actual label and local requirements.

Reserve power-connection and service access at the right-hand end, with a safely accessible external isolator. Isolate the supply before installation. Protect cables from pinching, heat and drips. Do not permanently conceal the socket where it cannot be serviced.

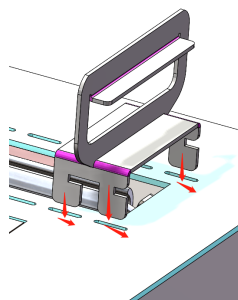


Right-hand connection diagram; numbered items include optional equipment and are not all standard

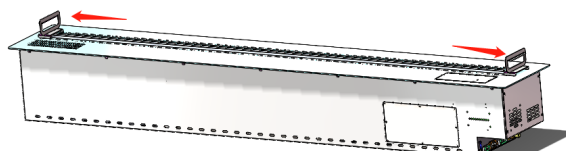
Label	Name and limitation
12	Room-temperature sensing component; do not cover or relocate.
13	Optional smart-home interface; a qualified person must connect it according to the wiring documentation.
14	Internal fan/cooling path; keep clear.
15	AC supply connection.
16	Tank ventilation point; do not block.
17-19	Optional external-tank signal, pipe and filling connections.

Obtain the required smart-home contact specification from the factory for the actual configuration. Never apply mains voltage to a signal port or install an external tank based only on an illustration.

06 Handling, installation and commissioning



Insert the installation handle into its matching slot and confirm secure engagement

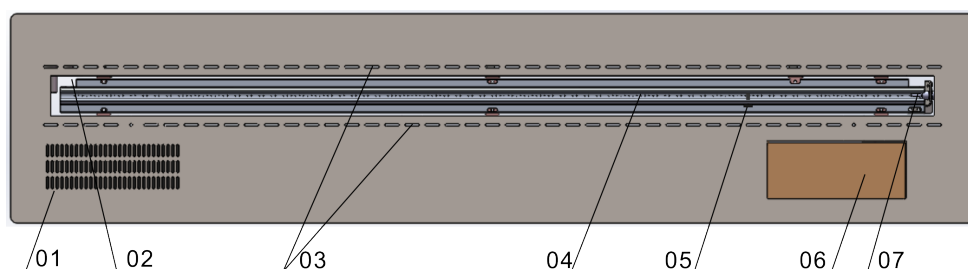


Lift with coordinated support at both ends; store the handles after installation

1. The unit must be cool and not burning, with fuel removed as required for transport or installation. Remove dust, debris and combustible materials from the recess. Check the support underneath and the ventilation.
2. Insert the installation handles at both ends and slide each towards its corresponding end until it engages. Use enough people to lift and lower the unit together. Hold each handle firmly with one hand and support the body with the other. Do not use cables or pipes to bear the weight.
3. Lower slowly into the recess. Check for pinched cables and firm bottom support; do not leave the unit hanging from the thin top panel or twisted under load.
4. Use a spirit level to check both lengthways and crossways, ensuring that both ends of the burner trough are level. Do not rock or tilt the unit while it contains fuel to level it.
5. Have the installer check supply, temperature components, burner outlets, port caps and ventilation before supervised first use.

During the initial handover, demonstrate normal starting and stopping, stopping filling, waiting for the flame to go out, maintenance below 40°C, releasing the child lock and disabling automatic functions. If installation or operation is not understood, contact after-sales service first. Do not proceed by trial and error.

07 Components, display cover and fuel ports



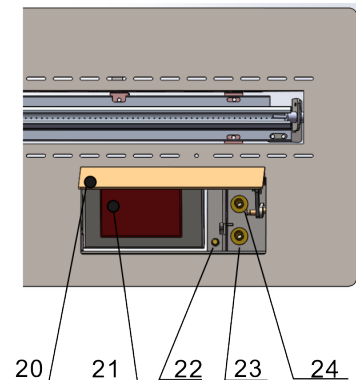
01, 面板通风口, 02, 燃烧槽通气管, 03, 面板散热孔, 04, 燃烧器芯
05, 火焰检测传感器, 06, 显示屏上盖小门, 07, 燃气点火棒

Panel and burner component reference

Labels in the original illustration: 01 panel vent; 02 burner vent; 03 panel cooling openings; 04 burner core; 05 flame-detection sensor; 06 display-cover door; 07 ignition electrode.

Label	Component
01-03	Panel vents, burner ventilation and cooling openings
04	Burner core
05	Flame-detection sensor

Label	Component
06	Display cover
07	Ignition electrode

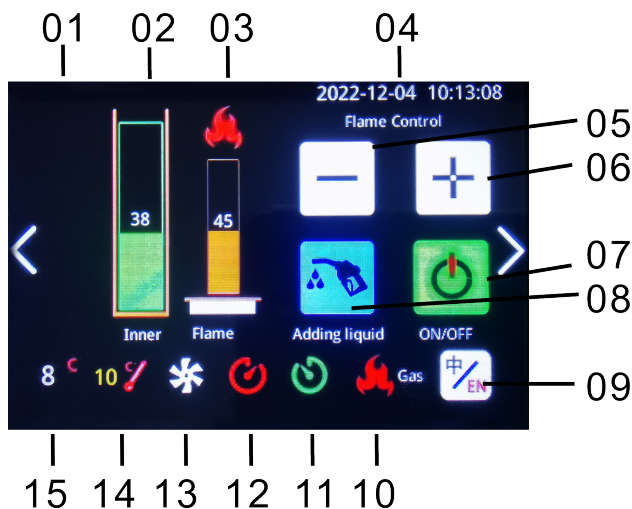


Inside cover: 20 cover, 21 screen, 22 cover button, 23 filling, 24 draining

To open the display, press the position marked OPEN on the cover and allow the mechanism to raise the display. Do not force it open, restrain moving parts or put fingers into gaps. Close it using the corresponding cover button or remote button 02, ensuring that no hose or foreign object is trapped.

IN is the filling port; OUT is the drain port. Check the markings on the actual unit before operation. Keep the area around the ports dry and refit the caps after filling or draining. Component, screen and remote-control numbering systems are separate and must not be mixed up.

08 Touchscreen icons and readings



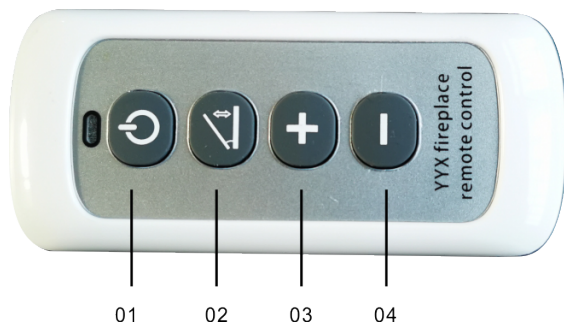
Screen reference; numbers apply only to this screen illustration

Icon	Meaning
01 / 02	External tank (if fitted) / internal tank level
03	Flame setting; not heat-output percentage or permission to fill
04	Date and time
05 / 06	Decrease / increase flame
07	Start / normal stop
08	Filling; only when combustion is stopped and temperature conditions are met
09	Chinese / English language
10	Vapour heating / ignition state
11 / 12	Timer / delayed Start/Stop indicators
13	Fan status

Icon	Meaning
14	Burner temperature display
15	Enclosure / ambient temperature display

Colours and icons change with operating phase. Hiding the preparation page changes the display, not the start command. To stop, use Start/Stop and verify the response. Contact service for abnormal level readings; do not estimate additional litres from a displayed percentage.

09 Remote, app and child lock



Remote buttons 01-04

Button	Action
01	Press once to start; press again for normal stop
02	Open / close display cover
03 / 04	Increase / decrease flame
03 + 04	Hold both buttons together for 5 seconds to lock or unlock the child lock.

The appliance panel cannot enable or release the child lock. App path: device page > More controls > Child lock. Use its switch. Locking does not shut down combustion and does not permit unattended operation.

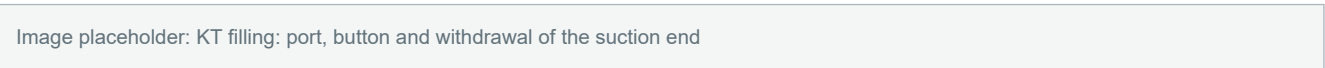
App +/- controls are relative adjustments; the device does not return its actual level. The app should not be treated as an exact current-level display. If connection is lost, check network and appliance state, use a known working local control for normal stop, and avoid repeatedly sending start commands.

If the remote does not respond, first check the battery type, charge, installation direction and child-lock state. Use the battery type specified for the actual remote; do not guess a generic type. Contact after-sales service if a replacement remote requires pairing. Do not apply the RX SET pairing method.

10 Filling: preparation, automatic stop and manual stop

Filling

- Shut down normally, confirm complete extinction and wait until the temperature is below 40°C. Keep the unit level; electrical power may remain connected.
- Open the display cover and connect the filling hose to IN. Place the suction end in a container of 95% ethanol fuel.
- Press the filling icon (08 in the screen diagram) once to start filling. Filling stops automatically at the full level. Do not exceed the model-specific maximum fill quantity.
- To stop early, first lift the suction end out of the fuel container. Allow the remaining fuel in the hose to be drawn in, then press the filling button once to stop. Do not disconnect the appliance end first.
- After the pump stops, prevent residual drips, disconnect the hose and refit the port cap. Check the panel, connections and surrounding area for spills before preparing to start.



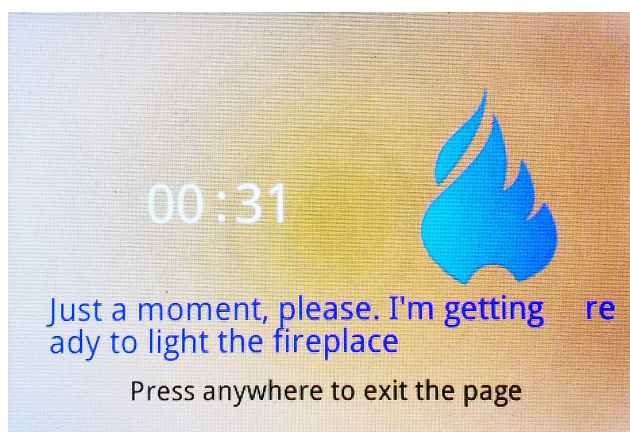
Filling inhibition above 40°C is a protective function, not a fault to bypass. If the fill control does not respond, check normal combustion stop, temperature below 40°C and child-lock state.

Complete automatic or manual pump stop before disconnecting the appliance end. Stop and investigate spills, unexpected filling stops or abnormal level readings; do not force filling by repeated commands. A silent pump alone does not prove that the tank is full.

Ethanol can leave permanent marks on titanium-coated panels. Wiping surface drips does not eliminate an internal leak. Stop use and contact service after internal fuel ingress; do not test by ignition.

11 First startup and preheating

1. Confirm commissioning, disconnected hoses, refitted caps and no spills. Remove fuel containers from the flame area; check ventilation and keep children/objects away while the operator remains present.
2. Start through screen 07, remote 01 or the app. Wait for the response after one command rather than repeatedly pressing.
3. The unit heats ethanol to generate vapour. The preparation screen displays progress and time. Normal preheating takes approximately 3-15 minutes depending on ambient temperature.
4. Ignition starts automatically when the programmed conditions are met. The flame gradually spreads along the full burner. Observe the actual flame and appliance messages; do not rely on the countdown alone to judge whether ignition has succeeded.
5. After stabilisation, adjust gradually if needed. Throughout preparation, do not fill, drain, reach towards the burner or assist ignition with an external flame.



Preparation screen reference; leaving this page does not stop the unit

Minor thermal-expansion sounds can occur during heating/cooling. Do not dismiss smoke, leakage, persistent alarms or abnormal odour as normal. Stop use and contact service if abnormal conditions occur.

If ignition fails, stop use, contact after-sales service by email and follow video guidance. Do not use the fixed 2-minute repeated-restart method from the old draft. Do not attempt to clear a fault by repeated ignition.

12 Flame adjustment and operating observations

KT provides 20 flame levels through screen +/-, remote 03/04 or relative app controls. Allow the display and flame to respond after each adjustment. Do not rapidly command a jump from a low to high flame.

The touchscreen has a refresh delay. The original manual recommends waiting approximately 1-2 seconds after hearing the button-response sound before pressing again. Vapour generation and flame stabilisation require further time. Do not press repeatedly because the flame does not change immediately.

The flame number is a control setting, not heat-output percentage, remaining fuel or permission to fill. A zero/minimum setting is not a completed shutdown; always issue a normal stop at the end of use.

Observation	What to check
Flame direction	Flames should rise upwards and must not be blown directly or drawn by exhaust airflow towards the panel.
Flame distribution	Flame develops along the burner; persistent gaps or abnormal spread require stopping and inspection.
Sounds and messages	Distinguish normal fan noise from fault voice messages and continuous beeping.

Observation	What to check
Panel and glass	They can become hot; do not touch, cover or place objects against them.
Fuel and level	After low-fuel indication, stop and cool before filling; do not open fuel ports while running.

Higher settings generally consume more fuel. The 0.8-3 L per metre per hour range is indicative, not a guarantee for every setting/use. Do not disable cooling fans to reduce noise.

13 Thermostat, timer and automatic recovery

Open the device page > More controls in the app for child lock, thermostat and timer. Thermostat control may pause combustion when conditions are met and reignite automatically after temperature changes; timer tasks can also trigger starting.



Reading the original app screenshot

Device name: Living room fireplace
 Update / connection: Updated just now; device online; standby
 Status: Room temperature: 23°; internal tank: 78%; child lock: unlocked
 Flame intensity: Relative adjustment (- / +). The device does not return its actual flame level.
 More controls: The following values are returned by the device.
 Child lock: Unlocked
 Thermostat: Off
 Timer: No enabled tasks

App More controls: child lock, thermostat and timer; shown with thermostat off and no enabled task

Temporary absence of flame does not mean use has ended. Before leaving, filling, draining or cleaning, issue normal stop, confirm thermostat off and no enabled timer task, and observe complete extinction. Cool below 40°C before maintenance.

KT does not automatically start after external power fails and returns; manual starting is required. This differs from thermostat recovery while power remains on. App disconnection or reconnection does not establish that the unit is off; check its actual state.

14 Normal shutdown, cooling and restart

1. Use screen 07, remote 01 or the app for normal stop and confirm acceptance. Do not routinely disconnect power first instead of issuing stop.
2. Remaining vapour can continue burning, typically extinguishing gradually in about 3-5 minutes. Remain present and confirm complete extinction visually.
3. After full extinction the main supply may be switched off. Disable thermostat and timer tasks rather than mistaking an automatic pause for completed use.
4. Before restarting, wait for the burner trough to cool to approximately 40°C. Before filling, draining or cleaning, it must cool further to meet the requirement of below 40°C.
5. Before leaving, check no residual flame, automatic tasks disabled and the required final power state. Do not cover or move the unit before cooling.

Temperature and time after stop

Flame-out time, restart conditions and filling/draining conditions are three different things. Do not treat 3-5 minutes as a fixed safe cooling period. A “stopped” status on the screen alone does not permit immediate hose disconnection.

If abnormal flame persists after stop, leakage occurs or fire cannot be controlled safely, move away, evacuate and contact emergency services. Isolate external power only if safely accessible; power loss does not guarantee immediate extinction.

15 Draining, storage and transport preparation

Before draining, shut down normally, confirm that the flame is fully extinguished and ensure that the appliance temperature is below 40°C. Prepare a container suitable for ethanol with sufficient capacity. Arrange safe access for the hose first; do not move or tilt the unit while it contains fuel to find the port.

1. Open the display cover and identify OUT, not IN. Remove the OUT cap, connect the hose firmly and put the other end in the receiving container.
2. Keep combustion stopped and provide power as needed. Open the drain page on the touchscreen and identify the tap icon, not the filling-gun icon.
3. Press the tap icon once to start draining and again to stop. Watch the hose, connection and container throughout to prevent overflow.
4. When no ethanol flows through the hose, press the drain icon again to stop manually. No flow does not mean the pump has stopped automatically.
5. After confirming pump stop, pinch the hose near the connection to prevent drips, disconnect and cap OUT, and handle remaining fuel carefully. Switch off power and inspect for spills.

Image placeholder: KT drain page: clearly identify the tap Start/Stop icon and OUT port

If ethanol enters the panel or interior, do not ignite or assume safety after a fixed waiting time; obtain service assessment. Follow factory instructions for fuel removal, caps and packaging before long storage or transport. If original packaging is damaged, arrange equivalent protection with service.

The draining steps are the operating procedure confirmed by the user. They do not authorise users to open internal tanks, valves, pumps or circuits. If there is no flow but fuel is suspected to remain, stop and contact after-sales service. Do not dismantle or tip the unit.

16 Protection states, alarms and optional functions

Voice and display messages indicate operating or fault states. Record the exact message, operating stage and site conditions. This manual does not invent fault codes from general symptoms. Do not repeatedly cycle power or mask sensors to suppress an ongoing alarm.

State / protection	Meaning and response
Low fuel	Stop, extinguish and cool before filling. Do not infer usable litres from percentages.
Full level	Filling stops automatically; still supervise and prevent drips on disconnection.
Fuel leakage	Stop use, do not ignite and obtain factory diagnosis.
Heating / supply abnormality	Record voice/display messages; do not touch internal parts or rewire.
Temperature protection	Operation may pause; check thermostat/timer status rather than assuming completed shutdown.
Ignition failure	Stop use, email service and follow video guidance; do not repeatedly retry.
Abnormal level reading	Do not alter internal parameters or parts; inspect/calibrate under service guidance.

External tanks are optional. Use only after order-specific ports, signals and piping are installed. Filling behaviour and display vary with configuration. Do not attach arbitrary containers or alter level settings to increase capacity.

Fan indication, preparation display and level readings describe different states. Icon colour or a stopped fan alone does not establish internal cooling.

17 Cleaning, inspection and maintenance limits

When	Check / action
Before each use	Check burner outlets, vents, electrode and sensors for blockage, objects or damage.
After filling/draining	Refit caps; check dry ports/panel and no leaks; remove tools and fuel containers.
After cooling	Wipe with a clean slightly damp soft cloth; exclude water/cleaner from the unit.
After long storage	Check that dust covers are removed, vents are clear, and cables and ports are in good condition. Then repeat the initial inspection procedure.

Do not scrape the panel with blades or metal tools, or wash it with sprayed water. Use the finishing cloth only on suitable brushed stainless-steel surfaces and under after-sales guidance. Do not apply the same abrasive method to titanium-plated, powder-coated or other coated finishes.

If there is dust or dirt at the burner outlet, first shut down, confirm flame extinction, allow the unit to cool and isolate the power before carrying out permitted surface cleaning. Do not insert hard objects deep into the combustion passage or bend the flame-detection sensor or ignition electrode. Contact after-sales service if carbon deposits, loose parts or damage are found.

Tank weighing / level calibration

The original manual includes illustrations of a calibration weight, but this weight is not a standard supplied accessory or a routine customer tool. If the fuel-level display is abnormal, provide photographs and readings for the factory to assess. Placing weights, entering test menus or changing parameters must be carried out by trained personnel following factory guidance.

Servicing internal pumps, heaters, temperature sensors, electrical wiring and smart-home controls is outside the scope of routine cleaning. Do not dismantle the unit, replace parts or bypass protective functions without authorisation. After servicing, verify operation according to factory guidance before reuse.

18 Service, warranty and handover record

When contacting service, provide sales model, serial number, shipment date/order, fuel concentration, operating step, exact voice/display message and photos/video. Do not recreate leakage, ignition failure or another fault just to film it.

Warranty and repairs

The KT warranty period is 2 years, starting from the shipment date.

During the warranty period, when the factory diagnoses a fault and arranges return-to-factory warranty repairs, the factory pays the shipping costs both ways. For repairs carried out by the customer or dealer under factory guidance, parts covered by the warranty are supplied free of charge.

After the warranty period, the customer pays shipping both ways and parts are charged according to the parts price list. Contact the factory for diagnosis before disassembly. Faults or damage caused by unauthorised disassembly without factory guidance are not covered.

Manufacturer and service

Yangzhou Shunxin Intelligent Technology Co., Ltd.

Address: No. 180, Private Industrial Area, East End of Central Street, Suzhong Trade City, Baoying County.

Tel: +86 18912147853

Email: info@sxfireplace.store

Website: <https://sxfireplace.com>

Handover item	Record
Model / serial number	_____
Shipment date / order number	_____
Site / installer	_____
Supply, level and ventilation checks	_____
Training date / operator	_____

Appendix Supplied items and retained documents

Packaging and supplied items

Package dimensions:

For each model: (panel length + 70) × 350 × 410 mm.

Item	Quantity
Main unit	1
Power cable	1
Remote control	1
Filling hose	1
Installation handles	2
Finishing cloth	1
Manual / product inspection certificate / warranty card	1 set

Glass, brackets and other optional items are supplied according to the order. Check against the order on receipt.

Packaging may vary with transport method and custom configuration.

Store handles, hose, remote and manuals together after receipt. Never leave packaging in the burner or vents. Before return shipment contact service for draining, port closure, cooling and protective packaging instructions.

Keep this manual, the installation drawing for the corresponding model, order configuration, shipment record, photograph of the rating label, and training and repair records. Contact the factory if applicable conformity documents are required. A blank product inspection certificate must not be treated as proof of certification scope.