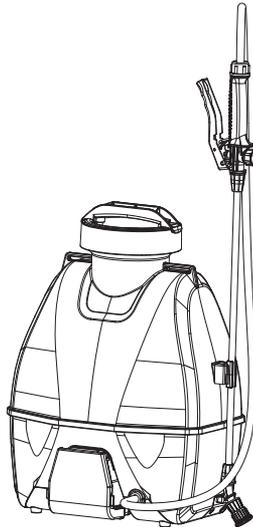


TITAN

Heavy Duty Backpack Sprayer



TTI854PRW

EAN: 5059340250335

Original Instructions – TTI854PRW__V10122

BX220IM/B3



WARNING: Read the instruction handbook thoroughly before using the sprayer. First time operators should receive practical use instructions of the sprayer and protective equipment from an experienced operator.

Let's get started...

These instructions are for your safety. Please read through them thoroughly before use and retain them for future reference.



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Safety warnings

IMPORTANT READ CAREFULLY BEFORE USE KEEP FOR FUTURE REFERENCE

- > This sprayer is not intended for use by children and persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
- > Children should be supervised to ensure that they do not play with the sprayer.

Sprayer safety warnings



WARNING! Risk of electric shock! Do not spray on socket outlets, electrical devices, power cables or the sprayer itself.



WARNING! Risk of injury! Always wear suitable protective clothing, gloves and respiratory protection when spraying, filling, emptying and cleaning (including cleaning nozzles and filters).



Do not spray on persons or animals.



WARNING! Risk of fire or explosion! Do not spray flammable liquids such as gasoline.



WARNING! Risk of explosion! Keep pressurized sprayer out of the direct sunlight.



Use only the parts supplied or approved by the manufacturer. Use of unauthorized parts can cause damage to the sprayer.



Check all parts before using the sprayer. Do not use the sprayer if any parts of the sprayer is damaged, especially the trigger, spray lance and nozzles.



WARNING! This sprayer is not suitable for flammable, caustic, corrosive, acid or oxidising chemicals including bleaches. Ensure all connections are tight prior to every use.

- > Read all instructions carefully. Be familiar with the controls and the proper use of the sprayer.
- > Keep children, other bystanders and pets away from the sprayer while operating.
- > Do not spray into wind, water or drinking water sources.

- > Do not smoke in areas where the sprayer is in use.
- > Do not operate the sprayer in narrow or enclosed spaces. Always spray in a well-ventilated areas.
- > Never use the sprayer in a room where there is a danger of explosion or in the vicinity of flammable liquids or gases.
- > Do not immerse the sprayer in water or other liquids. Do not place the sprayer where it can fall or be pulled into a tub or sink.
- > Always direct the spray lance downwind from the operator during operation.
- > Only operate the sprayer when it is in an upright position.
- > Do not add liquids hotter than 45°C to avoid weakening or damaging the hose or spray tank.
- > Do not operate the sprayer with an empty tank.
- > Take breaks at regular intervals.
- > Never eat or drink when using spraying agents.
- > Never smoke in areas where you are working.
- > When assembling or removing accessories, do not point them towards yourself or other persons.
- > Do not use the sprayer while tired, ill or under influence of alcohol or other drugs or medicaments.
- > Thoroughly inspect both the inside and outside of the sprayer and examine all the components before each use. Check for cracked and deteriorated hoses, leaks, clogged nozzles, and missing or damaged parts. If damaged, have the sprayer repaired before use. Many accidents are caused by poorly maintained products.
- > The sprayer must only be operated by one person at a time. Nobody else must be within a radius of 15 metres at the same time.
- > Release the residual pressure in the spray tank after each use and especially before removing the lid. Do it by pressing the trigger.
- > Always check for leaks. If any are found, correct them before using the sprayer.
- > Do not under any circumstances modify the sprayer. Modifications can result in serious personal injury.
- > All servicing and maintenance, other than the items listed in this handbook, should be performed by an authorised service centre.

Spraying agent safety

- > Before using spraying agents with this sprayer, read the label and all the warnings on the original container thoroughly and follow all the manufacturer directions. Do not change the recommended dilution ratios. Incorrect mixtures may produce toxic fumes or explosive solutions.
- > Never spray liquid plant protection agents undiluted.
- > Do not mix different chemicals unless such mixture is approved by the manufacturer.

- > Too high or too low pressure or unfavorable weather conditions can result in the wrong solution concentration. Overdosing may damage plants and the environment. Underdosing may result in unsuccessful plant treatment. To reduce the risk of damage to the environment and plants, do not operate the sprayer:
 - when pressure is too high or too low;
 - in direct sunlight;
 - in windy conditions.
- > Mix and fill only in areas where spills can be easily contained. Avoid contaminating the environment, the mains water supply and/or public sewer systems with spraying agent.
- > Do not use excessive spraying agent. Prepare only sufficient solution for the job at hand so that nothing is left over.
- > Never leave the tank while it is being filled, and pay attention during filling to prevent overfilling and spilling of the spraying agent on the ground. Have enough spare rags available to adsorb any spills immediately.
- > Any unused leftovers of spraying agents must always be collected in a suitable container and disposed of via approved by local or national regulatory authorities to avoid contaminating the environment. Do not dump unused spraying agent into the fields, rivers, wells, streams and similar.
- > Avoid any direct contact with spraying agents. In case of contact with spraying agents, immediately rinse the affected body parts with plenty of clean water. Seek medical advice if needed.
- > If inhaling toxic chemicals or substances, immediately leave the toxic environment and take rest in a ventilated area:
 - if skin and eyes are irritated, wash immediately with clean water;
 - if airways are irritated, get into fresh air straight away and seek medical advice promptly;
 - if swallowed, drink plenty of water or warm water with salt to induce vomiting, and seek medical advice promptly.
- > Store the spraying agents out of the reach of children and pets.

General power tool safety warnings



WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference. The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work area safety

- > **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- > **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- > **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

Electrical safety

- > **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- > **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- > **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- > **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- > **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- > **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

Personal safety

- > **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- > **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- > **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- > **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- > **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations

- > **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- > **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- > **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

Power tool use and care

- > **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- > **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- > **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- > **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- > **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- > **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- > **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
- > **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

Battery tool use and care

- > **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- > **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- > **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- > **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
- > **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- > **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
- > **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

Service

- > **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- > **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

The machine shall be used in a covered and dry area. The ambient temperature shall be included between 15°C and 30°C. The humidity level shall be less than 60%.

The sprayers shall be used only with plant protection products approved by local/national regulatory authorities for plant protection products for use with knapsack sprayers.

Improper maintenance, use of non-conforming components and removal of safety devices may result in damage of product or personal injury.

Do use the sprayer while tired, ill or under influence of alcohol or other drugs or medicaments.

Direct the spray lance downwind from the operator.

Vibration and noise reduction

To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment.

Take the following points into account to minimise the vibration and noise exposure risks:

- > Only use the sprayer as intended by its design and these instructions.
- > Ensure that the sprayer is in good condition and well maintained.
- > Use correct attachments for the sprayer and ensure they in good condition.
- > Keep a tight grip on the handles/gripping surfaces.
- > Maintain this sprayer in accordance with these instructions and keep it well lubricated (where appropriate).
- > Plan your work schedule to spread any high vibration tool use across a longer period of time.

Emergency

Familiarise yourself with the use of this sprayer by means of this instruction handbook. Memorise the safety directions and follow them to the letter. This will help to prevent risks and hazards.

1. **Always be alert when using this sprayer, so that you can recognise and handle risks early.** Fast intervention can prevent serious injury and damage to property.
2. **Switch the sprayer off if there are malfunctions.** Have the sprayer checked by a qualified professional and repaired, if necessary, before you operate it again.

Charger safety warnings



WARNING! Do not recharge non-rechargeable batteries.

- > This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- > Before using the charger, read all the instructions and cautionary markings on the charger and battery pack.
- > Charge the battery pack indoors only as the charger is designed for indoor use only.
- > Protect the charger against moisture and wet conditions. There is a danger of electric shock.
- > Ensure proper ventilation when charging.
- > Do not place any object on top of the charger as it could cause overheating. Do not place the charger near any heat source.

- > Do not use an extension cord unless it is absolutely necessary. The use of an improper extension cord could cause the risk of fire, electric shock or electrocution.
- > Do not use the charger if it has been subjected to a heavy knock, dropped or otherwise damaged in any way. Have the charger checked and repaired by an authorised service centre.
- > Do not disassemble the charger. Incorrect reassembly may result in the risk of fire, electric shock or electrocution.
- > Disconnect the charger from the power supply before attempting to clean it to reduce the risk of an electric shock. Removing the battery pack alone does not reduce the risk.
- > If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- > Wipe battery pack terminals with a clean dry cloth if they become dirty.
- > Rechargeable battery packs need to be charged before use. Always use the correct charger and refer to the manufacturer's instructions.

Symbols

On the sprayer, the charger, the rating label and within these instructions you will find among others the following symbols and abbreviations. Familiarise yourself with them to reduce hazards like personal injuries and damage to property.

V	Volts	Gal	Gallon
~	Alternating current	m	Metre
≡	Direct current	mm	Millimetre
W	Watt	kg	Kilogram
Hz	Hertz	mL	Millilitre
A	Ampere	L/min	Litre per minute
Ah	Ampere-hour	°C	Degree Celsius
L	Litre	dB(A)	Decibel (A-rated)
min	Minute	m/s ²	Metres per second squared
		Bar	Pressure rating
mm.yyyy	Manufacturing date code; year of manufacturing (yyyy) and month of manufacturing (mm)		

Description of signal words:

DANGER!

The signal word that indicates a hazard with a high level of risk which, if not avoided, will result in death or serious injury.

WARNING!

The signal word that indicates a hazard with a medium level of risk which, if not avoided, could result in death or serious injury.

CAUTION!

The signal word that indicates a hazard with a low level of risk which, if not avoided, could result in minor or moderate injury.

NOTE!

Indicates a practical tip, advice or practice not related to personal injury.



Caution/Warning.
Read the instruction
handbook.



Note/Remark.



Wear eye protection (goggles or face shield).
Wear respiratory protection and appropriate protective
clothing.



After each use, thoroughly wash your hands with soap.



Keep bystanders, children and pets away when spraying.



The sprayer is classified as protection class III and therefore
operates with a completely safe voltage range.



This charger is of protection class II. That means it is equipped
with enhanced or double insulation.

TTI854PRW

Designation of the sprayer
(TT_Titan; I_18 V; 854_random number generated;
PRW_Heavy Duty Backpack Sprayer)

TTB804CHR

Designation of the charger
(TT_Titan; B_220-240 V; 804_random number generated;
CHR_Charger)



Always disconnect the charger from power supply and let the
product cool down before performing inspection, maintenance
and cleaning work!



Indicator for protection fuse.



Indoor use only.



Do not dispose of battery packs in rivers or immerse in water.



Do not dispose of battery packs in fire. They will explode and cause injury.



Do not expose battery packs to heat in excess of 45 °C (113 °F). Do not charge or store the battery pack in temperatures below 0 °C (32 °F) and above 45 °C (113 °F).



The product complies with the conformity requirements of the applicable European Regulations or Directives.



The product complies with the conformity requirements of the applicable UK Regulations.



WEEE symbol. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.



Crossed out dust bin. Batteries and battery packs should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.

Technical specifications

Sprayer

- > **Model:** TTI854PRW
- > **Rated voltage:** 18 V $\overline{=}$
- > **Dimensions:** 241 x 344 x 486 mm
- > **Gross mass:** approx. 3 kg
4.1 kg (with empty tank)
- > **Allowable total weight:** 18 kg
- > **Length of spray hose:** 1.7 m
- > **Nominal spray-tank capacity:** 16 L (4 Gal)
- > **Ingress protection rating:** IPX4
- > **Residual volume not properly discharged by the sprayer:** 100 mL
- > **Working pressure:** 2.7-4.5 Bar (1.0-4.5 Bar)
- > **Nominal flow rate:** 0.9-1.5 L/min
Fan nozzle: 1.1-1.5 L/min
Shower nozzle: 0.98-1.32 L/min
Double nozzle: 1.02-1.38 L/min
Conical nozzle: 0.68-0.92 L/min
- > **Range:** < 5 m
- > **Operating/storage temperature:** 4-40 °C

Vibration emission level

- > **Hand-arm vibration a_{hw} :** 1.815 m/s²
- > **Uncertainty K:** 1.5 m/s²

Sound emission level

- > **Sound pressure level at operator position:** 65.8 dB(A)
- > **Guaranteed sound power level L_{WA} :** 76.8 dB(A)
- > **Uncertainty K:** 3 dB(A)

The sound values have been determined according to EN 62841-1.

Wear hearing protection, especially when sound pressure is over 80 dB(A).

Information:

- > The declared vibration total value(s) and the declared noise emission value(s) have been measured in accordance with a standard test method and may be used for comparing one tool with another;
- > The declared vibration total value(s) and the declared noise emission value(s) may also be used in a preliminary assessment of exposure.

Warning:

- > The vibration and noise emissions during actual use of the power tool can differ from the declared values depending on the ways in which the tool is used especially what kind of workpiece is processed; and
- > It is necessary to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

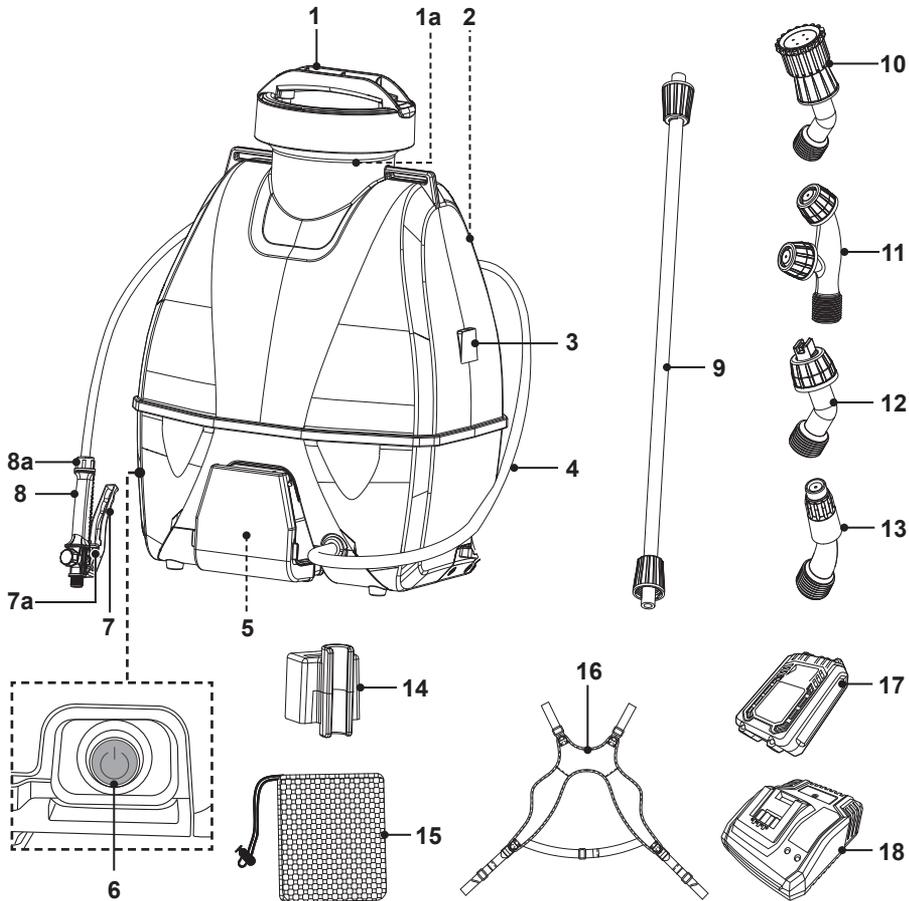
Charger

- > **Model:** TTB804CHR
- > **Rated input voltage:** 220–240 V~, 50 Hz
- > **Rated input power:** 60 W
- > **Rated output voltage:** 21.4 V ===
- > **Rated output current:** 2.4 A
- > **Protection class:** II
- > **Working temperature:** 4 to +40 °C
- > **Storage temperature:** -25 to +85 °C
- > **Charging time:** approx. 60 min
- > **Power cord length:** 1.8 m
- > **Net weight:** 0.49 kg

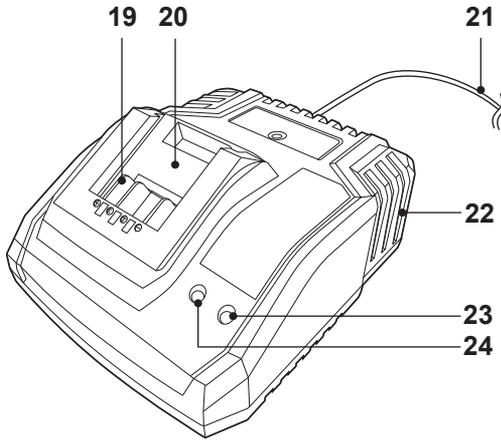
Battery pack

- > **Model:** TTI801BAT
- > **Rated voltage:** 18 V ===
- > **Rated capacity:** 2 Ah
- > **Max. charging current:** 4 A
- > **Working/storage temperature:** 4 to +40 °C

Your product



- | | |
|--|-------------------------------|
| 1. Spray tank lid | 9. Spray lance |
| 1a. Spray tank filter (not shown) | 10. Adjustable shower nozzle |
| 2. Spray tank | 11. Double nozzle |
| 3. Holder bracket | 12. Fan nozzle |
| 4. Hose | 13. Adjustable conical nozzle |
| 5. Battery compartment | 14. Spray lance holder |
| 6. Power button (with light indicator) | 15. Nozzle storage bag |
| 7. Trigger | 16. Harness |
| 7a. Lock-on latch | 17. Battery pack (TTI801BAT) |
| 8. Handle | 18. Battery charger |
| 8a. In-line filter (not shown) | |



- 19 Electrical contacts
- 20 Sliding slot
- 21 Power cord with plug
- 22 Vents
- 23 Power / charging indicator
- 24 Error indicator

Unpacking

- > Unpack all parts and lay them on a flat, stable surface.
- > Remove all packing materials and protective shipping materials, if applicable.
- > Make sure the delivery contents are complete and free of any damage. If you find that parts are missing or show damage do not use the sprayer and contact your dealer. Using an incomplete or damaged sprayer represents a hazard to operators and property.
- > Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.



WARNING! The sprayer, the charger and the packaging are not children's toys! Children must not play with plastic bags, sheets and small parts! There is a danger of choking and suffocation!

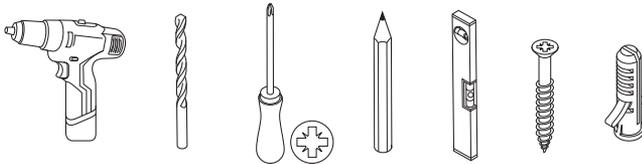
You will need

(items not supplied)

- > Suitable personal protective equipment
- > Suitable plant protection agents
- > Mixing/filling container
- > Container approved for storing chemicals

(items not supplied, for mounting the charger on a wall)

- > Drill
- > Drill bit (Ø5 mm + Ø1.5 mm)
- > Screwdriver
- > Pencil
- > Spirit level
- > Screw (M3 x 30 mm), x2
- > Wall plug (Ø5 mm), x2



Intended use

The product is intended for private use only. It is not intended for commercial use. For safety reasons it is essential to read the entire instruction handbook before first operation and to observe all the instructions therein. First time operators should receive practical use instructions of the sprayer and protective equipment from an experienced operator.

Sprayer



WARNING! Only use the sprayer with plant protection products approved by local/national regulatory authorities for plant protection products for use with the sprayer. Do not use the sprayer with flammable or corrosive liquids.



WARNING! Risk of injury! To reduce exposure to spraying agents, wear approved personal protection equipment (PPE), such as respiratory protection, gloves, protective clothing and hearing protectors.

This sprayer TTI854PRW is designated for spraying water and consumer-grade home and garden plant protection products such as insecticides, fungicides, weed killers, and fertilizers.

The sprayer is intended for outdoor use or in the open or in well-ventilated locations, e.g. open greenhouses. Do not use the sprayer under windy conditions or if it is raining to prevent the spraying agent from widespread drifting. The sprayer may also be used to water plants.

The sprayer is intended to be used only for applications in agriculture, horticulture, tree nurseries, forestry, fruit and vegetable growing, vineyards, home and garden and greenhouse cultivation with adequate ventilation.

Do not use commercial grade chemicals or chemicals for commercial or industrial purposes.

Battery charger

This battery charger (TTB804CHR) is designated for intended to charge Li-ion rechargeable battery pack TTI801BAT (included), TTI802BAT (sold separately) or TTI803BAT (sold separately) with a maximum charging voltage of 21.4 V $\overline{=}$.

Charging



WARNING! Charge the battery pack in a safe location away from moisture and heat sources! Monitor the battery pack during charging and do not leave unattended.



WARNING! Check the charging voltage on the charger and on the battery! The voltage must comply with the information on the rating label!



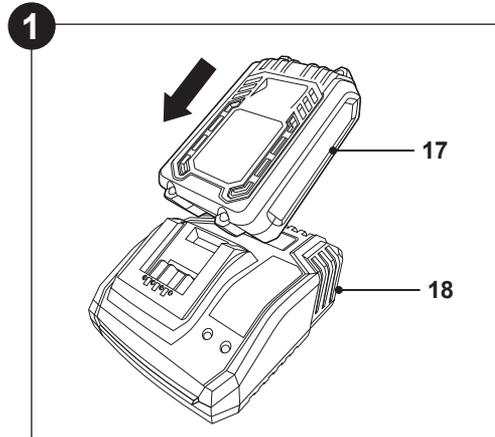
NOTE: The battery pack has been shipped in a low charge condition. Charge the battery pack fully before first use.



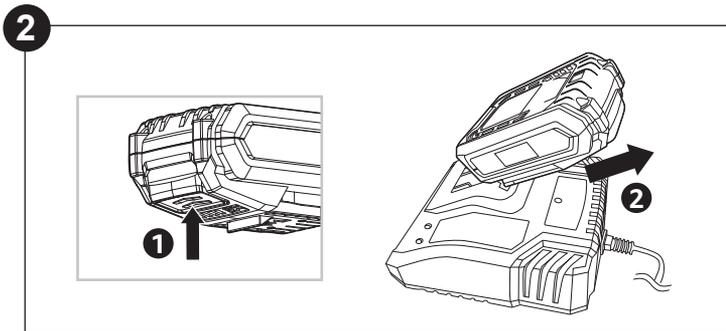
NOTE: The battery pack (TTI801BAT, TTI802BAT or TTI803BAT) can be also charged with the fast charger (TTB805CHR) (sold separately).

1. Connect the battery charger (18) to a suitable socket outlet. The power indicator (23) lights up green.

- Align and slide the battery pack (17) onto the sliding slot (20) of the battery charger (18) until it locks in place (Fig. 1).



- After charging has been completed (see section "Indicator lights"), disconnect the battery charger (18) from the socket outlet. The charging time takes approximately 60 minutes.
- Press the release button on the battery pack (17) (Fig. 2, step 1) and remove the battery pack (17) from the battery charger (18) (Fig. 2, step 2).



NOTE: It is normal for the battery pack and charger to become warm (but not hot) during charging process. If the battery pack does not charge properly, check to make sure the socket outlet is powered.



WARNING! To reduce risk of fire, never leave the battery pack connected to the charger for more than 24 hours! Disconnect the charger from the socket outlet when it is not used for charging!

Indicator lights

Monitor both indicators (23, 24) regularly during charging.

Status	Error indicator	Power/charging indicator
Connected to socket outlet.	Off	On
Charging.	Off	Flashing
Fully charged. Ready for use.	Off	On
Temperature of the battery pack is too high. Charging resumes automatically after cooling down.	On	Off
The connected battery pack is damaged. Disconnect immediately.	Flashing	Off



NOTE: For the charging time, see section "Specifications" for details.



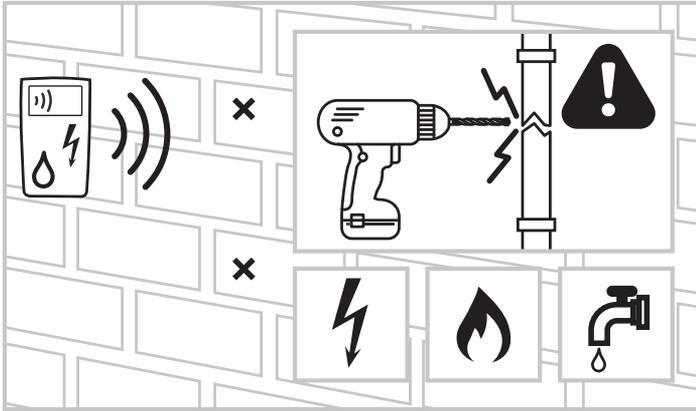
NOTE: The charger can be mounted on a wall.



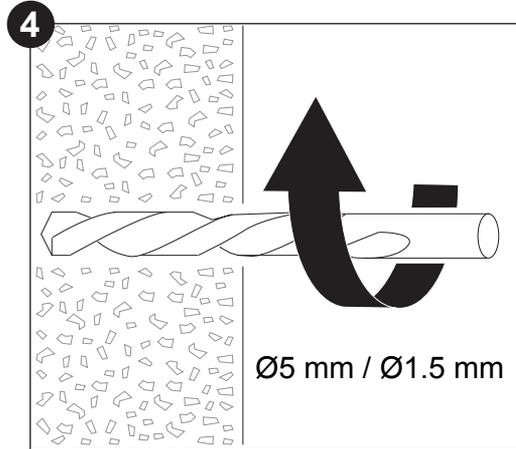
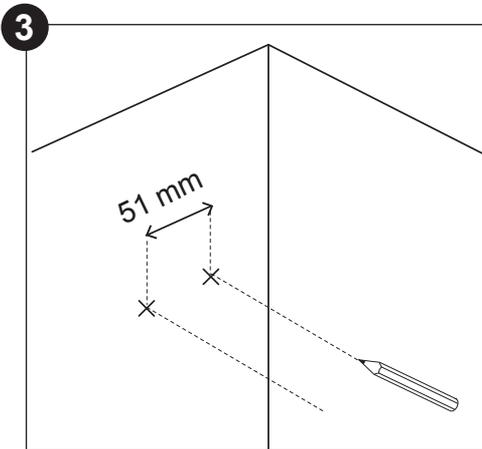
WARNING! Before mounting, determine the suitable mounting location. The product must be fixed to a wooden or masonry/concrete wall using fasteners that are appropriate for the mounting surface. The mounting surface must be capable of supporting the weight of the product.



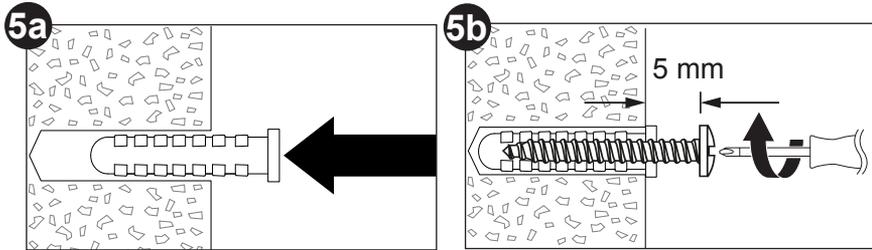
WARNING! Do not drill into any pipes or power lines beneath the surface during mounting holes preparation. Use voltage/metal detector.



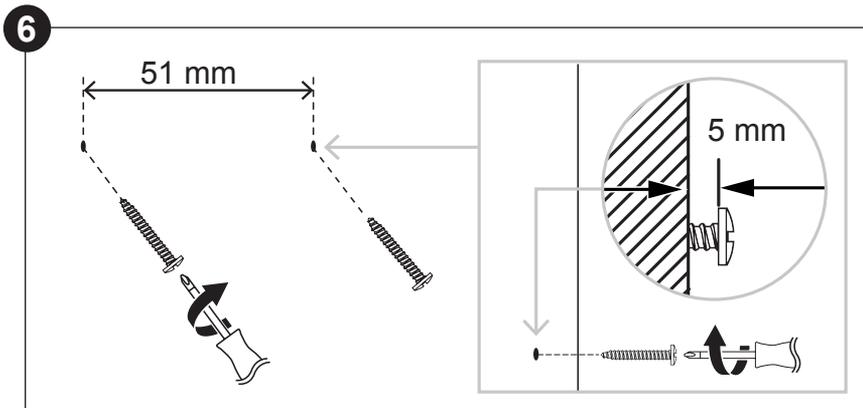
1. Use a pencil to mark 2 drilling holes (Fig. 3).
For masonry or concrete wall: drill 2 holes using $\text{\O}5$ mm drill bit.
For wooden wall: drill 2 pilot holes using $\text{\O}1.5$ mm drill bit (Fig. 4).



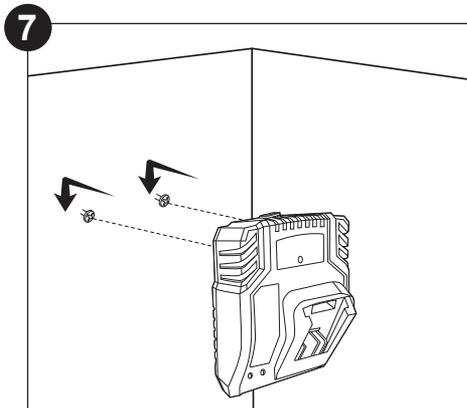
- For masonry or concrete wall: Insert the wall plugs into the drilled holes (Fig. 5a). Fix the screws into the plugs and leave 5 mm of the screw protruding from the wall (Fig. 5b).



For wooden wall: Fix the screws into the holes and leave 5 mm of the screw protruding from the wall (Fig. 6).



- Hang the charger onto the screws (Fig. 7) and make sure it is stable.

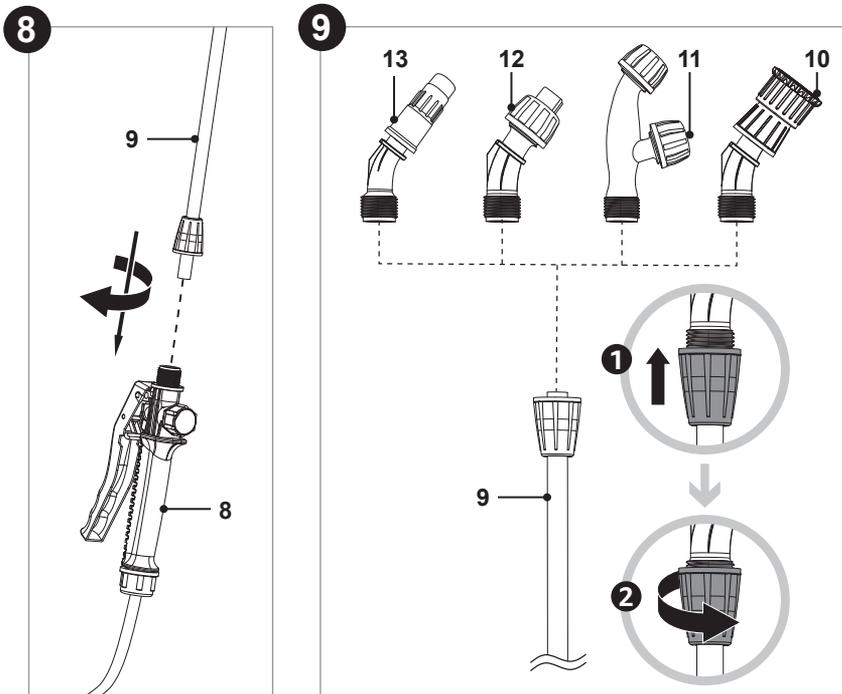


Assembly

1. Insert the spray lance (9) into the handle (8). Slide the nut onto the threaded coupling and tighten securely by hand (Fig. 8).
2. Insert the other end of the spray lance (9) into the desired nozzle (10, 11, 12, 13). Slide the nut onto the threaded coupling and tighten securely by hand (Fig. 9).



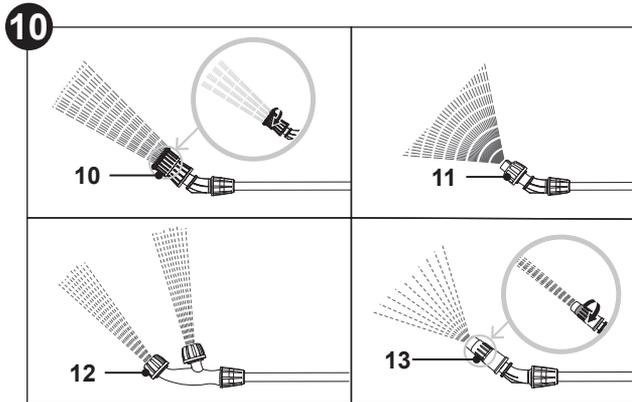
NOTE: The operating pressure varies depending on the nozzle being used. Refer to Technical Specifications for details.



NOTE: The nut and o-rings are used to provide a seal between connections.

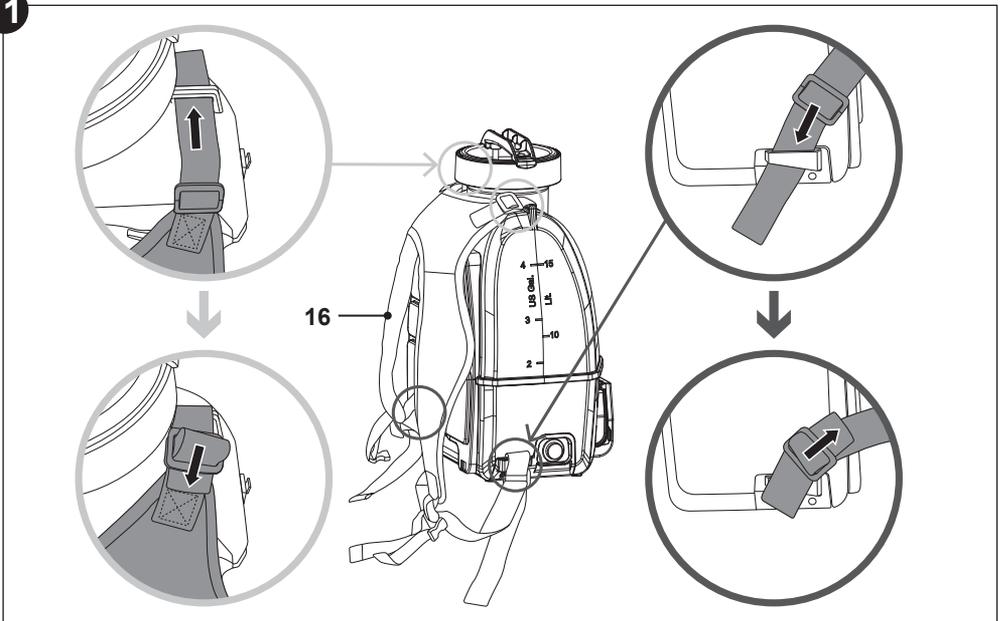


NOTE: Select the nozzle for the desired application. With the use of the adjustable shower nozzle (10) and conical nozzle (13), the spray pattern can be adjusted from a stream to a scatter spray.



3. Fasten the straps on the harness (16) to the four clips on the sprayer (Fig. 11).

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4. Wear the harness (16) over the shoulders. Adjust the straps and buckle the belt. Make sure that the back panel fits snugly and securely against the back of the operator (Fig. 12).



Operation

Installing or removing battery pack



WARNING! Avoid accidental starting. Switch the sprayer off and remove the battery pack before filling.



WARNING! Always remove battery pack from the sprayer when assembling parts, making adjustments, filling, emptying, cleaning or when not in use.

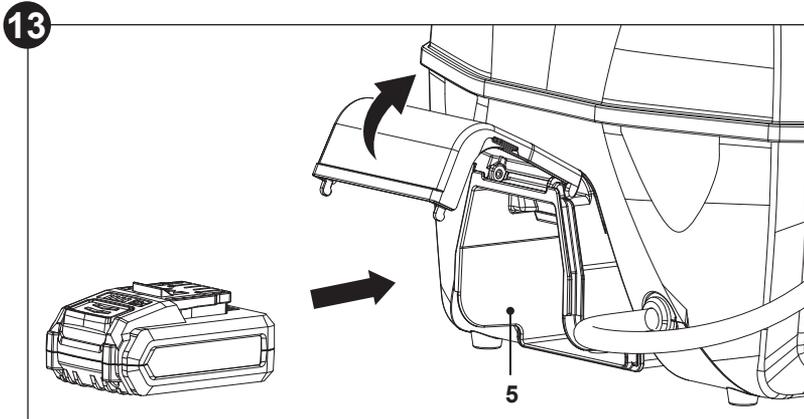


NOTE: Make sure the battery pack is fully charged.



NOTE: Inspect the sprayer before each use for damaged parts and leaks. Do not use the sprayer if there are any worn parts, irregularities or leaks.

1. Open the battery compartment cover. Slide the battery pack (17) into the sliding slot of the battery compartment (5) (Fig. 13).



2. To remove the battery pack, press the release button on the battery pack (17) and pull it out of the battery compartment (5).

Filling the spray tank



WARNING! Avoid accidental starting. Switch the sprayer off and remove the battery pack before filling.



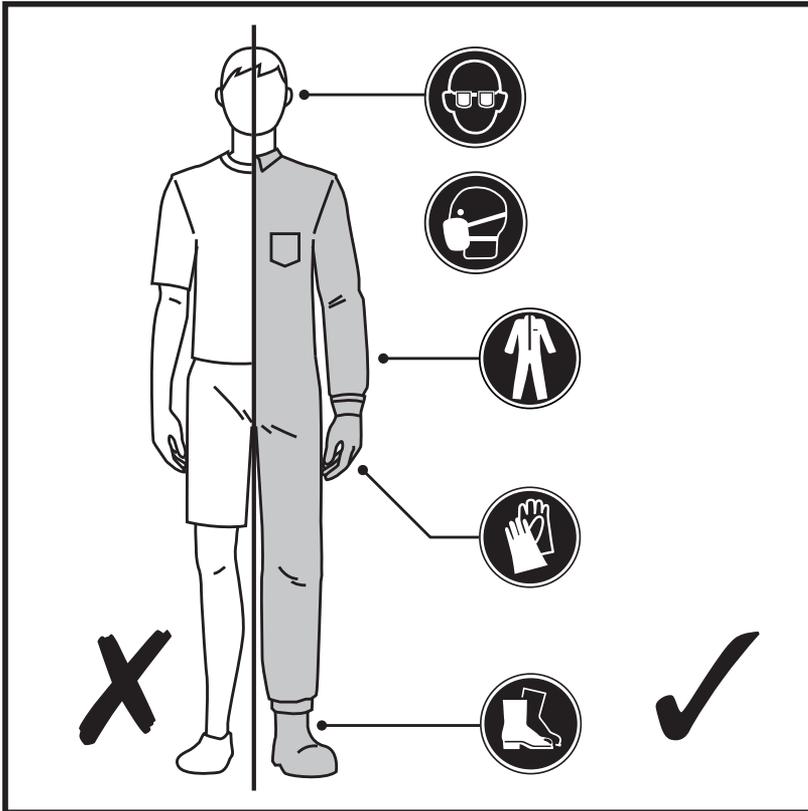
WARNING! Always remove battery pack from the sprayer when assembling parts, making adjustments, filling, emptying, cleaning or when not in use.



WARNING! Risk of injury! To reduce exposure to spraying agents, wear approved personal protection equipment (PPE), such as respiratory protection, gloves, protective clothing and hearing protectors.

**NOTE:**

- > Before using spraying agents with this sprayer, read the label and all the warnings on the original container thoroughly and follow all the manufacturer directions. Do not change the recommended dilution ratios.
- > Mix the spraying agents in a separate container. Do not mix the spraying agent directly in the spray tank (2).
- > Dilute the spraying agent with water properly. Solution to be sprayed must be as thin as water. Thicker solution will not spray properly.
- > Do not overfill the spray tank (2).
- > After filling, attach a sticker to the spray tank (2) to indicate the contents of the tank (e.g. herbicide, fungicide or insecticide). The designation of the spraying agent used has updated every time when the spraying agent is changed.

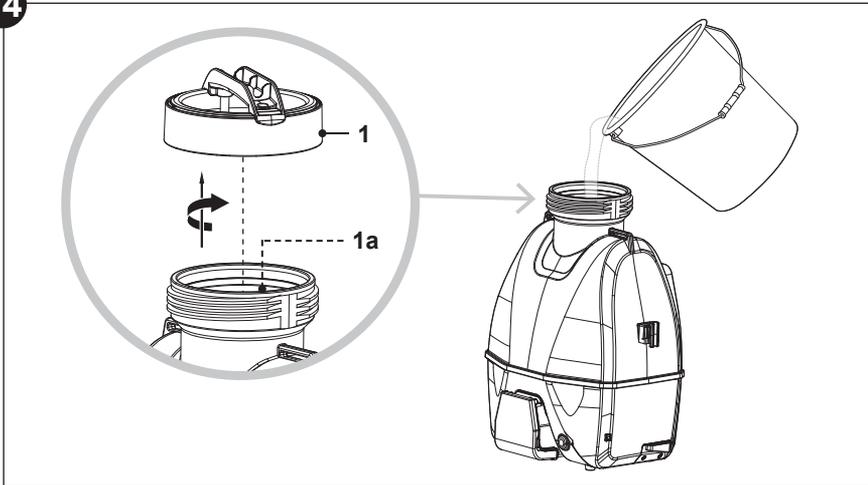




NOTE: Check for the residual volume (solution) not properly discharged by the sprayer potentially remaining in the hose (4) and spray lance (9).

1. Unscrew the spray tank lid (1) (Fig. 14).
2. Verify that the filter (1a) is in place. Clean the filter if necessary.
3. Make sure the filling container is properly placed over the filler neck of the spray tank (2). Fill the spray tank (2) with the desired amount of solution. Do not exceed the maximum tank capacity of 16 Litres.

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NOTE: At the first start-up, perform a trial run with the spray tank (2) filled with clean water only. Check at each connection joint for irregularities or leaks before using the sprayer with spraying solution.

Spraying



WARNING! Before spraying chemicals, you are required to consider how close you are to sensitive areas such as schools, hospitals, sensitive crops, waterways, livestock, organic farms and bee foraging areas.



WARNING! When applying spraying agent, ensure by using appropriate measures and procedures that the unintended release of spraying agent to other areas is minimized and the drift to the surrounding areas is prevented.

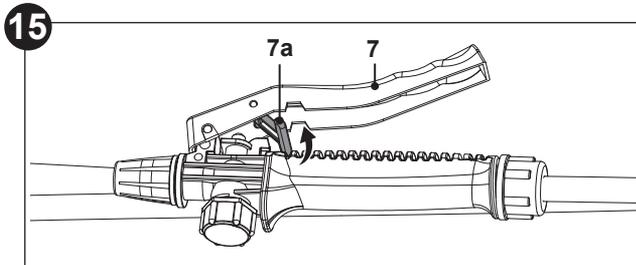


NOTE: Ensure all connections are tight and the water tank and drain all of the spraying agents from the spray tank (2) prior to every use in order to maintain the flow rate.



NOTE: Some pests are resistant to chemicals at certain period of the year. Schedule properly for the spraying.

1. Wear the harness (16) over the shoulders. Ensure that the sprayer is always kept upright. The sprayer work properly only when the sprayer is held in this orientation.
2. To switch the sprayer on, press the power button (6). The indicator lights up.
3. Hold the handle (8) and aim the nozzle (10, 11, 12, 13) directly at the plants or objects to be sprayed.
4. Lock the lock-on latch (7a) on the trigger (7). (Fig. 15).



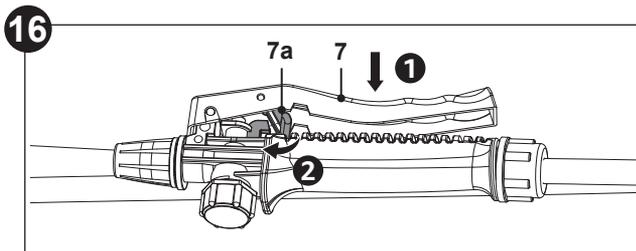
5. Squeeze the trigger (7) to start the flow of solution at the spray lance (9).
6. To stop the flow, release the trigger (7).
7. To switch the sprayer off, press the power button (6) again. The indicator goes off.
8. After switching off, press the trigger (7) to release the pressure in the spray lance (9).

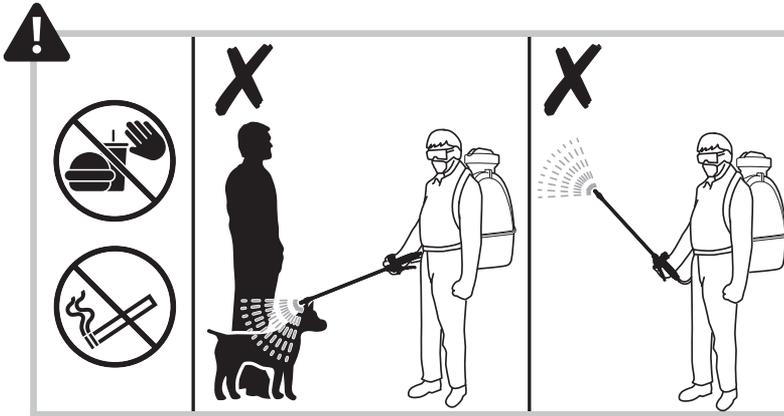


NOTE: Empty the spray tank (2) and drain the residual volume (solution) not properly discharged by the sprayer potentially remaining in the hose (4) and spray lance (9).



NOTE: When spraying for an extended period of time or when covering a large area, the trigger (7) can be locked-on for continuous spraying. To do so, squeeze the trigger without locking the lock-on latch (7a) on the slot. The lock-on latch (7a) goes into the catch upon squeezing (Fig. 16). To release the lock-on latch (7a), squeeze the trigger (7) and slide it backward.





NOTE: If there is no spray coming out from the nozzle or the spray amount decreased, spray lance (9) or nozzle (10, 11, 12, 13) could be blocked. Clean the parts thoroughly with clean water.



NOTE: After each use, thoroughly wash your face and hands with soap. Take off the work clothing and ensure that it is washed regularly.

The golden rules for care



WARNING! Always ensure the power button (6) is depressed and the battery pack (17) is removed from the sprayer and from the battery charger (18) before performing inspection, maintenance and cleaning work.



DANGER! Proper maintenance is essential for safe and trouble-free operation. Improper maintenance, or failure to address a problem instantly can cause a malfunction which can result in serious injury.

1. Keep the product clean. Remove debris after each use and before storage.
2. Regular and proper cleaning helps to ensure safe operation and prolongs the life of the product.
3. Inspect the product before each use for worn and damaged parts. Do not operate it if you find broken and worn parts. Replace worn parts as necessary or contact an authorised service centre for repair before using the product again.



WARNING! Only perform repairs and maintenance work according to these instructions! All other works must be performed by a qualified person!

Cleaning



WARNING! Always ensure the power button (6) is depressed and remove the battery pack (17) from the sprayer and the battery charger (18) before cleaning.

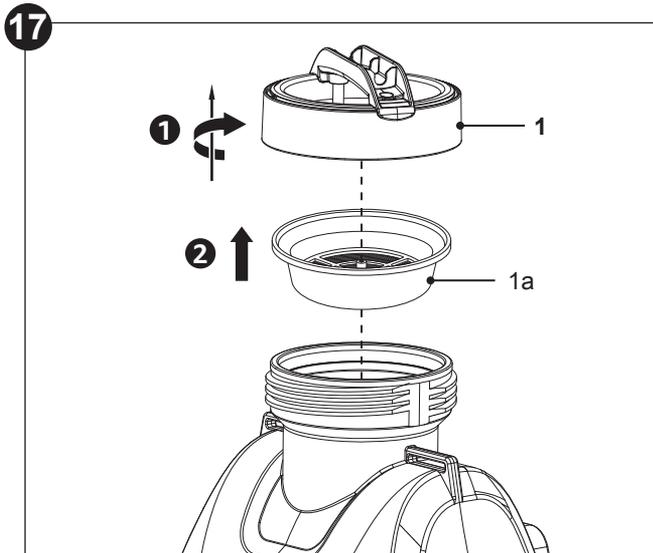


NOTE:

- > Do not use chemical, alkaline, abrasive or other aggressive detergents or disinfectants to clean the product as they might be harmful to its surfaces.
- > Do not immerse the sprayer into water or any liquids.
- > Do not leave residue or spraying agents in the spray tank (2) after using the sprayer. Empty the spray tank (2) and clean all parts after each use.

Sprayer

- > Thoroughly wash your face and hands with soap. Take off your work clothing and ensure that it is washed regularly.
- > Drain all of the spraying agents from the spray tank (2) into a container approved for storing chemicals. Do not store chemicals in the spray tank (2) for a prolonged period.
- > Unscrew the spray tank lid (1) and take the filter (1a) out (Fig. 17). Use clean water to clean and rinse all parts including the spray tank (2) and spray lance (9).
- > A small amount of mild household detergent may be added. If household detergent is used, it must be thoroughly flushed afterwards.



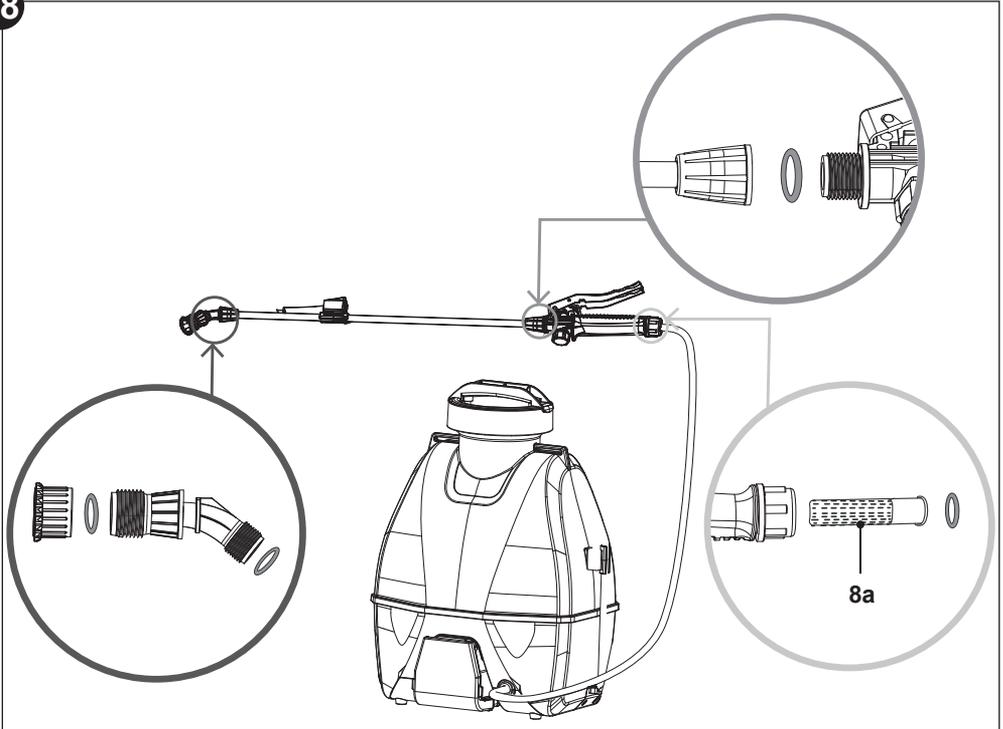
- > Use a damp, lint-free cloth to clean the housing of the sprayer. Wipe the surface with a dry cloth afterwards.

In-line filter and o-rings



WARNING! Before disassembling the handle (8), spray lance (9) or nozzle (10, 11, 12, 13), remove the battery pack (17) from the sprayer and switch the sprayer off.

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1. Unscrew the handle (8), spray lance (9), and nozzle (10, 11, 12, 13) to locate the o-rings and in-line filter (8a).
2. Clean the in-line filter (8a) with clean water and a soft brush.
3. Push a small wire through the nozzles (10, 11, 12, 13) to clear any debris. Rinse the nozzles with clean water.

Battery charger

- > Clean the battery charger (18) with a dry cloth. Use a soft brush for areas that are hard to reach.

Maintenance table

Inspect and maintain this product regularly based on below maintenance table. Keep the product in good working condition during maintenance.

Part	Task	Before/after each use	Monthly	Annually or at the start of the season
Hose (4)	check	X		
	clean	X		
Spray tank (2)	check			X
	clean			X
Nozzles (10, 11, 12, 13) and filter element	check		whenever necessary	
	clean		X	
O-ring	check		X	
	lubricate			X

Repair

This product does not contain any parts that can be repaired by the operator. Contact an authorised service centre or a similarly qualified person to have it checked and repaired.

UK plug replacement

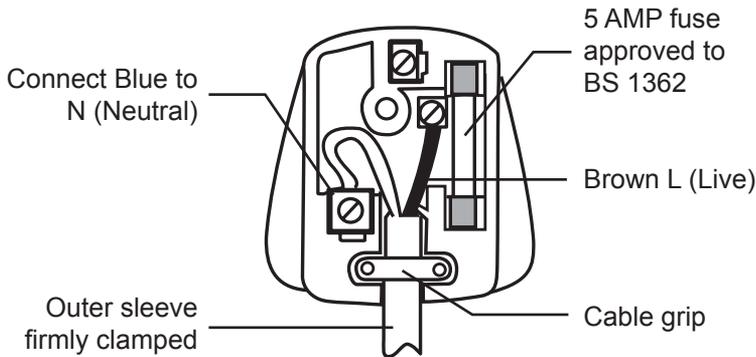
If you need to replace the fitted plug of the charger, then follow the instructions below.

IMPORTANT: The wires in the power cord are coloured in accordance with the following code:

Blue – Neutral

Brown – Live

As the colours of the wire in the power cord of this charger may not correspond with the coloured marking identifying the terminals in your plug, proceed as follows. The wire, which is coloured blue, must be connected to the terminal, which is marked with N or coloured black. The wire, which is coloured brown, must be connected to the terminal, which is marked L or coloured red.



WARNING! Never connect live or neutral wires to the earth terminal of the plug.

Storage



NOTE: Good storage conditions are important for keeping the sprayer trouble-free.



NOTE: Drain and empty the spray tank (2) before storage. Drain all of the solution from the spray tank (2) into a container approved for chemicals. Do not store chemicals in the spray tank (2).

Sprayer

- > Remove the battery pack from the sprayer.
- > Clean the sprayer as described above.
- > Store the nozzles (10, 11, 12, 13) in the storage bag (15).
- > Attach the spray lance holder (14) to the holder bracket (3) on the side of the sprayer. Secure the spray lance (9) onto the spray lance holder (14).
- > Store the sprayer and its accessories in a dry, frost-free, well-ventilated place.
- > Always store the sprayer in a place that is inaccessible to children. The ideal storage temperature is between 0 and 45 °C.
- > Store the sprayer in its original packaging box or cover it with a suitable cloth to protect it against dust.
- > After long time storage or after winter, clean the sprayer and all the parts with clean water. Operate the sprayer using clean water only and check if there is any leakage or cracks.

Charger

- > Clean the charger as described above.
- > Store the charger and its accessories in a dry, frost-free place.
- > Always store the charger in a place that is inaccessible to children. The ideal storage temperature is between -25 and 85 °C.
- > Store the charger in its original packaging box or cover it with a suitable cloth to protect it against dust.

Transportation

- > Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.

Sprayer

- > Switch the sprayer off and remove the battery pack from the sprayer before transportation.
- > Drain all of the spraying agents from the spray tank (2) into a container approved for storing chemicals.

- > Fully tighten the spray tank lid (1) on the opening of the spray tank (2). Carry the sprayer by the handle on the spray tank lid (1).
- > Secure the sprayer using bungee cords, ratchet tie-downs or similar means.
- > Secure the sprayer to prevent it from slipping or falling over, damage and injury.

Charger

- > Disconnect the charger from power supply.

Troubleshooting

Suspected malfunctions are often due to causes that the users can fix themselves. Therefore check the sprayer using this section. In most cases the problem can be solved quickly.

Problem	Possible cause	Solution
Sprayer does not start.	Battery pack (17) discharged.	Recharge battery pack (17).
	Battery pack (17) too hot/cold.	Allow to cool/warm.
	Other electrical defect to the sprayer.	Contact your nearest authorised service centre.
No spray coming out from the nozzle (10, 11, 12, 13) or the spray amount decreased	The nozzle (10, 11, 12, 13) is blocked.	Clean the nozzle (10, 11, 12, 13).
	In-line filter (8a) is clogged.	Clean the in-line filter (8a).
	Spray tank (2) is empty.	Fill the spray tank (2).
	Spray solution is too thick.	Follow dilution ratios provided by the manufacturer.

Recycling and disposal



Environmental contamination can occur if containers are not stored or disposed of correctly. Any unused leftovers of spraying agents must always be collected in a suitable container and disposed of via approved by local or national regulatory authorities to avoid contaminating the environment.



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.

The sprayer comes in a package that protects it against damage during shipping. Keep the package until you are sure that all parts have been delivered and the product is working properly. Recycle the package afterwards.



Do not dispose of used batteries with your household waste. Take them to an appropriate disposal/collection site.

Guarantee

We take special care to select high quality materials and use manufacturing techniques that allow us to create products incorporating design and durability. This product (TITAN Heavy Duty Backpack Sprayer) has a manufacturer's guarantee of 2 years against manufacturing defects, from the date of purchase (if bought in store) or date of delivery (if bought online), at no additional cost for normal (non-professional or commercial) household use.

To make a claim under this guarantee, you must present your proof of purchase (such as a sales receipt, purchase invoice or other evidence admissible under applicable law), please keep your proof of purchase in a safe place. For this guarantee to apply, the product you purchased must be new, it will not apply to second hand or display products. Unless stated otherwise by applicable law, any replacement product issued under this guarantee will only be guaranteed until expiry of the original guarantee period.

This guarantee covers product failures and malfunctions provided the product was used for the purpose for which it is intended and subject to installation, cleaning, care and maintenance in accordance with the information contained in these terms and conditions, in the user manual and standard practice, provided that standard practice does not conflict with the user manual.

This guarantee does not cover defects and damage caused by normal wear and tear or damage that could be the result of improper use, faulty installation or assembly, neglect, accident, misuse, or modification of the product. Unless stated otherwise by applicable law, this guarantee will not cover, in any case, ancillary costs (shipping, movement, costs of uninstalling and reinstalling, labour etc), or direct and indirect damage.

This guarantee does not cover defects and damage caused by or resulting from:

- > Normal wear and tear
- > Overload, misuse or neglect
- > Repairs attempted by anyone other than an authorised agent
- > Cosmetic damage
- > Damage caused by foreign objects, substances or accidents
- > Accidental damage or modification
- > Failure to follow manufacturer's guidelines
- > Loss of use of the goods

If the product is defective, we will, within a reasonable time, repair or replace it.

Rights under this guarantee are enforceable in the country in which you purchased this product. Guarantee related queries should be addressed to the store you purchased this product from.

The guarantee is in addition to and does not affect your statutory rights.



(UK) DECLARATION OF CONFORMITY

Product		
> HEAVY DUTY BACKPACK SPRAYER/ PULVÉRISATEUR À DOS POUR UTILISATION INTENSIVE/ ROCIADOR DE MOCHILA PARA USO INTENSIVO/ SPRAY DE MOCHILA DE TRABALHOS PESADOS > TTI854PRW > serial number range 000001 to 999999		
Name and address of the manufacturer or his authorised representative:		
Kingfisher International Products Limited 3 Sheldon Square London W2 6PX United Kingdom		
This declaration of conformity is issued under the sole responsibility of the manufacturer.		
Object of the declaration		
Product	Model	EAN
HEAVY DUTY BACKPACK SPRAYER	TTI854PRW	5059340250335
The object of the declaration described above is in conformity with the relevant legislation:		
Supply of Machinery (Safety) Regulations 2008 as amended Electromagnetic Compatibility Regulations 2016 as amended The Restriction of the use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 as amended		
References to the relevant designated standards used or references to the other technical specifications in relation to which conformity is declared:		
BS EN 62841-1:2015 EN ISO 19932-1:2013 EN 55014-1:2017/A11:2020 EN 55014-2:2015		
Authorised signatory and technical file holder: Kingfisher International Products Limited 3 Sheldon Square London W2 6PX United Kingdom		
		
David Awe Group Quality Director		On [03/12/2021]



(EN) EU DECLARATION OF CONFORMITY
 (FR) DÉCLARATION UE DE CONFORMITÉ
 (PL) DEKLARACJA ZGODNOŚCI UE
 (RO) DECLARAȚIA DE CONFORMITATE UE
 (ES) DECLARACIÓN UE DE CONFORMIDAD
 (PT) DECLARAÇÃO DE CONFORMIDADE UE

Product/Produit/Produkt/Produsul/Machineo/Produto

- > HEAVY DUTY BACKPACK SPRAYER/ PULVÉRISATEUR À DOS POUR UTILISATION INTENSIVE/ ROCIADOR DE MOCHILA PARA USO INTENSIVO/ SPRAY DE MOCHILA DE TRABALHOS PESADOS
- > TTI854PRW
- > serial number range 000001 to 999999

Name and address of the manufacturer or his authorised representative:

Nom et adresse du fabricant ou de son mandataire:

Nazwa i adres producenta lub jego upoważnionego przedstawiciela:

Denumirea și adresa producătorului sau a reprezentantului său autorizat:

Nombre y dirección del fabricante o de su representante autorizado:

Nome e endereço do fabricante ou do respetivo mandatário:

Kingfisher International Products B.V.,
 Rapenburgerstraat 175E,
 1011 VM Amsterdam,
 The Netherlands

This declaration of conformity is issued under the sole responsibility of the manufacturer.

La présente déclaration de conformité est établie sous la seule responsabilité du fabricant.

Niniejsza deklaracja zgodności wydana zostaje na wyłączną odpowiedzialność producenta.

Prezenta declarație de conformitate este emisă pe răspunderea exclusivă a producătorului.

La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante.

A presente declaração de conformidade é emitida sob a exclusiva responsabilidade do fabricante.

Object of the declaration/Objet de la declaration/Przedmiot deklaracji/Obiectul declarației/Objeto de la declaración/Objeto da declaração

Product/Produit/Produkt/Produsul/Producto/ Produto	Model/Modèle/ Model/Modelul/ Modelo/ Modelo	EAN
HEAVY DUTY BACKPACK SPRAYER/ PULVÉRISATEUR À DOS POUR UTILISATION INTENSIVE/ ROCIADOR DE MOCHILA PARA USO INTENSIVO/ SPRAY DE MOCHILA DE TRABALHOS PESADOS	TTI854PRW	UK:5059340250335 EU: 5059340250670

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:
 L'objet de la déclaration décrit ci-dessus est conforme à la législation d'harmonisation de l'Union applicable:
 Wymieniony powyżej przedmiot niniejszej deklaracji jest zgodny z odnośnymi wymaganiami unijnego
 prawodawstwa harmonizacyjnego:

Obiectul declarației descris mai sus este în conformitate cu legislația relevantă de armonizare a Uniunii:

El objeto de la declaración descrita anteriormente es conforme con la legislación de armonización pertinente de la Unión:

O objeto da declaração acima descrito está em conformidade com a legislação de harmonização da União aplicável:

2006/42/EC as amended Machinery Directive
 2014/30/EU as amended Directive Electromagnetic compatibility
 2011/65/EU as amended Directive Restriction of the use of certain hazardous substances in electrical and electronic equipment
 Directive 2006/42/CE relative aux machines
 2014/30 / UE telle que modifiée Directive Compatibilit   electromagn  tique
 Directive 2011/65/UE relative   la limitation de l'utilisation de certaines substances dangereuses dans les  quipements  lectriques et  lectroniques
 2006/42/WE w zmienionej dyrektywie maszynowej
 2014/30 / UE ze zmianami Dyrektywa Kompatybilno   elektromagnetyczna
 2011/65 / UE ze zmianami Dyrektywa Ograniczenie stosowania niekt rych niebezpiecznych substancji w sprz cie elektrycznym i elektronicznym
 2006/42/CE, astfel a fost modificat  Directiva privind echipamentele
 2014/30/UE, astfel a fost modificat  Directiva privind compatibilitatea electromagnetic 
 2011/65/UE, astfel a fost modificat  Directiva privind limitarea utiliz rii anumitor substan e periculoase  n echipamentele electrice  i electronice
 Directiva sobre maquinaria modificada 2006/42/CE
 2014/30/UE modificada Directiva Compatibilidad electromagn tica
 2011/65/UE modificada Directiva Restricci n del uso de determinadas sustancias peligrosas en equipos el ctricos y electr nicos
 2006/42/CE como diretiva de m quinas alteradas
 2014/30/UE como altera  o da compatibilidade eletromagn tica
 2011/65/UE como restri  o diretiva alterada da utiliza  o de certas subst ncias perigosas em equipamentos el tricos e eletr nicos

References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:

R f rences des normes harmonis es pertinentes appliqu es, y compris la date de celles-ci, ou des autres specifications techniques, y compris la date de celles-ci, par rapport auxquelles la conformit  est d clar e:

Odwolania do odno nych norm zharmonizowanych, kt re zastosowano, wraz z dat  normy, lub do innych specyfikacji technicznych, wraz z dat  specyfikacji, w odniesieniu do kt rych deklarowana jest zgodno :

Trimiteri la standardele armonizate relevante folosite, inclusiv data standardului, sau trimiteri la celelalte specifica ii tehnice, inclusiv data specifica iilor,  n leg tur  cu care se declar  conformitatea:

Referencias a las normas armonizadas pertinentes utilizadas, incluidas las fechas de las normas, o referencias a las otras especificaciones t cnicas, incluidas las fechas de las especificaciones, respecto a las cuales se declara la conformidad:

Refer ncias  s normas harmonizadas aplic veis utilizadas, incluindo a data da norma, ou  s outras especifica  es t cnicas, incluindo a data da especifica  o, em rela  o  s quais   declarada a conformidade:

EN 62841-1:2015
 EN ISO 19932-1:2013
 EN 55014-1:2017/A11:2020
 EN 55014-2:2015

Authorised signatory and technical file holder/signataire et responsable de la documentation technique
autorisé/ podmiot uprawniony do wystawienia i adres prezechowywania dokumentacji technicznej/semnatar
autorizat și deținător al dosarului tehnic/firmante autorizado y titular del expediente tecnico/ signatário
autorizado e detentor da ficha técnica

Kingfisher International Products B.V.,
Rapenburgerstraat 175E,
1011 VM Amsterdam,
The Netherlands



David Awe
Group Quality Director

: [03/12/2021]

TITAN

**Manufacturer, Fabricant, Prodecnt,
Producător, Fabricante:**

UK Manufacturer:

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3 Sheldon Square London W2 6PX
United Kingdom

EU Manufacturer:

Kingfisher International Products B.V.
Rapunburgerstraat 175E 1011 VM Amsterdam
The Netherlands



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www.screwfix.ie

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