

Using Your Pressure Washer: The 2-Minute Guide

Your machine: **KEW 1702K** · Danish-built commercial cold water pressure washer
100 bar working pressure · 11 litres a minute · standard 230V plug · no auto-stop



READ THIS FIRST

Two habits keep this machine alive

WATER ON FIRST

OFF WHEN PAUSING

NEVER RUN DRY

1. Water before power. Tap fully on and the air purged through before the motor ever starts - a pressure washer pump running dry destroys itself in minutes.
2. Switch off when you put the gun down. Releasing the trigger does NOT stop this machine - it is a 1980s commercial unit with no auto-stop. The pump keeps reheating the same trapped water; more than a minute or two of that wears the seals. Red knob off, every pause.

QUICK START

Six steps and you are cleaning

1

Glance at the oil

Sight glass on the panel: level visible, oil clean. Milky or low means call us before you start.

2

Connect your hose

Your garden hose onto the inlet, held with your hose clip; tap open ALL the way. No kinks, fully uncoiled.

3

Purge the air

Machine still OFF: squeeze the trigger until water runs smooth and solid with no spitting.

4

Plug straight in

Direct into a socket. If you truly need an extension: 2.5mm², fully unwound, as short as possible.

5

Switch on and spray

Red knob on, both hands on the gun, start 30cm back on a test patch.

6

Pausing? Switch OFF

Gun down means machine off. It will not stop by itself - that habit protects the pump.

KNOW YOUR MACHINE

The control panel, top to bottom



Top to bottom: red on/off knob, safety pictograms, oil sight glass, pressure gauge, water inlet.

Red knob

The on/off switch - and your pause button. The trigger alone never stops the motor on this machine.

Pressure gauge

The needle sits high and flickers while you spray - normal. It showing pressure while you are not spraying is the bypass working.

Oil sight glass

The CHECK OIL DAILY sticker means one glance each morning: oil visible and clean. Low or milky like coffee? Stop and call us - never top it up yourself.

Water inlet

A screw-collar coupling, 1980s style - your garden hose pushes onto the tail and your own hose clip holds it tight.

Gun & lance

Both hands, brace before squeezing - 100 bar has real kickback. Start about 30cm from the surface and work closer.

WATER CONNECTION - WHO BRINGS WHAT

The feed side is yours

The single most important thing about this hire. Sort it before delivery day and everything else is easy.

WE SUPPLY

- The machine - checked, tested and running
- The high-pressure hose
- The trigger gun and lance
- A handover walkthrough of the controls, the purge routine and what a good water connection looks like

YOU ARRANGE

- A garden hose - the water feed is not included
- A working outside tap, opened ALL the way
- A hose clip (jubilee clip, any DIY shop) to hold your hose on the inlet - plus any tap-end fitting
- The inlet is a 1980s screw-collar stub, NOT a modern click-on connector



The inlet: a screw-collar coupling over a hose tail. Your hose clip keeps the hose on it.

Tap fully open

The pump draws up to 11 litres a minute. A half-open tap starves it.

Never run it dry

No water = dead pump in minutes. Purge before every start.

Tank feeding?

Only if the tank sits clearly ABOVE the machine - the pump does not lift water.

Cold water only

From a cold tap. Never feed it from a hot tap.

Not sure what clip or fitting to bring?

WhatsApp us a photo of your tap and hose end before delivery day - 020 3375 4048 - and we will tell you exactly what you need. Two minutes of checking protects your deposit.

WHILE IT'S RUNNING

All of this is normal

Six things people call us about that are the machine doing its job.

NORMAL

Motor runs on after the trigger

No auto-stop on this machine - the pump recirculates in bypass. Just do not leave it that way: switch off when pausing.

NORMAL

Spits and stutters at first

Air working its way out. It smooths out within seconds - purging before start keeps this short.

NORMAL

Gauge needle flickers

Pressure moves as you work - a steady dance around the mark is normal behaviour, not a fault.

NORMAL

A few drips after shutdown

Residual water finding its way out. Drips stop by themselves; a steady running leak is different.

NORMAL

Louder than a modern washer

A 1980s commercial machine with a metal pump sounds like one. The noise is confidence, not trouble.

NORMAL

Warm water at the gun after idling

Bypass water heats while the trigger is closed - another reason the red knob goes off at every pause.

POWER

A full 13-amp machine

- **Plug straight into a socket.** Nothing else heavy running on the same circuit - this machine pulls 12.5 amps on its own.
- **Extension lead only if you must:** 2.5mm² core, as short as possible, and ALWAYS fully unwound - a coiled reel overheats and the voltage drop trips the motor.
- **RCD-protected socket, dry hands,** and keep plugs and connections off wet ground.

TROUBLESHOOTING

Something not right? Start here

Written the way people actually describe it. Each fix takes about a minute.

"I let the trigger go and it is still running"

USUAL CAUSE

Nothing is wrong - this machine has no auto-stop. But left idling, the pump reheats the same trapped water and the seals suffer after a minute or two.

THE FIX

Switch off at the red knob whenever the gun is down. That single habit is most of what keeps this machine healthy.

MOST COMMON

"It only dribbles"

USUAL CAUSE

Air trapped in the pump - happens on almost every first start of the day.

THE FIX

Machine OFF, tap fully on, squeeze the trigger until the water runs smooth and solid - then switch on and try again.

"The pressure surges up and down"

USUAL CAUSE

The pump is not getting a full feed: tap not fully open, hose kinked or coiled, or grit in the nozzle.

THE FIX

Open the tap all the way, straighten the hose, re-purge the air. Still surging? Stop and WhatsApp us a video.

"It stopped mid-job and will not restart"

USUAL CAUSE

Thermal protection has tripped - usually a long or thin extension lead, or too long idling in bypass.

THE FIX

Switch off, plug directly into a socket, give it 15-20 minutes to cool, then restart. It is protecting itself, not broken.

"A hammering noise, and the pressure is dropping"

USUAL CAUSE

The pump is being starved of water - this is the warning sound.

THE FIX

Stop straight away. Tap fully open, kinks out, hose uncoiled. Running it starved is the one thing that causes real damage.

"Water is leaking from the machine"

USUAL CAUSE

A few drips after shutdown are normal. A steady leak while running is a seal or coupling problem.

THE FIX

Check your hose clip at the inlet first. If the leak is from the machine itself, stop and send us a photo on WhatsApp.

"It blew the fuse or trips the electrics"

USUAL CAUSE

This is a full 13-amp machine - thin extension leads and shared circuits cannot feed it.

THE FIX

Plug directly into a socket with nothing else heavy on the circuit. If you must extend: 2.5mm² lead, fully unwound.

Before you call us - the 30-second check

- ☒ Tap fully on and hose uncoiled?
- ☒ Plugged straight in - no coiled reel?
- ☒ Purged until the water ran solid?
- ☒ Oil glass checked this morning?

All four yes and still stuck? Two minutes on WhatsApp usually sorts it - send a photo or video.

WhatsApp us · 020 3375 4048

Call 020 3375 4048

SAFETY

Five rules - that's all

Never point the jet at people, pets, windows or anything electrical. At 100 bar it strips paint - and skin.

Both hands on the gun, brace before you squeeze. The kickback is real. Work from the ground, never a ladder.

RCD-protected socket, dry hands, and keep connections off wet ground.

Cold water in, never run it dry, and switch off before leaving it unattended even for a minute.

Test a hidden patch first. Old pointing, soft render and painted wood will not forgive 100 bar at close range.

END OF HIRE

Before we collect - two minutes

- 1 Switch off, turn the tap off, then squeeze the trigger to release the pressure and let the water drain.
- 2 Disconnect your hose. Drain the high-pressure hose and coil both loosely - no tight kinks.
- 3 Cold night coming? Keep the machine somewhere frost-free - water left inside freezes and cracks the pump.
- 4 Quick wipe-down, then hand back the machine, gun, lance and high-pressure hose together.

Handed back like this, your deposit goes straight back - no questions, no delays.

Specifications from the manufacturer's rating plate (K.E.W. Industri A/S, Hadsund, Denmark - today part of Nilfisk). Danish commercial build is why this machine still works for a living nearly forty years on. Keep this guide with the unit - it also lives on the product page at hireload.co.uk.

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