skyVac®

Industrial 85 *Assembly Guide*

CONGRATULATIONS ON YOUR PURCHASE

An exceptional system, delivering **150 Inch water lift*** and **10,000 Litres per minute air flow.*** Capable of accessing gutters up to 12m / 40 feet / 4 stories in height, the **skyVac Industrial 85,** comes with a lightweight, carbon fibre pole system, along with an array of tools, to tackle the contents and shape, of every gutter challenge.

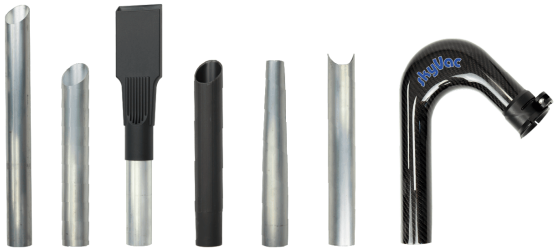
MAXIMUM 8 POLE HEIGHT

skyVac
INDUSTRIAL 85 **8 POLE PACKAGE**

4 STOREYS

NEW
DRAIN HOSE & SIEVE

ELITE VAC RELEASE, POLES & CARRY BAG



ELITE END TOOLS & 135° HAIRPIN NECK

7.5METER 50MM REINFORCED HOSE

Pole number will vary, depending on height package purchased.

*LIGHT DEBRIS SETTING: 10,000 LPM / 95 Inch Water Lift.

HEAVY DEBRIS SETTING: 8,600LPM / 150 Inch Water Lift

KEY FEATURES

skyVac INDUSTRIAL 85 | KEY SYSTEM FEATURES

skyVac® Elite Drum with Darin Hose & Sieve Basket

KEY FEATURES

skyVac INDUSTRIAL 85 | HEAD & FILTER - KEY FEATURES

skyVac® Elite Hairpin Neck Tool Holder : UK Design

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POWERMIX LEVER

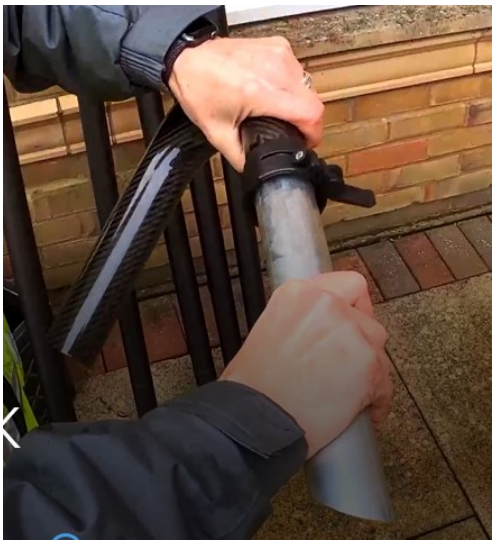
For the RIGHT suction power for each job – at the flick of a switch.

Our unique, patented “Power Mix” system, reconfigures the power supply, from parallel to series, to deliver an unprecedented 150 Inch Water lift, on the HEAVY DEBRIS setting, which is +50% higher than the standard 3 motor, wet and dry machines.

KEEP RIGHT: Use “FASTEST CLEANING” as your standard setting.

FASTEST CLEANING:	GRASS TUFT & WATER EXTRACTION ONLY:
FAST, EVERYDAY GUTTER CLEARANCE.	FOR STUBBORN BLOCKAGES AND WATER REMOVAL.
USE AS STANDARD SETTING	**SHORT TERM USE ONLY.**
	TO PREVENT THE MOTORS FROM OVERHEATING.

POLE / TOOL ASSEMBLY INSTRUCTIONS



STEP 1:

Insert your chosen Elite End Tool, into the clamped end of the Elite Hairpin Neck Tool and close the clamp.

STEP 2:

Open the clamp on the top of the Elite pole and insert the Elite, Hairpin Neck Tool.

Close clamp to secure.

STEP 3:

Adjust tension of clamp if needed, by turning it clockwise and close the clamp.

POLE / TOOL ASSEMBLY INSTRUCTIONS

STEP 4:

Build poles up to your desired height, by slotting in each pole, up to the positive stop.

We recommend resting the poles against the side of the building you will be cleaning, to achieve the required height.

Open clamp and insert pole, up to the positive stop marking and no further. Adjust tension of the clamp and close.

STEP 5:

NB: Always fit the Vac Release Pole, as your base pole

ASSEMBLY INSTRUCTIONS

STEP 6:

Screw the Soft Cuff onto the end of the Flexi Hose, then onto the bottom of the Elite Suction Pole.

STEP 7:

Insert the Hard Flexi Hose Cuff, into the Vacuum Port - you will hear a click, once it is secured.

Central motor must always be switched on during use.

STEP 8:

Start Machine:

FIRST: Switch on Middle / white button.

Then activate either / both red buttons, dependant on power required.

POLE / TOOL ASSEMBLY INSTRUCTIONS

VAC RELEASE POLE:

Control suction with a simple twist of the cuff, with the Vac Release Pole. This innovative and ultra -lightweight carbon fibre pole, enables the operator to safely and efficiently release gutter debris, without having to lower poles, or cut vacuum power.

HOW TO USE:

Place the end tool on the grass tuft and lift away from the gutter. Open up the Vac Release door, to release the suction, this will release grass from the end tool.

IMPORTANT: Ensure you can drop the grass safely to the ground.

EMPTYING YOUR MACHINE

The skyVac® Industrial now features a **Drain Hose** and **Sieve Basket**, a more flexible and user friendly approach, to gutter waste disposal. These additions separate the gutter contents into liquid and organic matter.

DRAIN HOSE

STEP 1:

DRAIN HOSE:

To remove liquid from the base of the drum, unclip the hose from the base of the drum, un-cork the drain hose cap.

Pour the contents into a drain.

Ensure the hose cap is securely fastened to the drain hose after use.

STEP 2:

SIEVE BASKET

To access the sieve basket, remove the Vac head.

Unclip the side clamps on-to both sides of the drum.

To undo, place your hand under the base of the clip, and pull, up and out.

EMPTYING YOUR MACHINE

STEP 3:

LOCKING FRONT CASTORS

Before emptying your skyVac, or remove the drum from the chassis, press down on the steel lever, on the back of each wheel with your foot, to secure the machine firmly in place.

STEP 4:

Lift the head (and filter) from the inside of the drum.

Place Safely and securely on the ground.

STEP 5:

The Sieve Basket collects saturated moss and leaves, allowing the water to drain through, into the base of the drum.

To empty, simply lift the basket out of drum, using the handles on either side and tip debris into a recycling bin / compost heap.

STEP 6:

Fine silt and sediment will collect in the base of the drum, so it is essential to empty your drum, at the end of each project.

Once the machine is secured in place, using the handle at the base of the drum, lift and tilt forwards.

Empty contents into a drain, or compost heap, with permission from your customer.

TO REMOVE DRUM FROM CHASSIS

Unlock the drum from the chassis, by lifting the Red knob upwards

Lift drum off trolley, & slot back in place once finished

Secure the drum back in place, pushing red knob forward to lock in place.

BEST PRACTICE: FILTER

DRY / DUSTY DEBRIS:

Filter must be used. Ensure that a clean filter is secured in place, before each project.

SLUDGE / LIQUIDS

The filter can be extracted, to remove sludge and liquids.

TO REMOVE FILTER

To remove the filter, rotate the black end filter, to unlock the protective cap.

MAINTAINENCE: FILTER

When the pleats of the filter become clogged with dirt, it prevents air from entering into the system, which can affect performance and cause loss of suction.

To remove the dirt, simply use a stiff brush. We would also recommend hosing the filter down with water, at the end of every working day.

ENSURE THE FILTER IS CLEAN & DRY BEFORE EACH NEW PROJECT

WARNING:

ENSURE THAT THE FILTER IS IN PLACE, BEFORE USING THE VACUUM. THE FILTER IS DESIGNED TO PREVENT DUST FROM CAUSING DAMAGE TO THE MOTORS. FAILING TO REPLACE THE FILTER, COULD INVALIDATE YOUR WARRANTY.

MAINTAINENCE: FILTER

The basket area behind the filter, can also get coated in dirt and prevent the system from breathing.

To clean the basket, disconnect it, by twisting it slightly to the left and pulling it out.

Remember to remove the white float valve, before cleaning.

To clean, simply hose down the black plastic area, or wash in sink with liquid.

NB: when putting the float valve back, make sure the white bit is facing up towards you, as this is heat proof.

To put the basket back, place back into position and twist slightly to the right, until you hear a click.

When placing the head of the vacuum back on the chassis, make sure the motors are in line with the handle, this will ensure that all the debris being sucked into the vacuum, will be deflected around the deflector plate, to protect the filter.

MAINTAINENCE : POLES

During cleaning, wet or damp gutter debris, can sometimes stick to the inside of your poles, and the weight of the poles will increase slightly. To remedy this, place the end tool in water and suck up a small amount of water.

After every job, clean the inside of the poles and flexi hoses, by sucking half a bucket of water up into the vacuum and empty.

Always wipe down poles with a damp cloth after use, to ensure that they are free from debris, and to avoid wearing joints prematurely.

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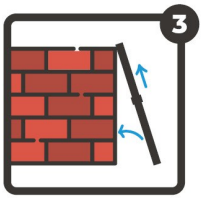
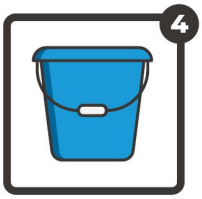
Best practice and troubleshooting

Start each new project, with a clean, DRY filter.

Regularly inspect your filter for wear and tear. Damaged pleats and holes can allow dust to enter the motor windings. Replace the filter every four months.



Build your poles up to the require height resting against the side of a building - **DO NOT** assemble on the ground and then try to lift up.



Have a clean bucket of water on standby! To help clear through blockages during gutter clearance projects.

At the end of each task, rinse the system through. Drop the poles into a bucket of clean water and let it run through the poles, hose and Vacuum.

Give poles and end tools a thorough clean to ensure they are clean and free from dirt paying attention to the joins.

ISSUE	POTENTIAL CAUSE	SOLUTION
Loss of Suction	Dirty, wet or blocked filter	Use a clean & dry filter
Loss of Suction	Debris blocking the neck, poles, hose or vacuum entrance	Clear blockages
Loss of Suction	Drum full to operating capacity	Empty drum of debris
Loss of Suction	Leaves blocking at end tool	Tap leaves & end tool on roof tiles
Loss of Suction	Build up of damp debris inside the neck, poles, hose or vacuum entrance	Rinse the system clean by sucking clean water from a bucket
Suction not powerful enough	Not all motors have been switched on. Check operating lights.	Select three motors, switching the central (white button) on first
Machines stopped working	System has overheated and automatically shut down	Clean filter, leave machine to cool down for 10 mins. Ensure the POWERMIX LEVER is set to FAST CLEANING
Machines stopped working	Loss of power	Check power supply
Machines stopped working	Too many, or incorrect extension leads	Always use heavy duty extension leads