

Kingspan

Rainwater Harvester

PRE-COMMISSIONING CHECK LIST

It is important and part of planning/building regulation that you have your wastewater treatment equipment installed correctly and accompanied by an commissioning certificate.

Date: _____ Product code: _____ Delivery date or order number: _____
 Site Contact Name: _____ Site Contact Number: _____
 Site Contact Email: _____
 Site Address: _____
 Postcode: _____ Eircode: _____ What3Words: _____

Please provide the new owner's details below:

Customer Name: _____ Customer Contact Number: _____
 Customer Email: _____

Standard Commissioning

This requires that the unit has been installed by the main contractor in line with the provided installation guidelines.

This includes the following:

- Tank installed flat and level with safe working area around the perimeter.
- All incoming and outgoing pipework has been connected.
- All supplied parts have been fitted.
- Installation complies with WRAS regulations.

The following will then be carried out by a Kingspan Service Engineer.

- Check all pump filters are fitted and pumps have been secured to anchor point or appropriate anchor (tank extension).
- Check leaf filter is in place and filter plates fitted.
- Lower depth probe into the tank and position correctly.
- Check inline filter/cartridge filter and ensure filter media in place.
- Check connections in control panel are correct prior to turning on mains.
- Run the system "Wizard".
- Set up control panel parameters ensuring the standby pump is operational (where applicable).
- Check U.V (Where applicable) and turn on.
- Check Flowsafe/Keraflow valve is fitted in tank (gravity/booster set).
- Check pump operation and check for leaks, any leaks will (where possible) be rectified, however the call may be aborted if we are unable to do so.
- Test system pressure, check pump has stopped and record results.
- Remove probe from tank and check the mains top up (direct system) .
- Set the flow through the tun-dish to ensure no spillage (valve required before solenoid valve as per installation instruction).
- Check the pressure in expansion vessel in line with cut off pressure in system and set accordingly (see requirements for pressure vessel).

On completion a report will be issued highlighting any faults/recommendations. A commissioning certificate will be issued if all is in order.

Having completed the above please sign and return to commissioning@kingspan.com

For further information please contact: UK Tel: 0333 240 6868 | IRL Tel: 0818 543 500

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COMMISSIONING DETAILS

Having agreed to a Kingspan commissioning it is important that the unit is ready for our engineer and to prevent any additional charges, please complete the following pre-commissioning check list.

Please note commissioning visit can take up to 10 working days on receipt of your completed commissioning checklist.

General	1. Has this unit been installed as per our installation and operational guidelines?	Yes	No
	2. Has the treatment plant access been extended?	Yes	No
	3. If Yes, how many metres?*		metres
	<i>*If chamber has been extended then the visit may require confined space entry resulting in additional charges</i>		
	4. How far is panel located from chamber including duct routes?*		metres
	<i>*If over 2 Metres you may require an enhanced commissioning</i>		
	5. Have all the final pipework connections been made?	Yes	No
	6. Is the water level up to the outlet?	Yes	No
	7. Is it rainwater gravity or direct system?	Gravity	Direct
	8. Is the tank free from rubble/building material?	Yes	No
	10. Are all leaf filters in place?	Yes	No
	11. Is the display panel installed and connected to the control panel?	Yes	No
	12. Has the control panel been connected to a suitable 13amp fused spur and made live?	Yes	No
	13. Has a 110mm duct been installed between the rainwater chamber and panel location with a draw string in place for cable pull?	Yes	No
	14. Has a fluid master type valve been installed to the incoming rainwater supply in header tank (gravity systems only)?	Yes	No
	15. Has the mains and rainwater valves been set as per installation guidelines?	Yes	No
	16. Has a grey water pressure vessel been installed as per installation guidelines and pre charged to 40 PSI?	Yes	No
	17. Has an isolation valve been installed before the mains top up solenoid?	Yes	No
	18. Has a UV system been fitted?	Yes	No
	19. How many applications does the rainwater supply i.e. toilets/hose points ?		
	20. What size of pressure vessel has been installed (litres)		litres
21. Pre-commissioning photos are mandatory prior to commissioning of unit installation and panels. Please confirm these have been provided.	Yes	No	
<i>If answer is No please be advised this may delay you checklist being reviewed and passed to our scheduling department.</i>			
Special Site Requirements	Is a site safety induction required?	Yes	No
	How long is site induction? (if applicable)		minutes
	<i>Answer in minutes and add NOTE Standard commission including up to 15 minutes induction. Anything over 15 minutes you will need to advise our office and additional costs will be charged.</i>		
	Is access to the plant restricted? i.e. under decking cover slabs etc.	Yes	No
Do you require a risk assessment or method statement for the commissioning visit?	Yes	No	
<i>If Yes please provide details of all documents required prior to the engineers visits including contact email and number for these to be forwarded if different from the contact number and email provided at top of checklist. - Office holds all engineers training records and certificates. If you require these for visit please detail what certificates you require i.e. Confine Space Pass etc.</i>			

On completion we will provide a site specific commissioning certificate.

If any of the above is not in place at the time our engineer is on site, or should any additional works outside the listed commissioning details be required (as per the scope of works), this may be subject to further charges.

Signed:

Position:

Date

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