

# Kingspan

## Rainwater Harvester

### PRE-COMMISSIONING CHECK LIST

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 be aware it can take 5-10 days to organise”**

Date: \_\_\_\_\_ Product code: \_\_\_\_\_ Delivery date or order number: \_\_\_\_\_  
 Site name: \_\_\_\_\_ Contact name: \_\_\_\_\_  
 Email: \_\_\_\_\_ Contact number: \_\_\_\_\_  
 Address: \_\_\_\_\_

*(including postcode if possible):*

General		Full	Visual
	Type of commissioning required and paid for:	Full	Visual
	Has the tank has extension Necks installed more than 1 Metre?	Yes	No
	If so please advise how many Metres?		
	<i>If Yes confine space entry equipment maybe required and additional costs applied</i>		
	Has this unit been installed as per our installation and operational guidelines	Yes	No
	Have all the final pipework connections been made?	Yes	No
	Is the water level up to the outlet?	Yes	No
	Is the Rainwater Gravity or Direct System	Gravity	Direct
	Is the tank free from rubble/building material?	Yes	No
	Are all leaf filters in place?	Yes	No
	Is the display panel installed and connected to the control panel?	Yes	No
	Has the control panel been connected to a suitable 13amp fused spur and made live?	Yes	No
	Has a Fluid Master type Valve been installed to the incoming rainwater supply in header tank (Gravity Systems Only)?	Yes	No
	Has the Mains and Rainwater Valves been set as per installation guidelines?	Yes	No
	Has a grey water pressure vessel been installed as per installation guidelines?	Yes	No
	Has an isolation valve been installed before the mains top up solenoid?	Yes	No
	Has a UV system been fitted?	Yes	No
	How many applications does the rainwater supply i.e. toilets/hose points ?	Yes	No
	What Size of Pressure vessel has been installed (Litres)		
	Has Pre-Commissioning Photos been attached of Unit Installation and Panel's?	Yes	No

Special Site Requirements		Yes	No
	Is a site safety induction required?	Yes	No
	If so what is the average time?		minutes
	Is a permit required?	Yes	No
	Is access to the plant restricted? i.e. Under decking cover slabs etc.	Yes	No
	Any other site specific requirements please state here:		

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

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 [helpingyou@kingspan.com](mailto:helpingyou@kingspan.com) or fax to **0044 28 3836 4445**

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

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## Rainwater Harvester

### COMMISSIONING DETAILS

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

Within the attached quote we offer two levels of commissioning, a '**Full Commissioning**' or '**Visual**'. Below we include details of each.

<b>Enhanced Commissioning</b>	Comprises all of the below tasks but also includes the drawing through of cables between the pumps and the panel, this is ideal for situations where large distances between the 2 have been specified. The cables will be terminated at both ends.
<b>Full Commissioning</b>	<p>This requires that the unit has been installed by the main contractor in line with the provided installation guidelines.</p> <p>This includes the following:</p> <ul style="list-style-type: none"> <li>→ Tank installed flat and level with safe working area around the perimeter.</li> <li>→ All incoming and outgoing pipework has been connected.</li> <li>→ All supplied parts have been fitted.</li> <li>→ Installation complies with WRAS regulations.</li> </ul> <p>The following will then be carried out by a Kingspan Service Engineer.</p> <ul style="list-style-type: none"> <li>→ Check all pump filters are fitted and pumps have been secured to anchor point or appropriate anchor (tank extension).</li> <li>→ Check leaf filter is in place and filter plates fitted.</li> <li>→ Lower depth probe into the tank and position correctly.</li> <li>→ Check inline filter/cartridge filter and ensure filter media in place.</li> <li>→ Check connections in control panel are correct prior to turning on mains.</li> <li>→ Run the system "Wizard".</li> <li>→ Set up control panel parameters ensuring the standby pump is operational (where applicable).</li> <li>→ Check U.V (Where applicable) and turn on.</li> <li>→ Check Flowsafe/Keraflow valve is fitted in tank (gravity/booster set).</li> <li>→ 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.</li> <li>→ Test system pressure, check pump has stopped and record results.</li> <li>→ Remove probe from tank and check the mains top up (direct system) .</li> <li>→ Set the flow through the tun-dish to ensure no spillage (valve required before solenoid valve as per installation instruction).</li> <li>→ Check the pressure in expansion vessel in line with cut off pressure in system and set accordingly (see requirements for pressure vessel).</li> </ul>

On completion we will provide a site specific commissioning certificate.

#### Visual

With all the above having been carried out by the main contractor a Kingspan service engineer will visit the site do a visual inspection of the install and if all is in order provide a site specific Commissioning Certification based on a visual inspection, if any issues arise these will be reported in writing to the contractor and once rectified the certificate issued.