

Kingspan Pump Chamber

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 5-10days to organise”**

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

(including postcode if possible):

General	Type of commissioning required and paid for:	Full	Visual
	Has this unit been installed as per our installation and operational guidelines?	Yes	No
	Has the Inlet/Outlet connections been made and sealed?	Yes	No
	Is the tank half filled with water to assist commissioning?	Yes	No
	Is the tank free from rubble/building material?	Yes	No
	Is the control panel located next to the tank?	Yes	No
	<i>If the panel is situated more than 2mts from the chamber please indicate as an enhanced commissioning may be required</i>		Mtrs. from chamber
	Is an enhanced commissioning required?	Yes	No
	Has 110mm ducting along with draw strings been installed between tank and control panel?	Yes	No
	Has the Panel/Isolator been Mounted securely and connected to mains power supply and made live?	Yes	No
	Is Commissioning Single Phase or Three Phase electrics?	Single	Three Phase
	Is Pumps and fixing brackets (Where Applicable) onsite located beside unit/ Installed ready for commissioning?	Yes	No
	Is all Pump Floats Onsite beside unit/Installed ready for commissioning?	Yes	No
	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 or fax to **0044 28 3836 4445**
 For further information please contact: UK Tel: **0333 240 6868** | IRL Tel: **0818 543 500**

Kingspan

Pump Chamber

COMMISSIONING DETAILS

It is important and part of planning/building regulation that you have your Pump Chamber installed correctly and accompanied by a commissioning certificate.

Within the attached quote we offer three levels of commissioning, a 'Visual', 'Standard Commissioning' or 'Enhanced Commissioning'.

Below we include details of each.

All Levels of 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.
- The control panel has been mounted.
- Permanent electrical supply has been fitted to the panel (extension leads or generator supplies will not be acceptable).

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

Standard Commissioning

- Check the system is installed to manufacturers instruction
- Fit floats in tank and set the levels
- Pull float and pump cables through the ducts using drawstring provided
- Connect pump and float cables to the control panel using appropriate glands (the panel must be within 2m of the chamber or select "enhanced commissioning")
- Check float cable operation and terminate (stop,start,standby,alarm)
- Connect lifting chains to pumps
- Check pump rotation
- Run the pumps via the float switches to ensure correct operation and discharge
- Test high level alarm and beacon (if applicable)
- Test pumps on hand for functionality
- Leave on Auto for future use

Enhanced Commissioning (inc. all of above)

- 2 engineers
- Cable and junction boxes will be supplied in line with the Pre- Commissioning check sheet (extra charge)
- Pumps will be fitted and chains attached

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.