Algas Test Filter

**General Information:**
The ALGAS test unit is normally delivered on a trailer or if by sea and air in a container. For loading and unloading it will be necessary to use a forklift with long forks.
Weight of the test unit:
Empty 650 kg
Filled with water approx. 1000 kg
Dimension: L = 1570 mm, W = 1385 mm, H = 1330 mm

**Accessories:**
Electro magnetic flowmeter
Spray water pump
Supply pump
Polymer proportioning pump
Various flexible piping
6 replacement segments with suitable filter cloths
Types of filter cloths available:
10µ, 20µ, 30µ, 40µ, 80µ, 100µ, 120µ, 285µ, 425µ, 1000µ
Base frame: Steel with height 1200 mm.

**Mechanical Installation:**
The ALGAS test unit can be installed on the ground or on the steel base frame. Please ensure that the unit is leveled. Inlet supply and outlets operates through fire hoses with express coupling.
Supply and cloudy filtrate – diameter 1½"
Outlet clear filtrate and reject diameter 4"
Please provide fresh water for filling up and cleaning the test filter unit.

**Electrical connections/Electricity:**
Main drive including spray water pump:
380 Volt – 32 Amp
Fan (if necessary):
380 Volt – 16 Amp
Polymer proportioning pump for chemicals:
380 Volt – 16 Amp
Supply pump (if necessary)
380 Volt – 16 Amp

**Samples:**
It is recommended to take regular samples of supply, clearfiltrate and reject during the trials. The results should be noted in the table. In addition, for every sample we need the speed and rotation of the filter drum, the level difference between inside and outside of the drum and also measurements of the inlet, clearfiltrate, cloudy and reject flows.