TECHNICAL SUBMITTAL / RO PLANT

10,000 GPD brackish-water RO plant

Capacity selection for a configured reverse osmosis plant. The equipment schedule is completed against the project water analysis and production hours.



Aqua Best RO equipment family

Output target
10,000 US GPD

Equivalent daily volume
Approx. 37.85 m^3/day

Equipment selection
Project configuration pending

Document register

Document	Sample pack	Project issue
Technical datasheet	Aqua Best capacity listing	Exact model sheet required
Equipment drawing	Interface sketch · page 2	Issued GA drawing required
Installation requirements	Coordination matrix · page 3	Agreed site requirements

Aqua Best 10,000 GPD capacity reference

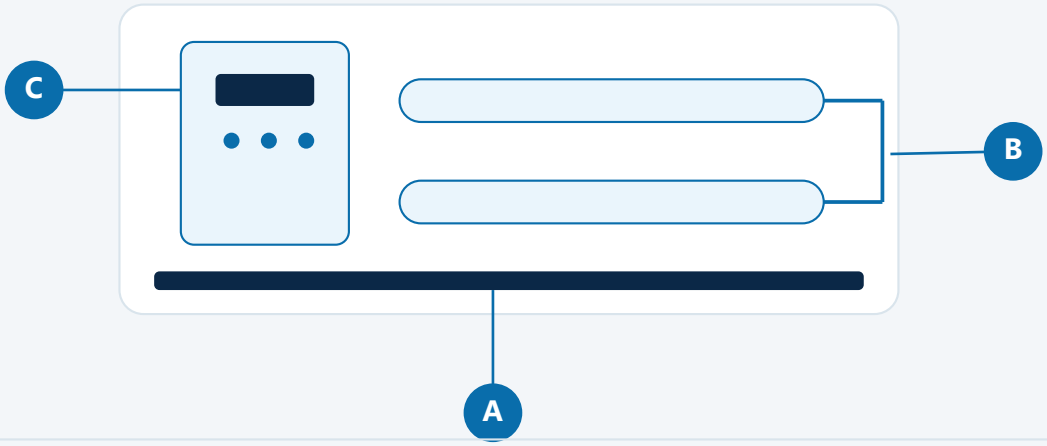
Demonstration copy. Issue project documents after model and drawing review.

EQUIPMENT DRAWING

RO skid interface sketch

The project drawing adds the selected skid dimensions, connection schedule and maintenance space.

ILLUSTRATIVE INTERFACES / NOT TO SCALE



Drawing number and revision to be assigned for the selected configuration.

Items to check on the issued drawing

A **Skid and access**
Confirm footprint, wet weight, anchoring and membrane withdrawal space.

B **Water connections**
Identify feed, treated water and concentrate interfaces, with sizes and elevations.

C **Power and controls**
Record electrical load, supply, levels and required interlocks on the issued drawings.

INSTALLATION REQUIREMENTS

Site coordination checklist

Use this page to assign supply, installation and commissioning responsibilities before the project pack is issued.

Workstream	Site team provides	Aqua Best pack records
Water and duty	Water report, intended use and operating hours.	Output and recovery basis, pretreatment and membrane schedule.
Pipework	Tank, feed and discharge interfaces and available pressures.	Connection schedule and an agreed division of installation work.
Plant room	Access route, available floor space and power supply.	Skid size, weights, service clearances and electrical requirements.
Commissioning	Required performance checks and witnessing arrangements.	Agreed acceptance criteria, test records and handover documents.

Before submitting for approval

Complete the design schedule and issue the matching general arrangement (GA) drawing, process diagram and site installation requirements under the same revision.

Request a project-specific pack

Provide the project name, equipment tag, required quantity and duty. Include the consultant's specification or drawing list when available.

Aqua Best quotation enquiry