

Your BOP needs water, but not just *any* water.

Introducing...



The first self-contained system to deliver highly purified technical water to your BOP, on demand.

Most rigs get BOP control water from their onboard fresh water supply. But this water may be inconsistent or below the standards required by the BOP manufacturer. Its use could result in increased down time and maintenance, or worse, a catastrophic failure.

BlueGuard strips organic materials and ions from your onboard source water, neutralizing pH levels and producing highly purified technical water with a 90% decrease in hardness.

BlueGuard water meets or exceeds the purity requirements specified by all major suppliers of BOP control fluid.



Your BOP needs to operate at 100% effectiveness with every action, minimizing shutdowns, lost time and revenue.

You have too much at stake to take a chance on impure water.



TOLL FREE: 1-800-964-7035
OR CALL: (713)468-9569

sales@aqua-chem.com
www.aqua-chem.com

AQUA CHEM

Global. Water. Solutions.



BLUEGUARD™

The first self-contained system to deliver the technical water required by BOP manufacturers



SPECIFICATIONS

Permeate Flow	80 GPM
Permeate TDS	< 40 ppm
Recovery Rate	85%
Feed Flow	94 GPM
Feedwater Supply Pressure	60psi
Feedwater TDS	< 300 ppm
Power Supply	30A. 460/3Ø/60 Hz

DIMENSIONS/WEIGHT (APPROXIMATE)

RO SKID

Dry Weight	2826 lbs (1282 kg)
Operating Weight	3049 lbs (1383 kg)
Length	6.16 ft (1.88 m)
Width	4.33 ft (1.32 m)
Height	5.24 ft (1.60 m)

FILTER SKID

Dry Weight	452 lbs (205 kg)
Operating Weight	500 lbs (227 kg)
Length	4.06 ft (1.24 m)
Width	2 ft (0.61 m)
Height	4.52 ft (1.38 m)

FEATURES

- Automatic Inlet Isolation Valve
- Prefilter Skid with Cl2 Removal
- FRP Pressure Vessels
- TFC Polyamide Membranes
- UV Sterilizer
- 316SS Piping and Valves
- Permeate Conductivity Monitor and Alarm
- Permeate and Concentrate Flow Transmitters
- Feed and Operating Pressure Sensors
- Feed Chlorine and pH Analyzers

AVAILABLE OPTIONS

- Feedwater Booster Pump
- Automatic Permeate Isolation Valve
- Automatic Permeate Drain Valve
- Pretreatment Chemical Feed System

SUPERIOR HARDNESS REDUCTION

Low hardness ensures maximum control fluid performance and reduced equipment maintenance

SUPERIOR TDS CONTROL

Reduced corrosion potential and improved control fluid performance results in less maintenance

SUPERIOR FLUID CONTROL

Pure water at the BOP mix tank which meets or exceeds BOP equipment and Control Fluid OEM requirements, whether source water is potable or a bunkered water source

WATER ON DEMAND

Pure water produced on demand at the BOP mix tank, reducing chances of contamination associated with potable water storage and distribution

PLC CONTROLLED

Remote integration and monitoring capabilities

ORGANIC/BIOLOGICAL REMOVAL

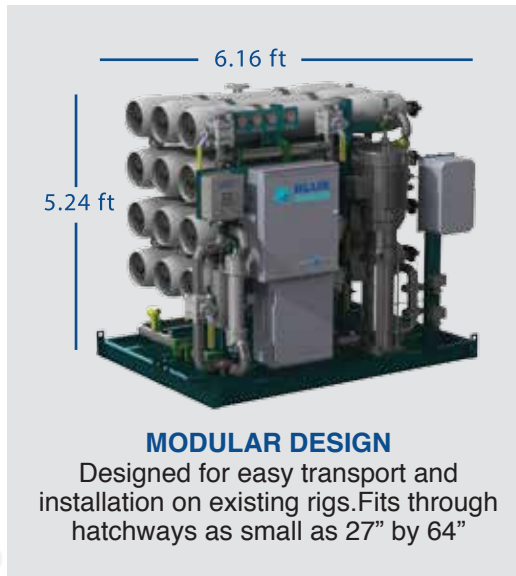
Pure water with organics and biological contaminants removed at the BOP mix tank ensures meeting or exceeding BOP equipment and Control Fluid OEM requirements

MINIMAL COMPONENTS

Low maintenance

MODULAR DESIGN

Designed for easy transport and installation on existing rigs. Fits through hatchways as small as 27" by 64"



All water is *not* created equal. Don't put your BOP at risk.

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