

30A0-085	Neo 250 with onboard oxygen generator, Emergency spare parts list, EU models
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Ozone Generator, Emergency Spare Parts	
Part Number	Description
30A0-078	Ozone generator, Neo, Emergency Spare Parts, US & EU

## Preventative Maintenance

### Monthly Inspection Checklist

Model	Component	Description
All	Gas Leakage	Use soap water to check the gas leakage on the joints and fittings. Check for signs of cracking on the tubes
All	Water Pressure	Check water pressure gauge (8-30 Psi). Compare historical values on the remote monitoring dashboard (requires subscription).
All	Compressors visual inspection	Check for erratic vibration or heat marks on the housing.
All	Rotameter	Check rotameter value and compare with previous readings
All	Visual inspection	Check gas tubing and look for spots with condensation, and heat marks
All	Main pressure regulator	Check the outlet of main pressure regulator. Combination of high gas pressure (above 90SPi) and constant outgoing flow from regulator can be a sign of diffuser fouling or gas blockage inside the nanobubble generator. CIP may be needed.
Onboard O2 generator	Ozone generator operation	While the unit is running, the green power switch must be in "on" position with green light.
Onboard O2 generator	Oxygen generator intake filter	Replace oxygen generator air intake foam filter with the spare filter. See manual for instructions. Save cleaned filter for next use.
All except standard	Gas Pressure	Check gas pressure gauge (40-110 Psi). Compare with historical values on the remote monitoring dashboard (requires subscription).
All except standard	Compressor suction	Detach the suction tube on the compressors. Check the suction by putting a piece of paper on the tube to block the air flow.
All except standard	Main compressor flow	Detach tube from the back of the rotameter and check gas flow.
Enriched and offboard	Rotameter	Note rotameter value and compare with previous readings. Adjust flow by using rotameter knob
Aquatic pumps (Pentair/DAB)	Pump basket	Stop the unit. Take the pump lid out. Inspect and clean the basket.

Model	Component	Description
Onboard oxygen generator	Rotameter	Note rotameter value and compare with previous readings. Adjust flow by using oxygen generator rotameter knob
Onboard O2 generator	Oxygen generator air circulation	Check the fan and the inlet foam filter. Follow manual instructions to clean the foam filter
Onboard Ozone generator	Oxygen generator flow	Check for internal gas leakage. Detach the main compressor inlet tubing. Gas must flow from O2 generator.
Onboard Ozone generator	Ozone generator fan	Remove fan cover and visually inspect the fan. Inspect foam filter and replace/clean if needed.
Onboard Ozone generator	Ozone generator settings	Check rotameter value and ozone concentration. Adjust ozone concentration if desired. Max value must be below 80% for continuous operation.
Enriched	Enriched air pressure regulator	the outlet of the regulator is located outside the unit right under the regulator. Air must constantly flowing out under the unit.
Enriched	Enriched air pressure	Enriched air pressure must between -2 to +5 Psi. Adjust the pressure by turning the enriched air back pressure regulator while the unit is running
Enriched	Enriched compressor flow	Detach the tube between primary compressor and prism. Check gas flow.

## Preventative Maintenance Schedule

Moleaer offers preventative maintenance kits that includes all the components that needs to be replaced as noted in the below table.

Schedule	Description
Week 1	Perform monthly inspection
Week 2	perform monthly inspection
Week 4	perform monthly inspection
6 months	Perform monthly inspection
	Replace main compressor air filter (all units except standard)
	Clean O2 generator enclosure (onboard O2 units only)
1-year	Perform monthly inspection
	Visually inspect electrical enclosure. Look for heat marks & loose wires. Wipe out condensed water.
	Perform CIP
	Replace main compressor capacitor (All units except standard)