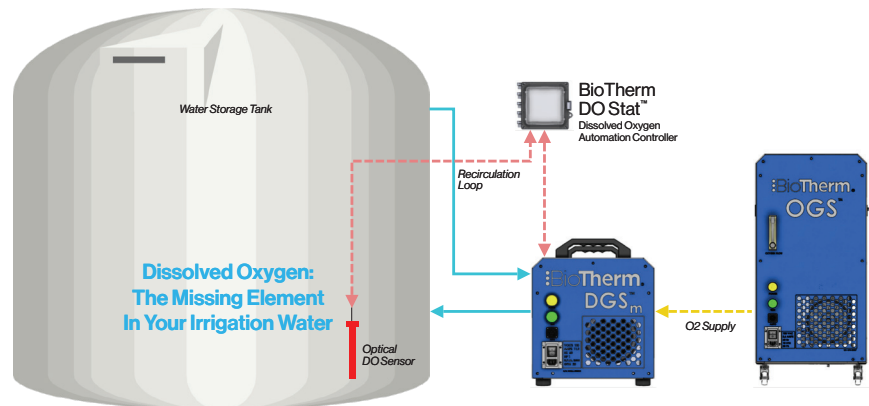


OGS™ Oxygen Generation System



Applications

- Water Tank Recirculation / Reservoir Oxygenation
- NFT
- Deep Water Culture

The BioTherm Oxygen Generation System™ (OGS) is a highly efficient oxygen generation system that helps to increase measurable dissolved oxygen (DO) levels in irrigation water.

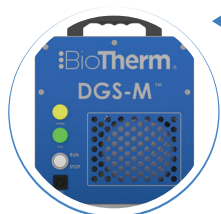
For customers with larger oxygen needs or those looking to reduce oxygen tanks, the OGS was built to fill the specific need for efficient oxygen infusion.

The OGS produces 90% pure oxygen and runs 10 LPM. This system was designed to support the Dissolved Gas System (DGS) to increase the levels of dissolved oxygen in irrigation water. The DGS & OGS are a plug-and-play solution to dissolved oxygen infusion.

Features & Benefits

- Plug & play system application
- Enhanced oxygen levels in irrigation water
- Enhanced root growth
- Improved photosynthesis
- Increased plant metabolism
- Prevention of root rot and other pathogens
- Improved nutrient uptake

Accessories



◀ DGS Series

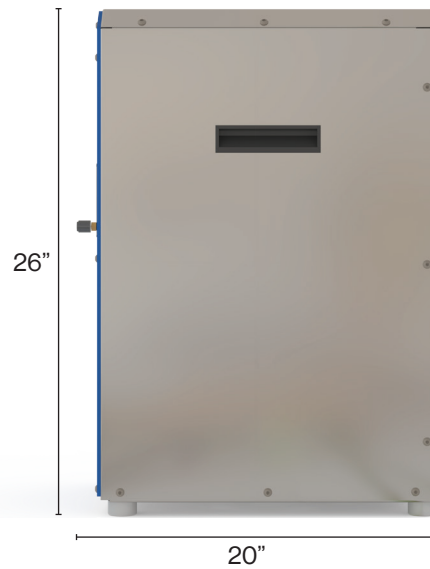
Optimize dissolved oxygen levels in your irrigation water with the DGS™ Series of Dissolved Gas Systems. Designed to be plug-and-play for easy dissolved oxygen infusion.

DO Stat ▶

The DO Stat reads dissolved oxygen levels and temperature in your irrigation lines or tank and controls the O2 infusion process.



OGS Oxygen Generation System



MODEL	OGS-10
PERFORMANCE SPECIFICATIONS	
Max Flow Rate, LPM/SCFH	10/21
Max Outlet Pressure, PSI	20
OPERATING PARAMETERS	
Average Oxygen Content	At 2 LPM, > 90%
Average Oxygen Content	At 10 LPM, 87% to 95.5%
ELECTRICAL REQUIREMENTS	
AC Voltage, VAC	120
Phase	1
Frequency, Hz	60
Power, Watts	700
Mains Protection	10 A
CONTROL	
Power Switch IEC Connection	On/Off
Optional Automation Package*	DO Stat
CONNECTIONS	
System Gas Fitting for O ₂ Discharge	Push-to-Connect Fitting for 3/8in OD Tube
DIMENSIONS AND WEIGHT	
Height, inches	26
Width, inches	13.5
Length, inches	20
Weight, lb	50

*Performance may vary depending on elevation