



Delivering the **Science** of Nitrogen Generation™

HOB Series Oxygen Generators

The Holtec HOB Series Oxygen Generators are engineered to deliver high-purity oxygen on-site, reducing reliance on bulk supply and improving operational control. Designed and built in North America to meet the American Society of Mechanical Engineers (ASME) standards.



Delivering the Science of Nitrogen Generation™

Key Benefits:

- **On-Demand Oxygen:** No delivery delays or supply interruptions
- **Built-In Safety:** No cryogenic tanks or high-pressure cylinders
- **Long-Term Reliability:** 20-year adsorber life and 5M-cycle switching valves
- **Smart Controls:** 7" full-color HMI with PLC for intuitive operation
- **Certified & Safe:** ASME pressure vessels, UL-listed controls for peace of mind
- **Plug-and-Play Options:** Skid-mounted or containerized systems for fast setup

Specifications:

Model	90% Purity O ₂ SCFM (70°F)	93% Purity O ₂ SCFM (70°F)	95% Purity O ₂ SCFM (70°F)	Inlet Air	Outlet O ₂ to Buffer Tank	Inlet O ₂ Flow Control	Outlet Oxygen to User	Length (inches)	Width (inches)	Height* (inches)	Weight* (lbs)
HOBS-30	1.3	1.3	1.2	¾"	½"	½"	½"	35"	26"	81.5"	711
HOBS-40	1.7	1.7	1.5	¾"	½"	½"	½"	35"	26"	101.5"	751
HOBS-50	2.2	2.2	2	¾"	½"	½"	½"	35"	26"	81.5"	1004
HOBS-60	2.7	2.7	2.5	¾"	½"	½"	½"	35"	26"	97.5"	1021
HOBS-75	3.4	3.3	3.1	¾"	½"	½"	½"	35"	30"	81.5"	1085
HOBS-90	4.1	4	3.7	¾"	½"	½"	½"	35"	30"	101.5"	1225
HOBS-110	4.8	4.7	4.3	1"	¾"	½"	½"	35"	30"	81.5"	1327
HOBS-125	5.6	5.5	5.1	1"	¾"	½"	½"	35"	30"	92.5"	1485
HOBS-145	6.2	6.1	5.7	1"	¾"	½"	½"	35"	37"	90"	1547
HOBS-165	7.3	7.2	6.7	1"	¾"	½"	½"	35"	37"	97.5"	1685
HOBS-195	8.6	8.4	7.8	1"	¾"	½"	½"	35"	39"	91.5"	1916
HOBS-220	9.7	9.6	8.8	1"	¾"	½"	½"	35"	39"	100.5"	2099

Notes: 1. Height and Weight are estimates. 2. Electrical Requirements: 120V / 1PH / 60Hz. 3. Consult factory for performance at other temperatures, pressures, & purities. 4. Printed Copies are not revision controlled



Let's design the right oxygen generation

system for your operation.

Visit www.holtecllc.com

or contact your Holtec representative.

HOB Series Oxygen Generators

At Holtec, we don't just offer standard products; we craft solutions tailored to your unique needs.

Our team partners with you to tackle application challenges head-on, ensuring the right fit every time. When it comes to selecting an oxygen generation system, let Holtec be the trusted partner you can count on.

Engineered for Your Facility

Holtec's engineering team works directly with customers to configure systems that meet specific processes, space, and compliance requirements. Every project is supported by technical expertise and lifecycle service.



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979 Portwest Drive, Suite 101,
Saint Charles, MO 63303

Tel.: 1-636-757-3920

Fax: 1-636-757-3923

E-Mail: sales@holtecllc.com

holtecllc.com