

OB-30 Oxygen Booster For Charter and Commercial Aircraft



**Plug-and-Play
package for quick
and simple installation**

**No inlet air valve,
air regulator, or air
lubricator required**

**Dual 10 micron inlet
and outlet oxygen filters**

**Optional 3- or 4-bottle
powder-coated steel
cart available**

Integrated design includes built-in drive regulator, ON/OFF toggle valve, inlet & outlet oxygen gauges, inlet & outlet filters, exhaust muffler and cut-in, cut-out switches to prevent under or over pressurization. Also included is an inlet coalescing muffler and an excessive oxygen shut-off valve for additional safety. The booster includes aerospace-grade seals in a 'plug & play package' with all non-ferrous materials of construction for sparkless operation.

OB-30 Design Optimized for Safety:

Oxygen-wetted components are principally brass – far surpassing stainless steel for safe service in oxygen systems. All oxygen-wetted parts are cleaned per Spec. APR-1176.

Users can view a training presentation at
OB30training.com



Interface Devices, Inc.

OB-30 Oxygen Booster

For Charter and Commercial Aircraft

OB-30 Specifications:

Dimensions: 15" L, 9.4" H and 8.9" W

Weight: 45 lbs. complete

Inlet drive pressure: 80 psi required

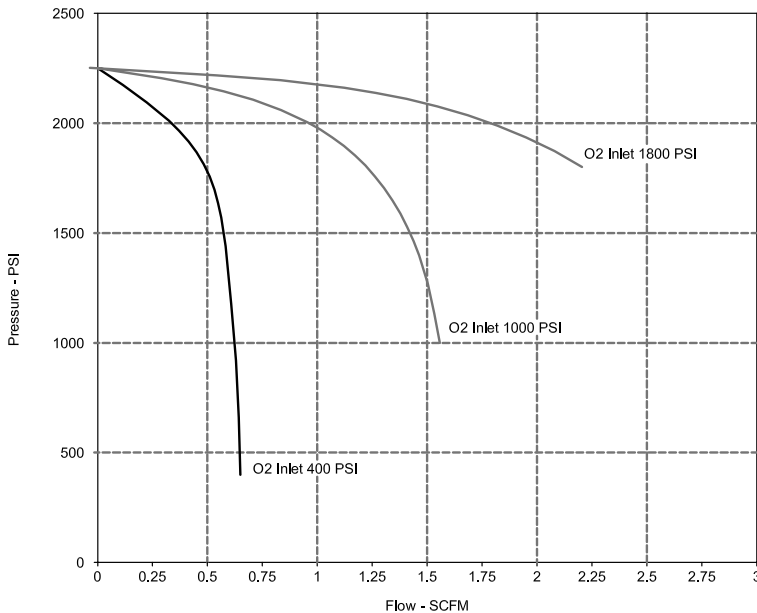
Booster output rating: 2,200 psi

Oxygen Booster ratio: 30:1

Oxygen service-approved input and output hoses required.

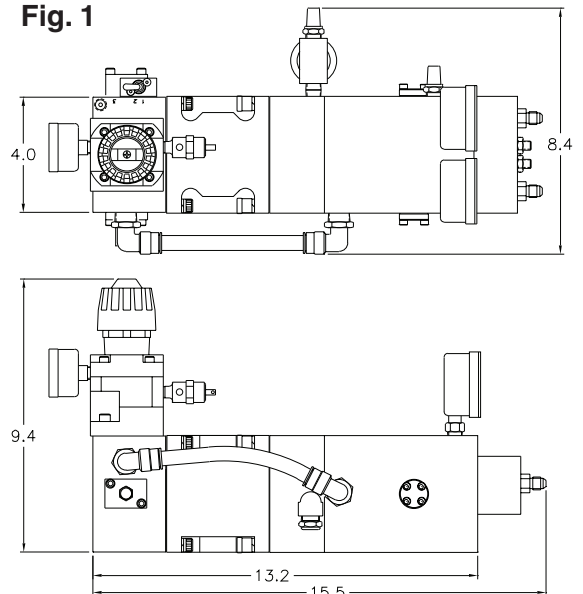
OB-30 Performance

at 75 psi input and 400 psi inlet:



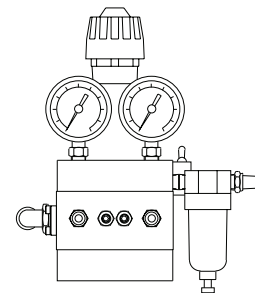
Performance will change with different drive pressures.

Fig. 1



Not shown in Fig. 1, but included and shipped loose:

- Coalescing Drive Filter
- Oxygen Excessive Flow Shut-off Valve
- Mounting Plate



The operation, maintenance, and troubleshooting of any high-pressure Oxygen Booster requires practices and procedures which ensure personal operator safety and the safety of others. All personnel operating the OB-30 should be familiar with and adhere to the OB-30 Oxygen Booster Installation, Operation & Maintenance Manual as well as all instructions for the aircraft and component parts regarding the servicing of the aircraft with oxygen. All components that come in contact with the oxygen flow need to be certified for use with oxygen and rated for the system pressure. When servicing an aircraft with oxygen, it is imperative that all required safety precautions are strictly followed, including cleaning all tools and inspecting all equipment prior to each use (wrenches, screwdrivers, booster, drive supply, hoses, connections, etc.), as well as wearing the required clothing and eye protection to comply with company policy, local laws and government safety agencies (such as OSHA).



Sales Contact: Taughannock Aviation Corp.
607-257-7500 • Toll Free: 800-876-1551
www.flytac.com • garth@flytac.com



Interface Devices, Inc.

203-878-4648 • Toll Free: 800-539-0193

www.interfacedevices.com • info@interfacedevices.com

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