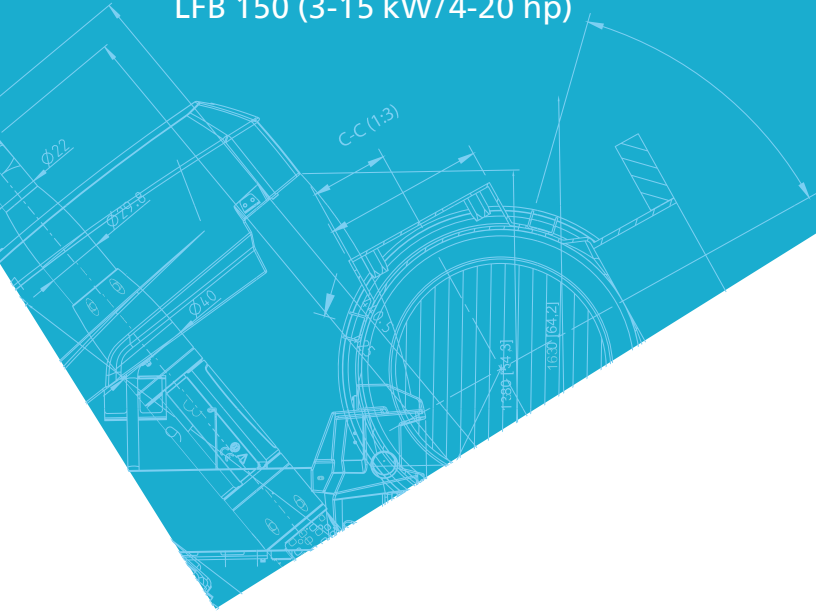


Atlas Copco

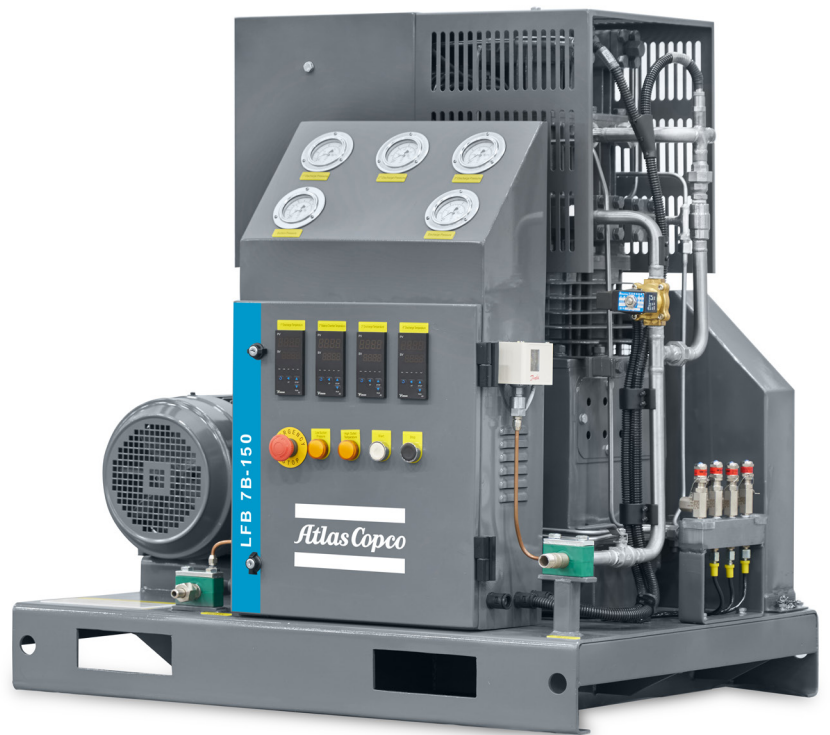
# Oxygen booster

LFB 150 (3-15 kW/4-20 hp)



## The safe, reliable oxygen booster

When you generate your own oxygen and store it for use or back-up, you need an O<sub>2</sub> booster. The Atlas Copco LFB 150 oil-free oxygen booster gives you safe, reliable and durable operation as well as premium performance.



### Safety first

- No oil in booster eliminates risk of oil and O<sub>2</sub> contact.
- Ventilation of crank casing avoids O<sub>2</sub> gathering.



### Best-in-class performance

- 100% duty cycle allows for continuous operation.
- IE 3 motor ensures high energy efficiency.
- Special design of piston and cylinder reduces leakage.



### Reliable and durable

- Protection against overpressure and overheating.
- Low running speed.
- Inline cylinder avoids piston eccentric wear.



## Your oxygen gas solution partner

Avoid safety, compatibility, and responsibility issues by working with the one partner that can provide you with a total O<sub>2</sub> gas solution. You can count on Atlas Copco to deliver the compressor, air treatment, oxygen generators and O<sub>2</sub> boosters that will serve your business best. What's more, our global service network ensures spare parts availability and quick delivery.

## An oxygen booster built to last

### Oil-less design

- No oil in booster at all.
- Eliminates the risk of oil and O<sub>2</sub> contact.
- Ensures higher operational safety.

### Extra quality features

- Temperature and pressure sensors avoid overheating and overpressure.
- Strainer removes extra particles.
- Built to provide higher operational reliability.

### Vertical inline cylinder

- No eccentric wear.
- Less leakage.
- Designed for a longer lifetime.

### IE3 motor

- Less energy consumption.
- Lower operational costs.

### Non-metal piston ring

- Better sealing.
- Less leakage.
- Ensures higher efficiency.

### Stainless steel cylinder with coating

- Improved wear resistance.
- Designed for a longer lifetime.

## Technical specifications

Booster type	Inlet pressure		Max. outlet pressure		Flow @ 50 Hz & 60Hz				Motor speed (rpm)		Motor power		Dimensions	Weight
	bar(e)	psig	bar(e)	psig	l/s	cfm	m <sup>3</sup> /min	m <sup>3</sup> /hr	50 Hz	60 Hz	kW	hp	W x D x H	kg
LFB 4A-150	3-4	43.5-58	150	2175	0.84	1.77	0.05	3.0	1500	1800	3	4	850x640x680	140
LFB 4B-150	3-4	43.5-58	150	2175	1.67	3.53	0.10	6.0	1000	1200	3	4	1000x800x1100	310
LFB 7A-150	3-4	43.5-58	150	2175	2.23	4.71	0.13	8.0	1000	1200	5.5	7.5	1000x800x1100	350
LFB 7B-150	3-4	43.5-58	150	2175	3.34	7.06	0.20	12.0	1000	1200	5.5	7.5	1000x800x1100	350
LFB 15A-150	3-4	43.5-58	150	2175	4.18	8.83	0.25	15.0	1000	1200	11	15	1700x1020x1420	940
LFB 15B-150	3-4	43.5-58	150	2175	5.57	11.77	0.33	20.0	1000	1200	11	15	1700x1020x1420	940
LFB 15C-150	3-4	43.5-58	150	2175	6.96	14.71	0.42	25.0	1000	1200	11	15	1700x1020x1420	940
LFB 15D-150	3-4	43.5-58	150	2175	11.13	23.53	0.67	40.0	1000	1200	11	15	1700x1020x1420	940
LFB 20-150	3-4	43.5-58	150	2175	13.92	29.42	0.83	50.0	1000	1200	15	20	1700x1020x1420	980

Flow is based on inlet pressure of 4 bar and outlet pressure of 150 bar.  
Performance is measured according ISO 1217 ed. 4 2009, annex C, latest edition.