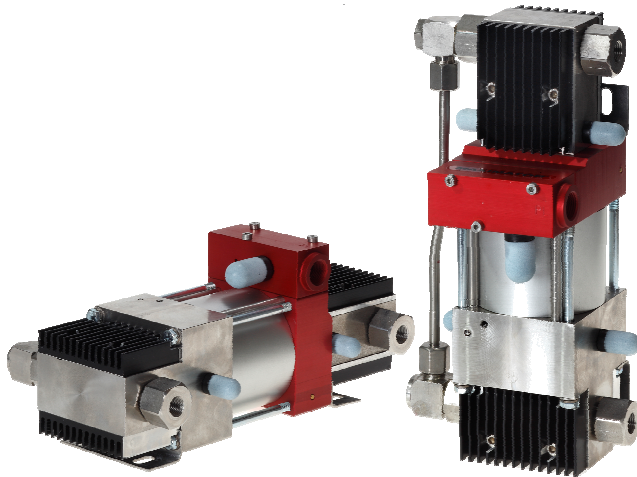


Technical Data Sheet	<b>ROB 8-37</b>	<u>R</u> ebreather <u>O</u> xygen <u>B</u> ooster
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**Technical Data:**

Air drive pressure:	1-10 bar / 14,5—145 psi
Max. Outlet Pressure	300 bar/ 4,350 psi
Pressure ratio:	1:8 / 1:37
Displacement volume/double stroke	21,6 cm <sup>3</sup> / 1.3 cu.inch
<b>Connections</b>	
Inlet:	Standard: Side inlet 1/4 BSP
Outlet:	1/4 BSP
Air drive	3/8 BSP
Maximum operating temperature	60 °C
Net weight	approx. 7 kg
Inlet Pressure (min./max.)	10-20 bar / 145-290 psi
Average Flow*	30 NL/min

**ROB 8-37**  
double acting, single air drive head and distance piece

\* The flow is depending on air drive and inlet pressure

<b>Wetted materials of construction:</b>	
Seal package:	Filled Teflon (PTFE) Fluorcarbon (V)
High Pressure Body:	1.4404
Piston:	1.4112
Fittings:	1.4571
<b>Approximate Dimensions:</b>	
Height:	200 mm
Depth:	116 mm
Width:	116 mm
Side inlet	Standard
<b>Available Accessories</b>	
Air control units type C1 with filter pressure regulator, control pressure gauge and shut off valve:	ROB 8-37 <b>with C1</b>
To protect the booster against excessive outlet pressures or to limit the outlet pressure, a safety valve can be fitted to the air control unit in the air drive line:	ROB 8-37 <b>with C1/SV air</b> (The required outlet pressure has to be indicated.)

**Please consult factory for more information.**

All technical and dimensional information subject to change. All General Terms and Conditions of sale, including limitations of our liability, apply to all products and services sold.

### Filling time for a 3 Liter Bottle

Outlet Pressure \ Inlet Pressure	25 bar	50 bar	75 bar	100 bar	125 bar	150 bar	175 bar	200 bar
10 bar	60 sec.	200 sec.	350 sec.	500 sec.	650 sec.	815 sec.	975 sec.	1135 sec.
20 bar	10 sec.	65 sec.	140 sec.	225 sec.	320 sec.	430 sec.	565 sec.	920 sec.

