

Dräger JUNIOR 100

The Dräger JUNIOR 100 is Dräger's most compact mobile recreational diving compressor.



The compact class: the Dräger JUNIOR 100 is a member of a generation of mobile breathing air compressors that offer reliability and durability coupled with highly compact dimensions and minimum weight. With an output of 100 l/min, the Dräger JUNIOR is ideally suited to recreational diving.

SIMPLE AND SAFE OPERATION

Weighing only around 45 kg, the unit can be transported by one person and fits in any car boot. Easily comprehensible pictograms make operation easy. What is more, completely safe handling is guaranteed because all moving parts – like the drive belt, discs and fan – are protected against access.

COMPRESSOR BLOCK: INNOVATIVE MATERIALS FOR MAXIMUM DURABILITY

The compressor block and drive motor are mounted on a base frame, while the fan is encased in unbreakable, UV-resistant special plastic for optimum cooling. The extremely robust block and a filling mechanism made of stainless steel and Kevlar ensure maximum corrosion-resistance. The Dräger JUNIOR 100 is fully equipped with a micronic suction filter, stainless steel intercoolers and after coolers, an intermediate filter and intermediate pressure safety valves. The compressor is driven by a v-belt. The optional units with electric motor are supplied with a motor protection cable and connection cable. An additional plug is provided for units with 230 V/50 Hz and 400 V/50 Hz. Complete filling mechanism.



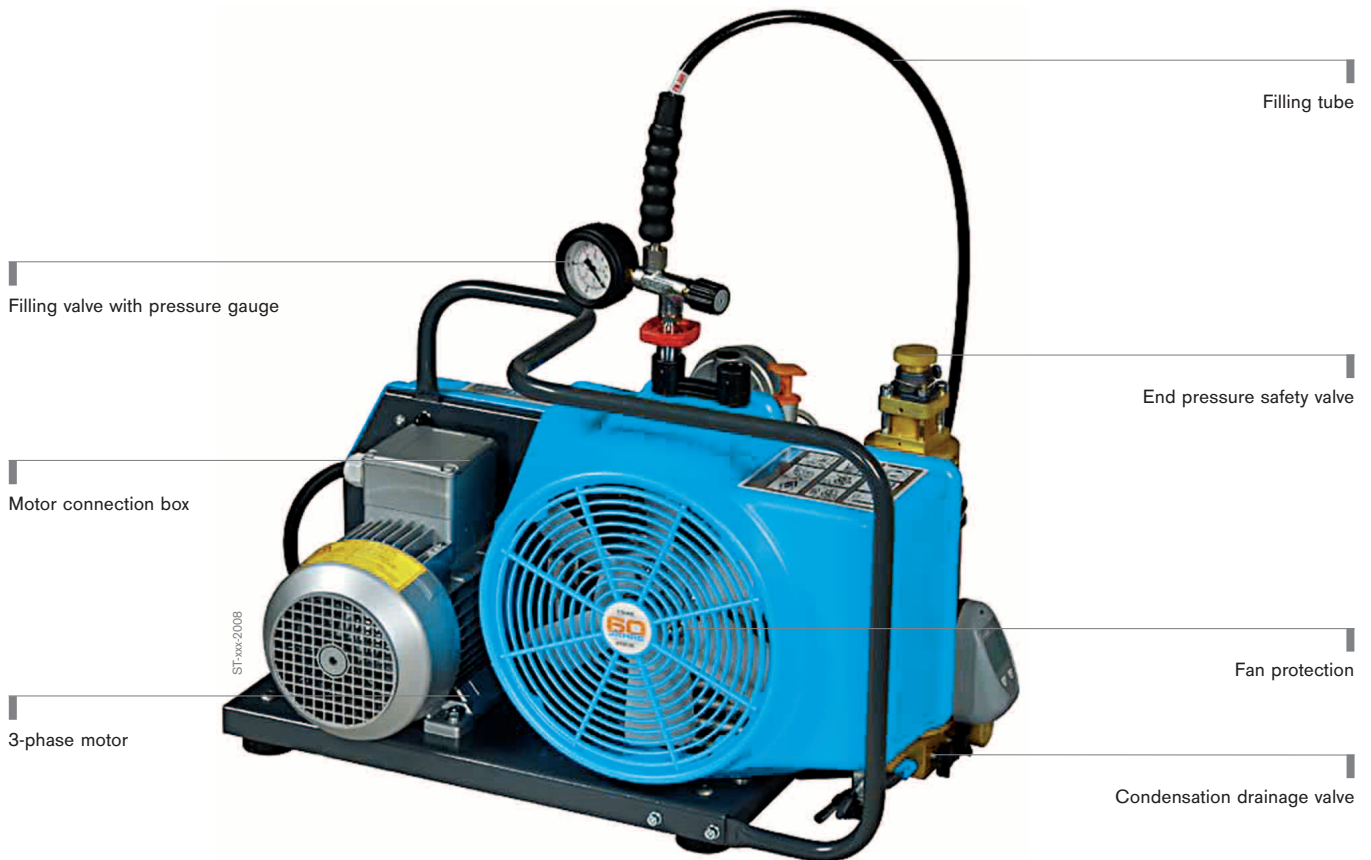
Dräger JUNIOR 100:
Mobile and robust: the portable recreational diving compressor fits in any car boot.

THE COMPRESSOR IS EQUIPPED WITH:

- 1 international filling connection (not approved in Germany)
- 1 filling valve with automatic venting and pressure gauge with 1 m filling tube
- R 5/8" threaded connection conforming to DIN 477

PATENTED FILTER SYSTEM FOR ULTRA-PURE BREATHING AIR

The Triplex® P21 filter system guarantees ultra-pure breathing air conforming to the stringent breathing air standard DIN EN 12021.



TECHNICAL DATA

Dräger JUNIOR 100

Type, operating pressure max. 330 bar ¹⁾	Drive motor	F.A.D. l/min	Rotation speed min. ⁻¹	Filter system TRIPLEX	Engine kW	Dimensions (L x W x H) cm (approx.)	Net weight kg (approx.)
Dräger JUNIOR 100-B	Petrol engine 4-stroke ²⁾	100	3600	P21	4.0	78 x 34 x 42	44
Dräger JUNIOR 100-E	3-phase	100	2850	P21	2,2	66 x 36 x 42	46
Dräger JUNIOR 100-W	Single phase	100	2300	P21	2,2	66 x 39 x 42	46

¹⁾ Available in 225 bar or 330 bar versions, and at additional cost units can also be switched from 225 to 330 bar

²⁾ Comes as standard with integrated suction telescope in standard version with SUBARU motor

³⁾ Triplex filter system

ORDER INFORMATION

Dräger JUNIOR 100

Dräger JUNIOR 100-E-PN 225 bar	65 31 083
Dräger JUNIOR 100-E-PN 330 bar	65 31 047
Dräger JUNIOR 100-E-PN 225/330 bar	65 31 085
Dräger JUNIOR 100-W-PN 225 bar	65 31 086
Dräger JUNIOR 100-W-PN 330 bar	65 31 048
Dräger JUNIOR 100-W-PN 225/330 bar	65 31 088
Dräger JUNIOR 100-B-PN 225 bar	65 31 089
Dräger JUNIOR 100-B-PN 330 bar	65 31 090
Dräger JUNIOR 100-B-PN 225/330 bar	65 31 091

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