

## JUNIOR II-E AIR COMPRESSOR



## JUNIOR II-E AIR COMPRESSOR 200, 300, 200/300 BAR 3 PHASE

The Bauer Junior II-E 200 Bar compressor is perfectly suited for you to use onboard vessels that need to fill breathing air cylinders regularly but not continuously. It is lightweight, easily portable and compact allowing you to easily transport it around the vessel. The robust coated frames give you durability and a longer life in the marine environment. Supplied with a 12 month air purification certificate from new.

### Features

- 200 / 300 bar filling
- Long life Triplex P21 Filter cartridges ensures cleaner air (EN12021)
- B-Timer records running hours and maintenance log
- Highly engineered, robust and lightweight

### Benefits

- Triplex filters ensure you a safe source of clean breathing air consistently
- The built in B-timer provides filter condition status, scheduled maintenance and running hours log to ensure the quality of your air remains at a high level
- The corrosion resistant steel frames make it ideal for use onboard vessels
- We have a 20 year spare parts supply and global technical service supporting your investment long term

### Characteristics

The use of stainless steel and Kevlar for frame and safety filling device ensures extreme resistance to corrosion and highly durability. The large capacity oil pump and oil pump allows operation in extreme inclinations of up to 30 degrees.

### Dual pressure

The compressor can be converted to a 200 / 300 Bar dual pressure.

### JUNIOR II-E 200 BAR 3 PHASE

#### Technical Data

Delivery Pressure	200 bar
Free Air Delivery	100 l/min
Volt / Frequency / Phase	440 v / 60 / 3
Safety Valve	225 bar
Power	2.2 kW
RPM	2300
Nos of Stages	3
Length x Width x Height	66 x 36 x 42 cm
Weight	46 kg

#### Filling assembly

PN 200 bar consisting of:

- 1 filling hose, length 1 m
- 1 filling valve PN 200 bar/3000 psig with automatic vent
- Tank connection 5/8 inch BSP, DIN EN 144-2, 1
- Pressure gauge (mounted on filling valve)

#### Further Technical Data

The Junior compressor is also available in a varied range of voltages / frequencies and single / three phase.

#### Junior II E

400 v / 50 hz / 3-ph
380 v / 60 hz / 3-ph
220-280 v / 60 hz / 3-ph
220-240 v / 50 hz / 3-ph



## Ordering Information

### Product Number Product Name

619387	Junior II-E Air Compressor 200 bar
619395	Junior II-E Air Compressor 300 bar
619403	Junior II-E Air Compressor 200/300 bar

# ACCESSORIES

## Ordering Information

### Product Number Product Name

736660	Breathing Air Compressor Quality Test Kit
528935	Compressor Filter Charge
652644	Service Kit Junior II/PE 500 H/1 Year
652651	Service Kit Junior II/PE1000 H/2 Years
736208	Service Kit Junior II/PE 2000 H/4 Years
758169	Bauer Compressor Lubrication Oil
758169	Bauer Compressor Synthetic Oil 1 L
709139	Change Over Device 200-300 Bar
709121	Change Over Device 300-300 Bar
758847	Filling Hose 50 m, DN6, PN450

## New Regulation IMO MSC 338/339(91)

New SOLAS regulation II-2/15.2.2.6, relating to 'Onboard training and drills' requires that: "An onboard means of recharging breathing apparatus cylinders used during drills shall be provided or a suitable number of spare cylinders shall be carried on board to replace those used."

This applies to all ships on or after 1<sup>st</sup> July, 2014

## Approvals

The compressor is approved to the highest standards of the Pressure Equipment Directive 97/23/EC. Quality of breathing air delivered confirms to DIN EN12021.

## JUNIOR II-E 300 BAR 3 PHASE

### Technical Data

Delivery Pressure	300 bar
Free Air Delivery	100 l/min
Volt / Frequency / Phase	440 v / 60 / 3
Safety Valve	330 bar
Power	2.2 kW
RPM	2300
Nos of Stages	3
Lenght x Width x Height	66 x 36 x 42 cm
Weight	46 kg

### Filling assembly

PN300 bar consisting of:

- 1 filling hose, length 1 m
- 1 filling valve PN 300 bar/4500 psig with automatic vent
- Tank connection 5/8 inch BSP, DIN EN 144-2,1
- Pressure gauge (mounted on filling valve)

## JUNIOR II-E 200/300 BAR 3 PHASE

### Technical Data

Delivery Pressure	200 / 300 bar
Free Air Delivery	100 l/min
Volt / Frequency / Phase	440 v / 60 / 3
Safety Valve	225 / 330 bar
Power	2.2 kW
RPM	2300
Nos of Stages	3
Lenght x Width x Height	66 x 36 x 42 cm
Weight	46 kg

### Filling assembly

PN 200 / 300 bar consisting of:

- 2 filling hoses, length 1 m
- 1 filling valves PN 200 bar - 3000 psig  
PN 300 bar - 4500 psig with automatic vent
- Tank connection 5/8 inch BSP, DIN EN 144-2,1
- Pressure gauge (mounted on filling valve)

