PACIFIC D

BREATHING AIR
according to DIN EN 12021

DELIVERY
l/min 230 - 270 - 300 - 320
m^3h 13,8 - 16,2 - 18 - 19,2

PRESSURE
BAR 225 / 330
PSI 3250 / 4800

NARDI COMPRESSORI
BREATHING AIR

High

Pressure
Quality
Performance
Money savings



TÜV SÜD ISO 9001

Quality system certified
to iso 9001

All technical data may be changed

MADE IN ITALY BY NARDI COMPRESSORI

www.nardicompressori.com

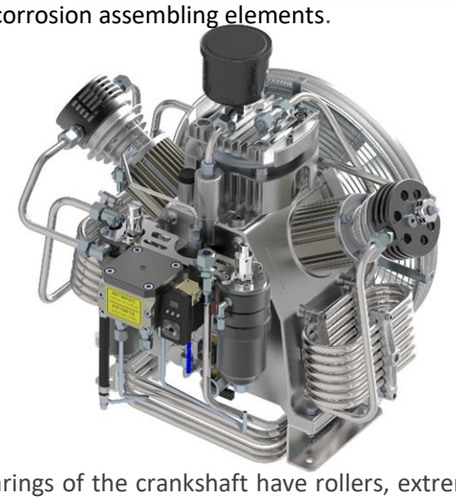
Proprietà di NARDI® COMPRESSORI

PACIFIC D

BREATHING AIR is a product line that includes several products made by NARDI COMPRESSORI which are designed to provide breathable air for the filling of cylinders for different applications (i.e.: scuba diving, safe & rescue, military, etc.). PACIFIC is a group of compressors of different capacities that have a very high efficiency and are mechanically very robust to ensure many hours of continuous operation.

QUALITY OF COMPRESSOR BLOCK

The compressor block or pump unit is the heart of the PACIFIC compressors and it is a critical component in which NARDI has put particular attention. It has features that make it unique in the world. Among these, the use of light alloys with high thermal efficiency, such as aluminum alloys that are also used for the construction of the cylinders. The pump unit does not undergo any paint coating to enhance the heat dissipation of its low corrosion assembling elements.



The bearings of the crankshaft have rollers, extremely robust and made in Europe which guarantee a long life of the compressor. An oil pump provides a constant lubrication of the inner workings of the block with oil cleaned of impurities by a filter and by a magnet which catches any metals present in the lubricating oil. The compressed air cooling is obtained by inter-stage stainless steel cooling coils.

EFFICIENCY OF THE FRAME

The frame is designed to reduce weight and dimensions, making the compressor light and portable with an aluminium frame that is coated with epoxy powder paint and with components in stainless steel. It is equipped with a counter-frame with double anti-vibration which cancels out the vibration on the ground. The paint coating and the components in stainless steel guarantee protection against corrosion also in marine environment.

CONTROL AND ELECTRONICS

For proper operation of the compressor, NARDI has designed a new electronic control panel. This new system, controls all the key points as temperature, oil level, current consumption, inlet pressure, outlet pressure and manages all the valves and solenoid valves. In addition to this, the electronic control panel handles the service schedule and monitors the status of the filtering system.

PURITY OF FILTERING SYSTEM

The compressor is equipped with various filters and separators: two separators assembled on the compressor block and one final filter PAC on the frame which is specific for breathing air. The compressor is equipped with one large filter that guarantee many work hours providing breathable air, in conformity with the standard UNI EN 12021:2014. PACIFIC compressors can integrate the innovative **Air Control System** that analyzes the air delivered in continuous flow interfacing with the Electronic Control Panel and visualizing in real time the levels of humidity, CO, CO^2 , O^2 and VOC on request. This system does not calculate or check the cartridge empirically but makes an analysis and when the results are not in conformity with breathing air standards it stops the compressor automatically. Therefore, this system monitors continuously the filter cartridge, checking the exact level of saturation and warning when replacement of the filter cartridge is needed.

ECONOMY

Everything in the compressor is designed to optimize both the operating costs as well labour costs. Service of the compressor in addition of being rather inexpensive is scheduled at long time intervals. When the compressor is in operation to optimize the cost NARDI has designed the automatic condensate drain of the compressor, which is equipped with a unique patented **SLOW FLOW SYSTEM**, that reduces the quantity of gas expelled by 80% saving on pressurization of the entire system.

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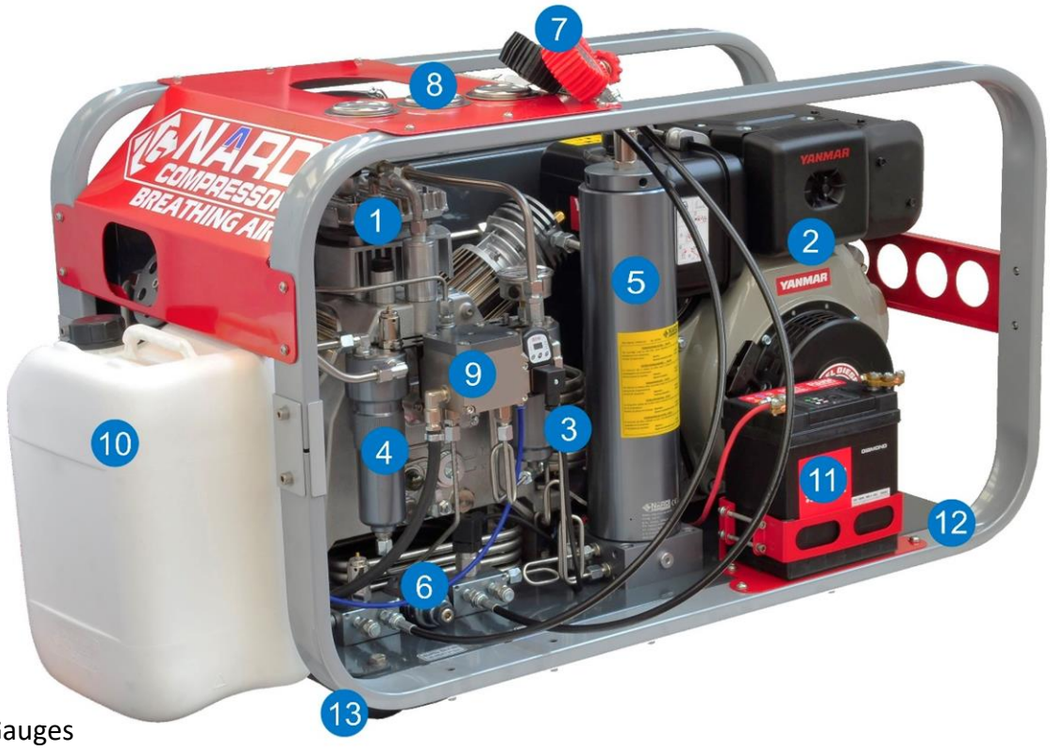
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Proprietà di NARDI® COMPRESSORI



water resistant frame
aluminum - stainless steel

1 Compressor Block
2 Diesel Engine
3 Cooling Coils
4 Filter Separator
5 Breathing Air Filter PAC
6 Filling Device with 4 Air Exits
7 Valves Outlet Pressure



8 Pressure Gauges
9 Condensate Drain
10 Condensate Collecting Tank
11 Battery for Starting the Engine
12 Frame in Aluminum and Stainless Steel
13 Anti-vibration system

OPTIONAL
Compressor model
Air Quality Control (AIR CONTROL SYSTEM)
Additional Filling Hoses (Standard 2 air filling hoses, max. 4)
Dual Pressure with Pressure Reducer 225 Bar (max. 2 hoses) + 330 bar (max. 2 hoses)
Filtering System PAC FILTER 2
Filtering System PAC FILTER 3
Two Handles for easy portability of the compressor
Trolley (two wheels + handle)
Condensate Collecting Tank “Eco Friendly”

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NARDI COMPRESSORI
BREATHING AIR

DIESEL Fuel



Compressor Model	Charging rate		Filtration	Filling Time	Stages	Revolution	Power		Noise	Weight		Dimensions
Modello Compressore	Aria resa		Filtro	Tempo di carica	Stadi	Giri	Motore		Rumore	Peso		Dimensioni
Type	l/min.	m^3/h	Mod.	10 Litri / 200 bar	N°	Rpm	HP	Kw	dB	Kg	Lbs	cm (LxWxH)
PACIFIC D 23	230	13,8	PAC1	8 min 46 sec	3	1350	10,0	7,4	85	165	364	109 x 58 x 65
PACIFIC D 27	270	16,2	PAC1	7 min 26 sec	3	1550	10,0	7,4	89	165	364	109 x 58 x 65
PACIFIC D 30	300	18	PAC1	6 min 44 sec	3	1450	10,0	7,4	87	172	379	109 x 58 x 65
PACIFIC D 35	320	19,2	PAC2	6 min 25 sec	4	1350	10,0	7,4	89	172	379	109 x 58 x 65

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SUBJECT TO TECHNICAL MODIFICATIONS

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