

NARDI ONE

Compact ALL-IN-ONE SCBA/SCUBA Filling Station



UP TO
40
cylinders/hr

NFPA
1900-2024
TESTED

All you need is **ONE**





Mission-Ready All-in-ONE Breathing Air System

NARDI ONE brings together the very best of NARDI breathing air technology in an all-in-one solution, engineered to deliver the highest standards of safety, control, and operational reliability.

A fully integrated breathing air solution combining **FILL CONTAINMENT STATION, COMPRESSOR, HIGH-PRESSURE STORAGE, CASCADE FILLING SYSTEM, AND SCBA/SCUBA FILLING PANEL** in a single compact station designed for mission critical environments.



PRESSURE: UP TO 420 bar - 6000 PSI

ADVANCED COOLING DESIGN
Efficient cooling system for extended-duty compressor operation.

CASCADE SYSTEM
Cascade storage system for faster and more efficient SCBA/SCUBA cylinder filling.

SMART ELECTRONIC CONTROL PANEL
Continuous monitoring for total filling station control.

DUAL SAFETY INTERLOCK
prevents cylinder filling when the fill station door is open or the door lock is unsecured.

NARDI SAFE FILL (NSF)
Integrated fill containment station safely fills 2 SCBA/SCUBA cylinders simultaneously.

COMPLIANCE WITH NFPA 1900:2024

PAC 3 FILTER
EN 12021 and CGA 7.1 compliant filtration system.

HIGH PERFORMANCE MOTOR SYSTEM
Heavy-duty compressor block engineered for long life.

- INTEGRATED HIGH-PRESSURE STORAGE
- CASCADE SYSTEM CYLINDER FILLING
- ELECTRONIC CONTROL SYSTEM
- EN 12021 AND CGA 7.1 (GRADE E) COMPLIANT PAC3 FILTRATION SYSTEM
- SLOW FLOW SYSTEM FOR AUTO DRAIN
Reduces gas expelled during condensate purge by 80%

NARDI ONE
Compact ALL-IN-ONE SCBA/SCUBA Filling Station

Built to protect

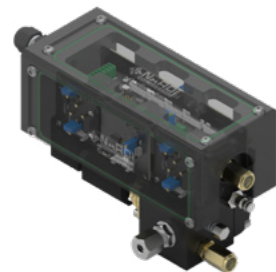
NARDI ONE IS DESIGNED TO PROTECT THE OPERATOR THROUGHOUT EVERY STAGE OF HIGH-PRESSURE FILLING.

More than a compact all-in-one machine, it is an integrated station engineered to combine safety, breathing air quality, and operational control. From filling process management to air purification and monitoring of the most critical parameters, every element is designed to reduce risk, increase reliability, and ensure continuous performance even in demanding conditions.



The double **NARDI PAC3 FILTER** system plays a key role in protecting the entire process by delivering breathing air that meets required standards.

NARDI filters are designed to remove water, oil residue, odor and other contaminants that may affect compressed air quality. The filtering architecture and flow management are engineered to provide high efficiency and extended service filter life.



When protection requires an even higher level of control, **NARDI ONE can be equipped with the optional NARDI GAS GUARDIAN.**

The NARDI GAS GUARDIAN provides live air quality monitoring, including: **Oxygen (O₂), Carbon Monoxide (CO), Carbon Dioxide (CO₂), Oil (VOC), and Humidity (H₂O)**, with configurable alert and alarm thresholds, real-time data display, and advanced control management.



With **NSF (Nardi Safe Fill) fully integrated into NARDI ONE, operator protection is built into the system by design.**

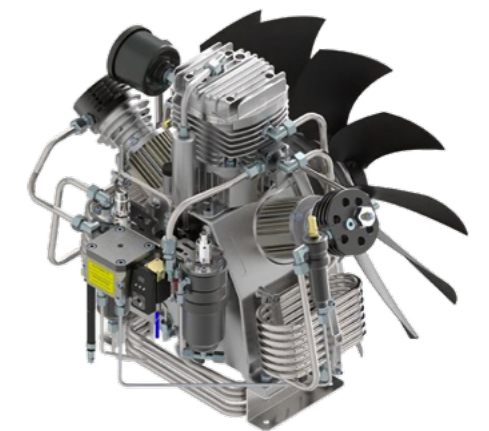
The fill station is engineered to contain debris from accidental cylinder failures during high-pressure filling operations. All NARDI stations feature **safety interlocks** that automatically stop the filling process as soon as the door is opened. The NSF range has been tested by an independent UL laboratory in accordance with NFPA 1900:2024, including tests up to 417 bar / 6050 psi.

COMPLIANCE WITH NFPA 1900:2024

Built to last

ENGINEERED FOR DURABILITY, RELIABILITY, AND LONG-TERM PERFORMANCE IN DEMANDING ENVIRONMENTS.

Built to last means more than durability. It means designing a system that keeps performing reliably over time, even under continuous use and demanding conditions. Every component of NARDI ONE is engineered to withstand stress, manage heat efficiently, and ensure consistent operation throughout its service life. Because long-term reliability is not the result of a single feature, but of a design philosophy focused on strength, stability, and dependable performance.



The **COMPRESSOR BLOCK** is the core of NARDI ONE and is engineered for long-term reliability.

It is built using light alloys with **high thermal efficiency**, while the unpainted pump unit improves heat dissipation and durability. Heavy-duty roller bearings ensure mechanical strength and long service life. A **dedicated oil pump provides** constant lubrication, supported by a filter and magnetic system that remove impurities and metallic particles from the lubricating oil.

THE NARDI ONE STRUCTURE designed to withstand demanding conditions

The sound-insulated cabinet is constructed with heavy-duty panels designed to operate reliably in harsh environments. The internal sound-absorbing lining reduces noise levels while maintaining structural rigidity. **Large wing-shaped fan blades** provide efficient ventilation and continuous cooling, ensuring stable operation even during extended duty cycles.



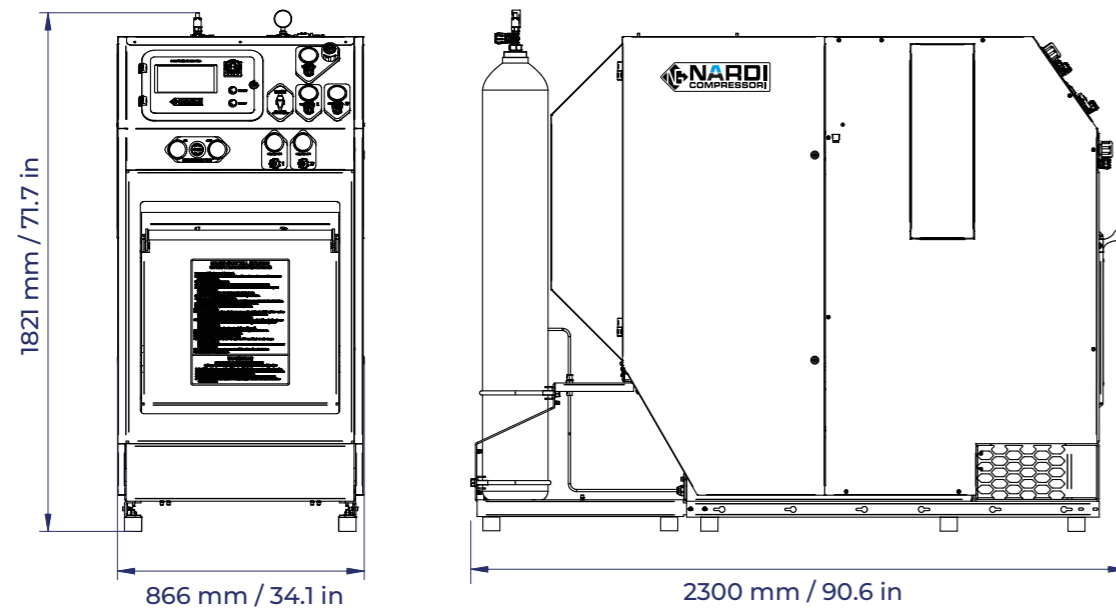
A LEGACY BUILT THE RIGHT WAY

Since 1965, **NARDI COMPRESSORI** has been designing and manufacturing compressed air in Italy for professionals who depend on performance, reliability, and trust. Every solution is built around non-negotiable principles: **safety, reliability, and long-term durability**. Because when a system is used in critical conditions, durability is never just about materials. It is about engineering discipline, manufacturing culture, and a long-standing commitment to doing things the right way.



Main Features

TECHNICAL AND DIMENSIONS DATA



Performance Specifications

MODEL	F.A.D. (L/min)	F.A.D. (m³/h)	F.A.D. (cfm)	Stages	Speed (rpm)	Power (HP)	Power (kW)	Purification System
NARDI ONE 50	500	30	17.7	3	1100	15	11	DOUBLE PAC3 FILTER
NARDI ONE 60	600	36	21.2	3	1300	15	11	
NARDI ONE 60/4	600	36	21.2	4	950	15	11	
NARDI ONE 68	680	42	24.0	4	1100	20	15	
NARDI ONE 85	850	51	30	4	1300	25	18.5	

Operational Specifications

MODEL	Maximum operating pressure		Cylinder diameter	Cylinder length	Weight	
	Pressure (bar)	Pressure (psi)			Weight (kg)	Weight (lb)
NARDI ONE 50	225-330-420	3300-4800-6000	23 cm / 9 in	75 cm / 29.5 in	1140 kg	2513 lb
NARDI ONE 60	225-330-420	3300-4800-6000			1180 kg	2601 lb
NARDI ONE 60/4	225-330-420	3300-4800-6000			1200 kg	2646 lb
NARDI ONE 68	225-330-420	3300-4800-6000			1200 kg	2646 lb
NARDI ONE 85	225-330-420	3300-4800-6000			1300 kg	2866 lb

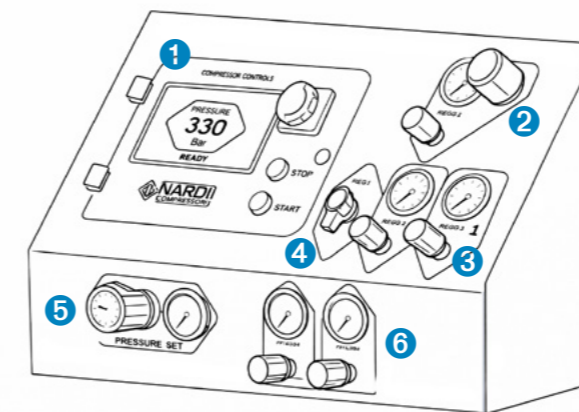
Operating Voltage available

MODEL	Voltage Available	Phase
NARDI ONE	400/50 Hz	3
	400/60 Hz	3
	440/50 Hz	3
	440/60 Hz	3
	480/50 Hz	3
	480/60 Hz	3

Connections Available

MODEL	Connections Available
NARDI ONE 50	DIN/YOKE/CGA
NARDI ONE 60	
NARDI ONE 60/4	
NARDI ONE 68	
NARDI ONE 85	

CONTROL PANEL



- 1 CONTROL PANEL
- 2 EXTERNAL FILLING VALVE and PRESSURE REDUCER
- 3 CASCADE SYSTEM VALVES
- 4 COMPRESSOR/CASCADE FILLING SWITCH
- 5 PRESSURE REDUCER
- 6 FILLING VALVES

OPTIONAL ACCESSORIES



NARDI GAS GUARDIAN



NARDI CHILLER



TOUCH DISPLAY



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Technical data subject to change without notice

MADE IN

ITALY
SINCE 1965

