



Cylinder Filling Station

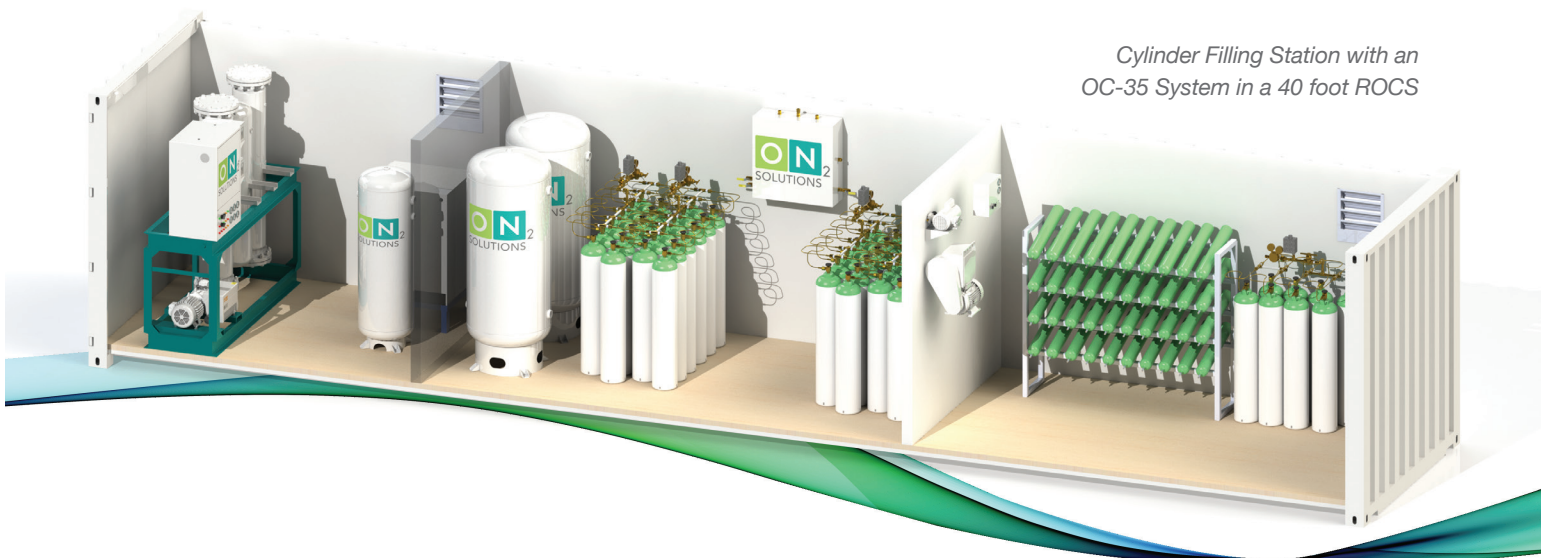
The ON₂ Cylinder Filling Stations are used in conjunction with the ON₂ Oxygen Concentrator Systems. A Filling Station allows users to fill their own medical grade oxygen on site to provide complete self-sufficiency and independence from gas supply companies. The facility can fill cylinders used in EMS, Ambulance, and Fire/Rescue vehicles. The advantage of ON₂'s VPSA technology and higher operating pressure allows the Cylinder Filling Station to use only one oxygen 3-stage compressor to reach 2200psi. ON₂ Cylinder Filling Stations do NOT require a secondary booster pump, therefore there are significant savings to the customer, reduced power consumption, and lower maintenance costs. Your Cylinder Filling Station may be designed as a stand alone system in either stationary or mobile structures. You can have emergency oxygen available for any unexpected increase in demand 24/7!



*Filling Station
in a Stationary or Mobile structure*

The ON₂ Advantages

- Continuous Duty Compressor cycles as per the facility's demand
- Custom Programmed PLC Controller:
 - Automatically cycles compressor when surplus oxygen is available
 - Locks out vacuum cycle during filling process
 - User controlled indicators set fill pressure based on cylinder material type
 - Indicator illuminates when cylinders are full



*Cylinder Filling Station with an
OC-35 System in a 40 foot ROCS*

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Types of cylinders typically filled



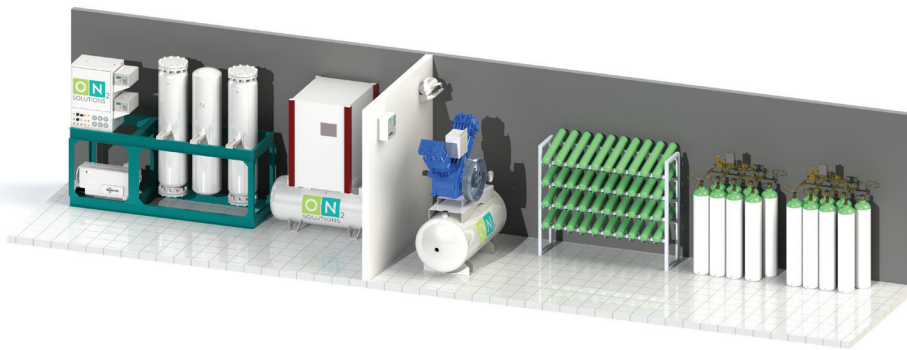
Oxygen Compressor Specifications

Up to 12 "K" Cylinders
Based on 24 hr runtime

- 1.5HP 110V – 220V
- 23"L X 21"W X 29"H
- Inlet Min 70psi
- Outlet Max 2200psi
- Flow 28-57 LPM

Up to 60 "K" Cylinders
Based on 24 hr runtime

- 10HP 208V – 575V
- 48"L X 22"W X 45"H
- Inlet Min 70psi
- Outlet Max 2200psi
- Flow 187-283 LPM



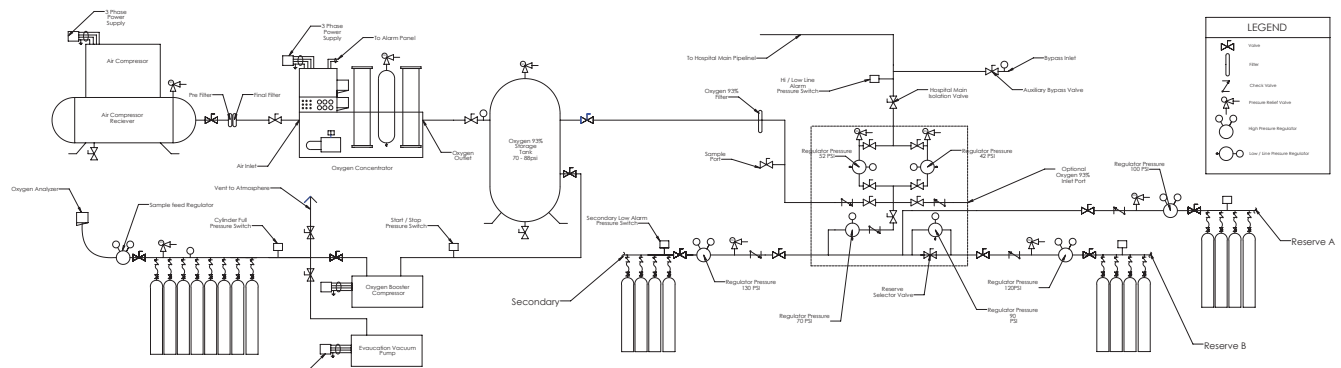
Cylinder Filling Station including Custom PLC with an OC-55

Standard Package

- 8-port Manifold
- 8 CGA 540 to 870 Yoke Adaptors
- Dry Vacuum Pump
- 2600psi safety relief valve
- Vent and Sample valve
- Inlet/Outlet Pressure Gauges
- Handheld Oxygen Analyzer

Package Options:

- 10-40 Yolk Cylinder Filling Rack
- Cylinder Containment Frame



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