



CYLINDER FILLING PLANTS

"Powerful CFP systems that ensure you always have the oxygen you need."

NOVAIR's CFPs are the industry's top-of-the-line customizable in-house systems that minimize your O₂ spend by generating and storing large amounts of oxygen per day for only the price of electricity; elevating your business efficiency while deflating your costs.



KEY FEATURES

- Complete CFP systems capable of filling 8 to 180 H / K-sized cylinders per day, available in a range of standard sizes
- Customizable to fit your specific business needs and facility footprint
- Touchscreen interface panel with multi-alarm and constant monitoring (optional)

WHY NOVAIR CFPS

Substantial Oxygen Filling Power

NOVAIR's CFPs range, from the sturdy CFP-100 plant all the way up to the CFP-1800, or even more with special orders such as the CFP-5500 plant with its output of over 5,500 SCFH, or 5 Metric Tonnes Per Day (TPD) of 93% +/-3% oxygen concentration. These powerful plants are designed to produce large amounts of oxygen right in-house, forever ending the need for delivery, allowing you to fill high pressure cylinders (up to 2200 psi) so that you never need worry about oxygen availability.

Fully Customizable

NOVAIR's CFPs can often be arranged to fit a certain size or footprint, are expandable with more cylinders available to add, along with other alterations you may need, maximizing your oxygen-using business while minimizing spend.

Trusted and Installed Worldwide

NOVAIR CFPs have been installed around the planet in thousands of healthcare facilities and industrial complexes, some in the most extreme remote places, with satisfied customers throughout the globe.

Standard CFP System Configuration

Time-tested PSA technology

Powered by NOVAIR's durable oxygen generating system with reliable PSA tech constantly filling cylinders with 93% +/-3% oxygen concentration

10 valve oxygen manifold

Expandable system with built in secure rack for 10 or more H / K-sized oxygen cylinders

Fully customizable

Get the filling power you need with various components and customized skid built to maximize your facility's space needs



Constant oxygen monitoring

Clear constant oxygen concentration monitoring readout dials with multi-alarm systems and optional HMI digital touch-screen interface

Zeolite sieve filtration inside

Air separating zeolite sieve factory sealed in durable solid steel tanks, lasting for years, rarely needing any replacement or maintenance

CYLINDER FILLING PLANTS

"CFPs"

PRODUCT LINE

NOVAIR

NOVAIR ENGINEERING

Through over 40 years of experience in truly partnering with our customers across thousands of installations worldwide, NOVAIR engineering has gained the confidence to redefine the industry through our industry-leading designs for in-house O₂, N₂, and medical gas generation.

GENERATOR SPECIFICATIONS

NOVAIR's Cylinder Filling Plant size is based on your oxygen need and the number of 240 ft³ (6 m³) high-pressure H / K-sized oxygen cylinders that you require the plant to fill in a 24 hour period. Listed below is a quick reference on model and size of plants we offer.

MODEL	CYLINDERS PER DAY	DIMENSIONS	
		WxDxH (in)	Lbs
CFP-100	8 H/K	104.82x75	4,000
CFP-175	10 H/K	104.82x86	4,250
CFP-250	20 H/K	104.82x90	4,800
CFP-375	37 H/K	144.82x93	5,000
CFP-500	50 H/K	144.82x93	7,000
CFP-650	60 H/K	144.82x91	8,500
CFP-1000	100 H/K	248.82x124	13,000
CFP-1250	120 H/K	248.82x135	15,500
CFP-1800	180 H/K	288.82x140	20,000

CFP-650



CFP's include all support equipment required for complete turnkey systems, such as air compressors, air dryers and oxygen compressors. All models are factory tested, and most are skid mounted. Commissioning and training at your installation site is available from a NOVAIR technician. Electrical power and an enclosure for the plant are all that's required to get started.

TYPICAL SYSTEM CONFIGURATION

