

**Cylinder Filling Station  
SPECIFICATIONS**

OXYGEN COMPRESSOR	
<b>RIX 1.5</b>	
motor	1.5 HP
dimensions	W 21" X H 29" X L 23"
weight	172 lbs
voltage	110 – 240V single phase
flow capacity	28 – 57 LPM
fill capacity	12 cylinders (240 cu ft) per 24hrs
<b>RIX 10</b>	
motor	10 HP
dimensions	W 22" X H 45" X L 48"
weight	720 lbs
voltage	208 – 575V three phase
flow capacity	187 – 283 LPM
fill capacity	60 cylinders (240 cu ft) per 24hrs

<b>NEW - RIX MICRO</b>	
motor	.5 HP
dimensions	W 9" X H 13" X L 17"
weight	62 lbs
voltage	115 – 230V single phase
flow capacity	1.7 – 7.5 LPM
fill capacity	1.6 cylinders (240 cu ft) per 24hrs

CYLINDER MANIFOLDS	
brand	ON <sub>2</sub> Onsite Gas System
rating	2600 psi
quantity	8 CGA 540 connections for 240 cu ft cylinders or 4 yolk adaptor CGA 870 X CGA 540 (to fill yolk cylinders)
gauges	WIKA
vent and fill valves	Western Enterprises
sample feed regulator	Victor

VACUUM PUMP/EVACUATION CENTER	
brand	BUSCH
type	Dry rotary vain
capacity	29 inhg
motor	1.5 HP
electrical	110 – 220V single phase or 208 – 575V three phase

OXYGEN ANALYZER for CYLINDER FILLING	
One Paramagnetic, Galvanic, or Ultrasonic analyzer is used for lot batching to verify oxygen concentration of each batch	

CONTROLS and SAFETY	
on/off	Selector on front panel
start/stop	Pressure switch on inlet (storage tank)
stop/full	Pressure switch on outlet (cylinder manifold)
relief LP	150 psi on inlet line
relief HP	2600 psi on outlet (cylinder manifold)
plc custom controller	<ul style="list-style-type: none"> <li>o Locks out vacuum cycle during filling process</li> <li>o Cycles compressor when surplus O<sub>2</sub> is available</li> <li>o User controllable fill pressure</li> </ul>

**Please Note: In accordance with ON<sub>2</sub> Solutions’ policy on Continued Development; Specifications may change without notice**