

**EMERGENCY R.O.C.S.  
SPECIFICATIONS**

<b>20 FOOT ROCS</b>	
brand	ADM Storage
weight	4916 lbs (bare container)
inside dimensions	W 7'4" X H 7'6" X L 19'1"
exterior material	Galvanized, marine grade painted
interior material	1.5" high density foam with 3/8" plywood
interior climate control	<ul style="list-style-type: none"> <li>o 2-5 kW heaters</li> <li>o 12-24" ventilation fans – depending on climate</li> <li>o 12,000–18,000 BTU AC – depending on climate</li> </ul>
lighting	LED lighting
partitions	1-2 air tight partitions available
exterior access	2-3 walk-in doors
power source	Built-in generator
oxygen outlet	SWAGELOK quikconnect
smoke alarm	Wired to external annunciator

<b>40 FOOT ROCS</b>	
brand	ADM Storage
weight	8160 lbs (bare container)
inside dimensions	W 7'4" X H 7'6" X L 39'1"
exterior material	Galvanized, marine grade painted
interior material	1.5" high density foam with 3/8" plywood
interior climate control	<ul style="list-style-type: none"> <li>o 2-5 kW heaters</li> <li>o 12-24" ventilation fans – depending on climate</li> <li>o 12,000–18,000 BTU AC – depending on climate</li> </ul>
lighting	LED lighting
partitions	1-3 air tight partitions available
exterior access	2-3 walk-in doors
power source	Built-in generator
oxygen outlet	SWAGELOK quikconnect
smoke alarm	Wired to external annunciator

OXYGEN CONCENTRATOR	
manufacturer	ON <sub>2</sub> SOLUTIONS
models	OC-6 to OC-130
output purity	95% oxygen (+/- 1%) @ rated capacity
operating flow	20-515 LPM @ 85psi
oxygen analyzer	SERVOMEX (2/OC)
storage tanks	120 – 600 ASME rated c/w CRN
air compressor	GARDNER DENVER (7.5 – 50hp)
regulatory standards	<ul style="list-style-type: none"> <li>o CAN/CSA-Z10083-08</li> <li>o ISO 10083:2006-07-15</li> </ul>

ANNUNCIATOR	
manufacturer	ON <sub>2</sub> SOLUTIONS
alarms	<ul style="list-style-type: none"> <li>o low temperature</li> <li>o high temperature</li> <li>o low oxygen %</li> <li>o low vacuum</li> <li>o low tower pressure</li> <li>o smoke/fire</li> <li>o generator fail</li> <li>o generator low fuel</li> <li>o generator fire</li> </ul>
controls	<ul style="list-style-type: none"> <li>o unit start/shut down</li> <li>o emergency stop (entire system)</li> </ul>
indicators	<ul style="list-style-type: none"> <li>o Generator start</li> <li>o Generator ready</li> <li>o OC pre-start</li> <li>o OC running</li> <li>o OC ready</li> <li>o OC standby</li> <li>o OC ready for shut down</li> <li>o OC ready to disconnect</li> <li>o Generator Stop</li> </ul>

CUSTOM PLC	
manufacturer	ON <sub>2</sub> SOLUTIONS
generator start	Generator pre-check/start up
generator ready	Generator ready to supply power to OC
pre-start	<ul style="list-style-type: none"> <li>o Temperature check</li> <li>o Increase/decrease ROCS temperature (if required)</li> <li>o Turns on heaters for compressor/vac pump (if required)</li> <li>o Annunciates OC pre-start</li> </ul>
OC running	<ul style="list-style-type: none"> <li>o Starts compressor</li> <li>o Starts oxygen purge</li> <li>o Starts oxygen tower</li> <li>o Annunciates OC running</li> </ul>
OC ready	<ul style="list-style-type: none"> <li>o Starts oxygen storage tank fill</li> <li>o Annunciates OC ready</li> </ul>
OC standby	<ul style="list-style-type: none"> <li>o Stops OC when oxygen storage tank full</li> <li>o Annunciates OC standby</li> </ul>
OC ready for shut down	<ul style="list-style-type: none"> <li>o Shutdown prompt</li> <li>o Annunciates OC ready for shut down</li> </ul>
OC ready to disconnect	<ul style="list-style-type: none"> <li>o OC shuts down</li> <li>o Air compressor shuts down</li> <li>o Air receiver drain valve opens</li> <li>o Oxygen storage tank drain valve opens</li> <li>o OC drain valve opens</li> <li>o Verifies pressure drain complete</li> <li>o Closes all drain valves</li> <li>o Annunciates OC ready to disconnect</li> </ul>
generator stop	Generator shutdown/standby mode

POWER SUPPLY	
manufacturer	KOHLER Diesel Generator
models	5 kW – 65 kW
runtime	60hrs at full load
fuel tank	20-250 gal
dimensions	W 22" X H 40" X L 58" (max size)

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