

Generate gases on site
Generate savings



ON₂ SOLUTIONS - PROVIDING QUALITY RANA EQUIPMENT AND SERVICES

ON₂ Solutions purchased RANA Manufacturing in 2016 and are committed to providing the same quality equipment and service that RANA has achieved for over 25 years with systems installed worldwide. ON₂'s forbearers pioneered the Canadian Standards Association (CSA) standards for Medical Oxygen Concentrator Systems (CSA-Z10083). ON₂ is committed to strictly adhering to the same rigid design and operational standards during the development and manufacturing of ON₂ products. ON₂ is the only Manufacturer of custom designed Oxygen Concentrators in Canada.

EXPERTISE AND INDUSTRY REPUTATION

Our technician and engineers' expertise is highly recognized and often consulted in the Medical Gas Industry. ON₂ Solutions technicians have over 40 years of experience in the design and development of Oxygen Concentrators that are still currently in operation. RANA earned its reputation as an on site medical gas application specialist in the hospital industry. It is ON₂'s mission to continue to excel in this industry and explore new applications and SOLUTIONS!

CUSTOM DESIGNS AND COST EFFECTIVE SOLUTIONS

Our technicians and engineers design a customized Oxygen Concentrator System to meet your facility's needs. Properly sized and designed, on-site production provides an immediate reduction in cost and virtually eliminates exposure to rising inflation due to either usage, transportation, or supplier price hikes. As operating budgets become increasingly constrained, ON₂'s Oxygen Concentrator Systems provide a bottom line SOLUTION to sharply reduce costs associated with bulk and bottle supply systems. Our extensive quality control guidelines and cost-effective Preventative Maintenance Programs (PMP) add to the value and proven technology that make ON₂ Oxygen Concentrators highly regarded with unmatched reliability.

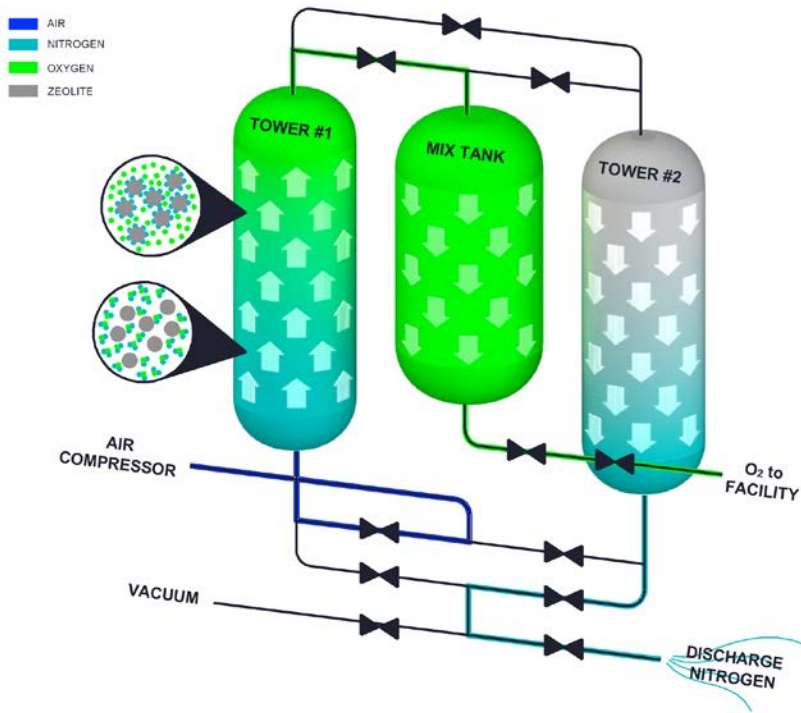
THE ON₂ ADVANTAGE

- ✓ ON₂ pioneered Oxygen Concentrator Systems in Canada
- ✓ ON₂ uses a specialized form of VPSA, providing reliability and longevity
- ✓ ON₂ designs SOLUTIONS to sharply reduce oxygen costs
- ✓ ON₂ provides a secure and uninterrupted gas supply independent of bulk gas
- ✓ ON₂'s expert technicians annually service your system through our PMP commitment
- ✓ ON₂ commits to a 24/7 support service
- ✓ ON₂ is the only Manufacturer of Oxygen Concentrators in Canada
- ✓ ON₂'s PLC automation controllers deliver high performance and reliable SOLUTIONS

customized Solutions
reliable Solutions



Vacuum Pressure Swing Adsorption (VPSA)



ADVANTAGES of an ON₂ VPSA Technology

- ✓ Improved on the original PSA design using molecular sieves and pressurized air
- ✓ Faster start-up and cycle times which reduces overall power consumption
- ✓ Low operating cost- Less than \$1 / "K" cylinder
- ✓ Higher output pressure – 85 psi
- ✓ Long life and low maintenance
- ✓ 3 minute recovery time for each cycle of oxygen concentration
- ✓ Small footprint allows for duplexing and triplexing
- ✓ Units can be completely containerized to allow for installation in existing facilities without additional space needed

OXYGEN CONCENTRATORS

Model	1-V	6	11	15	20	35	43	55	73	90	130
LPM	7.5	20	40	60	80	125	175	210	280	350	515
M3/day	11	29	60	86	115	180	252	302	403	504	742