



O3 TECH

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EQUIPMENT ENVIRONMENT

A WELL-PLANNED PROTECTIVE ENVIRONMENT IS IMPORTANT

TEMPERATURE

- 1 O₃ GENERATOR (40°F - 104°F)
 - MAXIMUM AMBIENT TEMPERATURE 104°F - 110°F
 - AUTO SHUTOFF WHEN OZONE CELL REACHES 130°F
 - CELL TEMP AT FULL POWER IS 20-25°F OVER AMBIENT
 - LOWER CELL POWER CAN HELP AT HIGHER AMBIENT TEMPS
 - HIGHER TEMPS REDUCE CELL OUTPUT
- 2 O₂ CONCENTRATOR (40°F - 112°F)
 - COMPRESSOR MOTOR INTERNAL THERMAL SAFETY SWITCH CAN TRIP AT 100°F
 - HIGHER TEMPS ACCERERATE REBUILD TIME OF 15,000 HOURS
 - OXYGEN PURITY DECREASES AT HIGHER TEMPS

RAIN

- 1 O₃ GENERATOR
- 2 O₂ CONCENTRATOR
 - BOTH UNITS REQUIRE PROTECTION FROM WATER
 - EXPOSED COMPONENTS MUST STAY DRY
 - VENTILATION INLETS MUST STAY DRY

HUMIDITY

- 1 O₃ GENERATOR
 - CONTROL BOARD CAN SHORT/CORRODE IF EXPOSED TO HUMIDITY
 - MOISTURE AND DUST BUILDUP ON CELL INCREASES ARCING POTENTIAL
- 2 O₂ CONCENTRATOR
 - CONTROL BOARD CAN SHORT/CORRODE IF EXPOSED TO HUMIDITY

VENTILATION

- 2 O₂ CONCENTRATOR
 - O₂ CONCENTRATOR REQUIRES ADAQUATE AIR FLOW (MINIMUM 4 CFM)
- 1 O₃ GENERATOR
- 2 O₂ CONCENTRATOR

DUST

- DUST FREE ENVIRONMENT