

It's All About Air Preparation

Air In



Air Out

1950's

nitrogen gas

oxygen gas

water vapor

nitric acid

ozone gas

water

\$\$\$\$/lb

Air Preparation
No Air Flow Control
No Acid Control
No Humidity Control

Continuous Maintenance
No Remote Control
 High Energy Use
No PLC Control Technology
 1 Year Operational Life

1970's

nitrogen gas

oxygen gas

water vapor

nitric acid

ozone gas

water

\$\$\$ /lb

Air Preparation
No Air Flow Control
 Some Acid Control
 Some Humidity Control

High Maintenance
No Remote Control
 High Energy Use
No PLC Control Technology
 2-3 Year Operational Life

1990's

nitrogen gas

oxygen gas

water vapor

nitric acid

ozone gas

water

\$\$/lb

Air Preparation
No Air Flow Control
 More Acid Control
 More Humidity Control

Low Maintenance
 Minimal Remote Control
 High Energy Use
No PLC Control Technology
 5 Year Operational Life

PUR^OTECS 2010's

oxygen gas

ozone gas

\$/lb

Air Preparation
 Flow Control
No Acid
No Humidity

Minimal Maintenance
 Remote Control
 Low Energy Use
 PLC Control Technology
 10 Year Operational Life