

### RTO SUPPLIER EVALUATION SUMMARY

ADWEST      OTHERS

- Proven Dual Chamber RTO 99%+ VOC Control without Puff Capture on hundreds of installations ✓ Yes No
- No Hassle, Cost Competitive, Affordable Pricing ✓ Yes ?
- Market Proven, Low Pressure Drop RTO Design with 95% or 97% heat recovery at full flowrate ✓ Yes No
- Rapid One Hour Cold (15 min. warm) RTO Start-ups ✓ Yes No
- Compact, Skid Mounted, Low Profile, Shop Insulated & Assembled Modular RTO Design ✓ Yes ?

**NOx**

- **FLAMELESS** NGI-Natural Gas Injection NOx Free RTO Operation saves 40-55% on your Natural Gas Bill vs. Burner and Combustion Air Blower use ✓ Yes No

**NOx**

- All NGI and Burner Piping Trains Designed for FM/NFPA/CGA Approval ✓ Yes No

- up to 30% LEL High Solvent RTO Operation ✓ Yes No
- Zero Leakage, Soft Seat Poppet Valve Flow Control without Extra Purge Air Fans ✓ Yes No

- 24/7 Dedicated RTO Service & Spare Parts with Free Lifetime Telemetry Diagnostics ✓ Yes No

- Focused, In-House RTO Specific Engineering, Fabrication/Assembly/Service/Testing ✓ Yes No

- Five Year Poppet Valve Flow Control Extended Warranty? ✓ Yes No

- uL/CuL RTO Panel Shop Certifications ✓ Yes ?

- Extensive Halogenated RTO Installations ✓ Yes No
- Available Secondary RTO Energy Recovery ✓ Yes ?

THE CLEAR **GREEN** CHOICE IS ADWEST'S RETOX RTO!



Adwest's high level of RETOX RTO shop assembly and modular design provide rapid indoor or outside installation.



**ADWEST'S NGI & FLAMELESS NOx-FREE OPERATION  
WITH UP TO 97% HEAT RECOVERY & UP TO 99% VOC DRE**

# OVER 800 ADWEST RTOS INSTALLED SINCE 1988

## 99% RETOX RTO VOC DRE & **FLAMELESS** NO<sub>x</sub>-FREE OPERATION

[www.adwestusa.com](http://www.adwestusa.com)



80,000 SCFM Adwest RTO for Multisource Flexographic Packaging and Printing



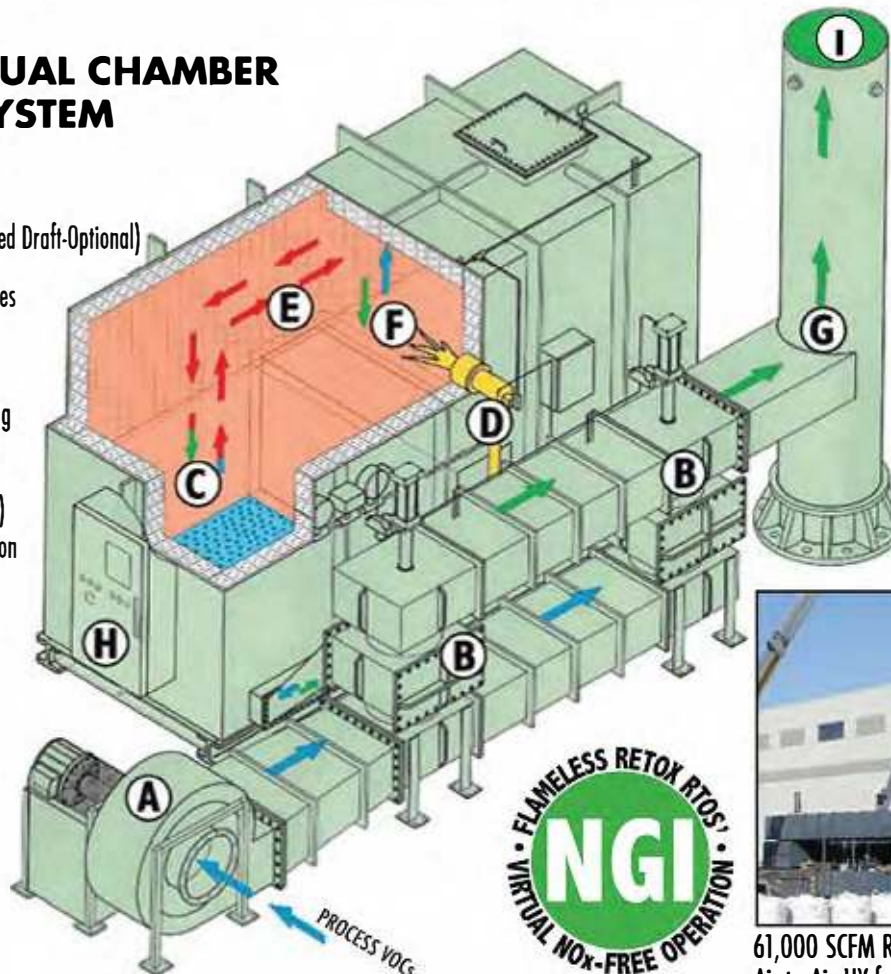
Stainless 4,000 SCFM RETOX RTO Module For Oil & Gas Amine/Dehydrating VOCs



115,000 SCFM Turnkey RETOX RTO for Wood Cabinet Finishing Paint Shop, 23 Paint Booths

### MAJOR RETOX DUAL CHAMBER RTO OXIDIZER SYSTEM COMPONENTS

- A** VOCs enter Forced Draft Fan (Induced Draft-Optional)
- B** Pneumatic Poppet Flow Control Valves
- C** Ceramic Heat Exchange Bed #1
- D** FM/CGA/CSA/NFPA Designed Piping (Burner used for Cold Startup Only)
- E** RTO Combustion Chamber (1500° F) with Shop Installed Internal Insulation
- F** Ceramic Heat Exchange Bed #2
- G** Exhaust Stack with EPA Test Ports
- H** PLC Controls with Remote Telemetry Diagnostics
- I** Purified Exhaust (H<sub>2</sub>O Vapor) to Atmosphere



20,000 SCFM RETOX RTO Paint Spray/Roll Coating and Finishing



61,000 SCFM RETOX RTO with Secondary Air-to-Air HX for Styrene/EPS Packaging



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