



BOXIDIZER™

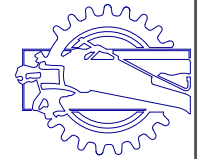
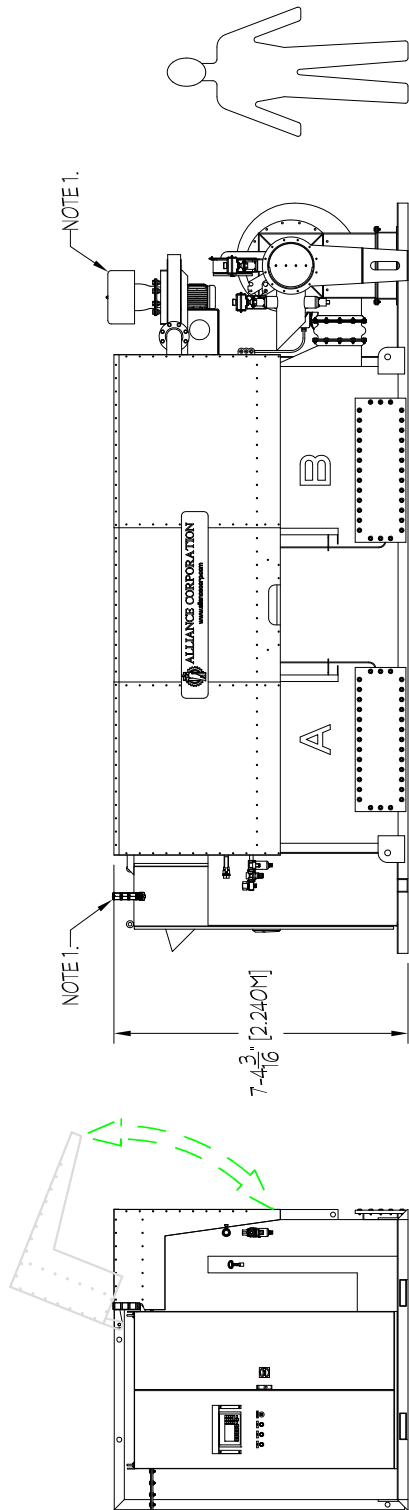
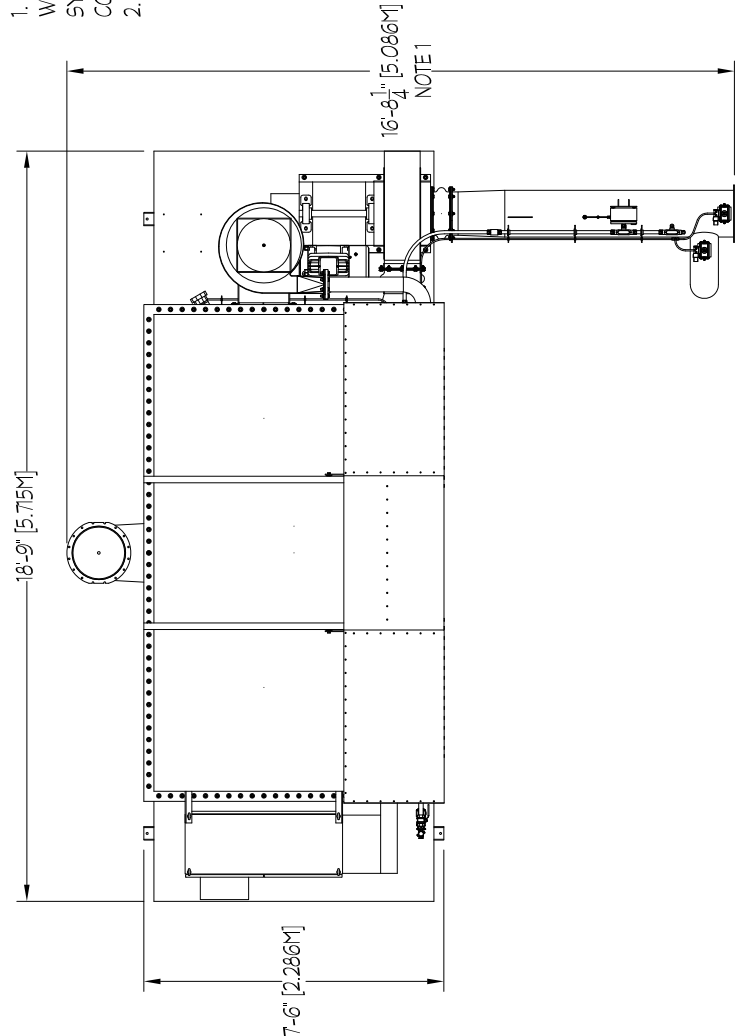
Introducing the BOXIDIZER™ by Alliance Corporation, a new economical RTO system that achieves a new level of transport simplicity for domestic and export markets. The BOXIDIZER™ RTO builds the proven elements of our successful KRONUS™ RTO family, designed to completely fit within a 20' standard ISO shipping container.

Standard features:

- ✓ Completely pre-assembled
- ✓ Completely pre-piped
- ✓ Completely pre-wired
- ✓ Easy installation
- ✓ ¼" Carbon steel housing
- ✓ 8" Compressed ceramic fiber insulation
- ✓ Structured heat exchange media
- ✓ Sand blasted, 2 part epoxy primed and urethane finish coated
- ✓ Air cooled site glass
- ✓ Machined billet steel poppet valve seats
- ✓ Solid stainless steel poppet shafts with purged housings
- ✓ Maintenance free shaft guide bearings
- ✓ Pneumatic poppet actuators with internal cushions and dual alignment couplers
- ✓ Machined billet steel poppet disk hubs & caps
- ✓ Instrument air header/reservoir with regulator
- ✓ Process fan installed complete with vibration isolators
- ✓ Variable frequency drives
- ✓ Circuit breakers
- ✓ Full instrumentation includes; process vacuum, process flow, RTO differential pressure, fuel gas flow and combustion air flow sensors in addition to pressure switches and thermocouples for precise control
- ✓ Automatic analog sensor calibration
- ✓ Digital air/gas ratio and throttle control
- ✓ Telemetry
- ✓ Text messaging modem
- ✓ Graphic operator interface
- ✓ Stacked beacon lights
- ✓ 7-Day programmable automatic start/stop timer
- ✓ Automated component weather cover
- ✓ Lifetime software warranty
- ✓ Full factory testing includes burner firing

NOTES:

1. APPENDAGES ARE REMOVED AND MOUNTED WITHIN OXIDIZER PROFILE FOR SHIPPING. ENTIRE SYSTEM FITS WITHIN A 20' STANDARD ISO SHIPPING CONTAINER.
2. APPROXIMATE WEIGHT 22,400 LBS [10,160 KG].



ALLIANCE CORPORATION

BOXIDIZER 203 REGENERATIVE THERMAL OXIDIZER
BASIC DIMENSIONS

Date: 17-MAR-2009	Drawing No.: 203 BOXIDIZER
Scale: N/A	Revision No.: 2