



300 CFM MAKOTHERM (HV)

THERMAL-CATALYTIC OXIDIZER / HIGH VACUUM SYSTEM

1270 N Red Gum St., Anaheim, CA 92806 - 714-630-4491 - www.makoindustries.us

The 300 Cfm Makotherm (Hv) is a thermal-catalytic oxidizer / high vacuum system configured with the standard features and source-verified performance specifications presented below.

STANDARD FEATURES

- Compact footprint skid mounting
- Entrained Liquid Separator
- Dilution / Process Valves
- Stainless-steel Transfer Pump
- Oil Sealed Liquid Ring Blower
- Oil Cooler Assembly
- 20 HP TEFC Motor
- Sound Enclosure
- Oxidizer Chamber
- Excess Air Packaged Burner
- Supplemental Fuel Train
- Flame Arrestor
- Digital Temperature Controller
- Digital Dilution Controller
- Pitot Tube / Pressure Transmitter
- Digital Chart Recorder



AVAILABLE OPTIONS

Trailer Mounted System • Stainless Steel Heat Exchanger • Single Phase System • Platinum Coated Catalyst Cell • Remote Telemetry • Totally Enclosed System • UL Listed Electrical Enclosure E306379

STANDARD PERFORMANCE SPECIFICATIONS

SKID DIMENSIONS

7' Width x 7' Length x 13' Height

CONSTRUCTION

3/16" Heavy Duty Steel Construction Throughout

ELECTRICAL REQUIREMENT

208/240 Volt/3 Phase/100 Amp

ELECTRICAL REQUIREMENT

208/240 Volt/1 Phase/150 Amp

FUEL REQUIREMENT

LPG or Natural Gas / 5 PSI / 400SCFH

PROCESS FLOW

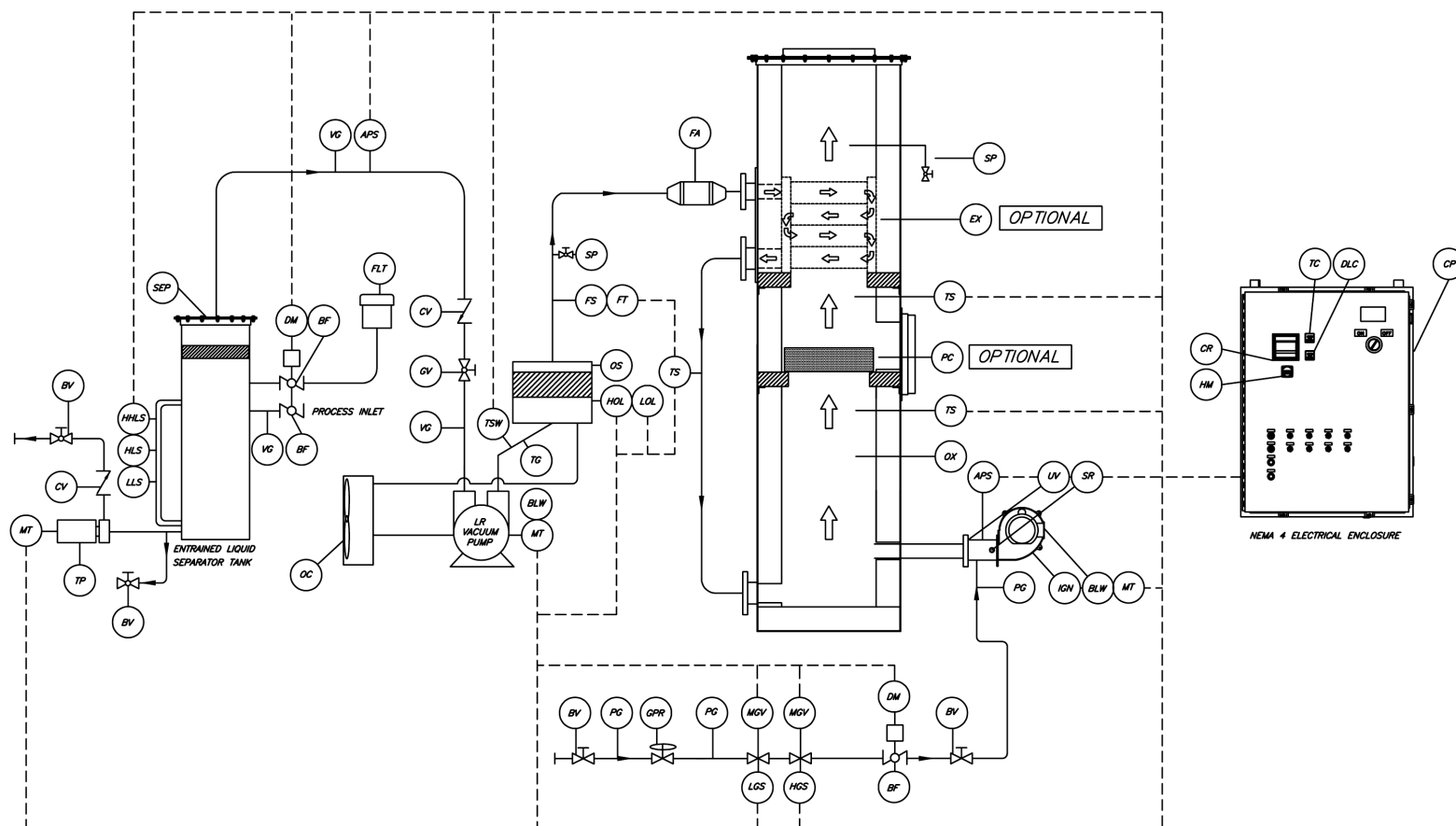
300 CFM and up to 28" Hg. Vacuum

VOC LOADING

15,000 PPMV Maximum

DESTRUCTION EFFICIENCY

98%+



MAKO INDUSTRIES

THERMAL-CATALYTIC OXIDIZER

PROCESS INSTRUMENTATION DRAWING

DATE:
9/15/08

FILE:
300 Makotherm.PID

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