



Thermal Purification (ThermPure) Thermal Oxidizer

Highest Achievable Control

APC Technologies, Inc.'s ThermPure Series Thermal Oxidizers Systems achieve 99% plus destruction efficiency on VOC's, odors, fumes, and other gas-phase contaminants.

High Heat Recovery

ThermPure Series Thermal Oxidizer Systems maximize heat recovery through primary heat exchangers to preheat incoming air with outgoing exhaust and secondary heat exchangers that can provide additional preheating of incoming air, or process steam, heat, chilled water, or plant heating and cooling.

Unique High-Efficiency Pre-Filter

APC's unique Ultra High-Efficiency Filter (UHF®) unit removes sub-micron particulate and aerosol prior to entering the oxidizer, maximizing heat recovery efficiency of the heat exchangers, and substantially reducing system maintenance costs and downtime for applications where particulate is present.

Low Capital Cost

APC's ThermPure Thermal Oxidizers provide for smaller space requirements and low weight, allowing roof mounting, which can substantially reduce ductwork, stack and overall installation costs.

Proven Through Performance

APC's ThermPure Thermal Oxidizers have a proven track record of reliable and superior performance in a variety of industrial applications and demanding environments.

Broad Range of Applications

Applications for ThermPure Thermal Oxidizers include asphalt operations, bakeries, coating operations, chemical plants, food processing, furniture manufacture, foundries, groundwater stripping, landfill gas treatment, oil processing/storage tank vent gas, painting operations, plastics, polymers and resin manufacture, printing, pulp and paper manufacture, rendering, roofing manufacture, pharmaceuticals, smoke houses, textile finishing, wastewater treatment, and wood products manufacture.

