

Environmental Equipment.

TFO-HX / TFO



Thermal Fume Oxidizer with Heat Recovery or without Heat Recovery

Our **TFO** units are complete with controls and offer the utmost convenience with pre-wired and pre-piped assembly. Stelter & Brinck thermal oxidizers are designed to be easy to use and install. The TFO is ideal for applications of less than 40% LFL. These units are designed to take advantage of the high-energy contribution of concentrated streams. Applications of less than 25% LEL can benefit from our energy savings TFO-HX.

AFTERBURNER



Afterburner

The **afterburner** is a thermal oxidizer that provides the lowest capital investment. Stelter & Brinck afterburners are ideal for air streams with corrosive chemicals and high opacity air streams. Lower airflows and high temp airflows are also candidates for VOC removal with an afterburner. Our afterburners provide up to a 99+% destruction efficiency.

CFO/ CFO-HX



Catalytic Fume Oxidizer

Our **CFO** units are your best option if your VOC laden airstream is free of potential catalyst fouling agents or poisons. These units use a noble metal catalyst monolith to destroy the VOC fumes. Because the catalytic units use a lower temperature airstream for effective VOC destruction, these units use less fuel and cost less to operate than thermal oxidizers. Our catalytic units include heat recovery as a standard feature and are ideal for applications of less than 20% LFL. Secondary heat recovery is available to provide hot air for use elsewhere in the process or facility.