

Ultra-High Control Efficiency Filter (UHF) System

APC Technologies, Inc.'s Ultra High-Efficiency Filter (UHF®) systems use a patent-pending design to remove fine condensed and solid particulate emissions with control efficiency of up to and in excess of 99% including sub-micron size particulate.

Broad Range of Applications

UHF® systems control oil mists, wet/sticky and or oily dust, condensed hydrocarbons, smoke, haze, submicron particulate, indoor plant air, and certain odors. The UHF® design is especially advantageous against competing technologies for oily, sticky, and/or wet emissions. UHF® systems can also provide some removal of certain gas-phase contaminants such as VOC's, odors, and mercury.

Applications include: adhesives, aluminum rolling mills, other aluminum fabrication plants, asphalt plants and terminals, bakeries, biomass furnaces, chemical plants, coating operations, coffee production, composites, drying ovens, food processing, furniture manufacture, foundries, kilns (all types), lubricant production, oil pipeline terminals, oil refineries, painting operations, petrochemical plants, plastics, polymers, printing, pulp and paper manufacture, metals fabrication, recycling plants, rendering, resins, roofing products, rubber products, pharmaceuticals, sealants, solar power plants, spray drying operations, textile finishing, tire operations, and others.

Proven Through Performance

UHF® systems have a proven track record of reliability and consistent performance in a wide variety of applications and demanding environments.

Low Capital Cost

The UHF® system is a simple, compact design, with generally much lower space requirements, and low capital cost.

Low Operating Cost

Filter replacement is simple and performed while the system is on line, in typically 5-10 minutes, with no unit or process downtime. Filter media rolls are inexpensive. The UHF® system is virtually maintenance free, even in the messiest applications.

