

## CASE STUDY

# Packaged Filter Unit (PFU)

Christie's  
New York

## THE PROBLEM

Christie's Auction House has sold precious pieces of artwork and estate for hundreds of years. The first U.S. auction was held in 1977 in Rockefeller Center, New York, and since then, the U.S. branch has continued to host numerous priceless artifacts at auction. In 2015, sales totaled \$7.4 billion. Needless to say, Christie's must take extra precautions to protect these valuable pieces. Even the slightest amount of pollution in the air can tarnish delicate artifacts, so it is incredibly important to keep the air inside the auction house free of all contaminants. Christie's looked to the air purification market for a solution to super-purify the air in its facilities.



## THE SOLUTION

Christie's contacted PureAir to see if a solution to their problem could be provided. Familiar with applications requiring super purification in an urban commercial environment, the engineers at PureAir recommended four Packaged Filter Units (PFU) to handle the job. The model chosen was the PFU-6000, and details of the units included:

- Galvanized steel double wall construction
- Internal aluminum plenum fan with 10 Hp
- MERV 6 prefilter and MERV 13 final filter
- PureAir CP Blend media in PP12 refillable modules

The units and media have been successful in protecting the priceless pieces of artwork from pollutant corrosion.