

Case Story

Problem:

P. Bernardi of London are restorers of fine art. Commissioned to work for art galleries, auctioneers and private collectors, much of their work involves the cleaning of vases by hand using a wide range of solvent cleaners. During their work the solvent levels build to an unacceptable level and the company set out to improve the working conditions for the conservators. Noise was a major consideration with low noise levels required within the studio environment and discharge noise was important as the system would exhaust into a semi-residential area.

Solution:

Nederman proposed a 10 ft. cantilever self supporting fume extraction arm to be used in conjunction with an N16 series fan. The system was installed in a corner of the studio, allowing one wall to support the arm and fan and the other wall to accept the fan discharge. Silencers were proposed as an option however, the installation did not include silencers. The noise levels were acceptable to the company without further silencing.

Result:

Ms. P. Bernardi, Proprietor of the studio said, “The Nederman extraction system has made a huge difference to the quality of air in our studios. We can easily position the hood so we have good extraction without the equipment being obtrusive to our work.”

