

## Case Story

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### Problem:

Airedale International Air Condition Ltd is a world class manufacturer of industrial and commercial air condition systems. When they began searching for fume extraction systems for their brazing operations, they approached Nederman for advice. The systems had to include high efficiency filtration, have flexible extraction arms that the operator could easily position and have the ability to cover a wide range of component sizes. A major consideration was that as the companies production profile changes the extraction systems could be easily repositioned to suit. The final requirement was for a full after sales package to cover training after installation and guaranteed service back up for the future.

### Solution:

Nederman proposed a mix of mobile and fixed extraction systems to give maximum working flexibility. The fixed units comprise of a filterbox unit with pulse air clean powered by an N29 fan, each Filterbox serves two fume extraction arms. A total of (15) FilterBox systems have been installed giving fume extraction for thirty points. The units are mounted to stanchions that support both FilterBox and arms as one system, this innovative design means the company can easily relocate the complete system as production demands change.

