

## Critical Environments

In applications where extremely clean air is required, filtration products become a critical component of the HVAC system.

Critical environments include hospitals, food processing plants, telecommunications, and high tech manufacturing. The efficiencies required for these applications range from 65% (MERV 11) to 95% (MERV 16). Traditionally these needs have

been filled by a variety of products including pocket, rigid cell, and cartridge style filters. In recent years, the increasing popularity of variable speed drives and rising energy costs have driven advancements in this area and the result has been the v-bank style filter. Currently there are two styles of v-bank filters available:

### **V-BANK MINI-PLEAT**

Utilizing a 4-V format, the European engineered filter maximizes service life and dramatically reduces pressure drop. With over 190 square feet of media in a 24 x 24 x 12" filter, the expected service life is 3 times that of other rigid formats.

### **TITAN FP**

A lighter weight version of the v-bank mini-pleat, the Titan FP is designed to outperform traditional rigid filters at a similar cost.