MAKE-UP AIR UNITS

Ventilation and Exhaust

Commercial and industrial buildings, such as data centers, medical facilities, warehouses and processing plants, rely on HVAC ventilation and exhaust equipment to cool, refrigerate, extract heat, or maintain interior temperatures with safe indoor air quality (IAQ) so that employees are comfortable and operations run smoothly. As ventilation and exhaust systems work to remove warm air and contaminants from buildings, a controlled source of replacement ambient air is needed to keep indoor spaces at neutral air pressure. Otherwise, unintended methods of replacing air result in adverse outcomes such as poor IAQ, process downtime and HVAC equipment working harder for lesser results.

Many facilities utilize make-up air (MUA) units, a type of mechanical equipment designed to consistently push fresh outdoor air into an indoor space. MUA systems play a crucial role in air rate exchange, delivering high volumes of air to be recirculated back into the building space. To keep the outdoor air coming in clean, MUA units rely on high-efficiency filters, like pleats, V-banks or bags, to capture dust, debris and environmental contaminants as air is pulled through - and regularly changing these air filters can get costly! Permatron® has an innovative prefilter solution that keeps high-efficiency air filters lasting longer and MUA units functioning properly with the PreVent® system.

Powerful Filters, Powerful Results

PreVent air intake filter screens make a powerful difference in increasing the lifespan of HVAC equipment, reducing maintenance costs and system downtime. A good, easy to clean prefilter also extends the life of high-efficiency air filters that most MUA equipment depend on. PreVent air intake screens easily mount on the outside of a MUA unit, stopping airborne contaminants before they reach the inside of the equipment, to deliver reliable high performance and low operating costs.

Extend the life of equipment and pleats with PreVent!

The PreVent® System