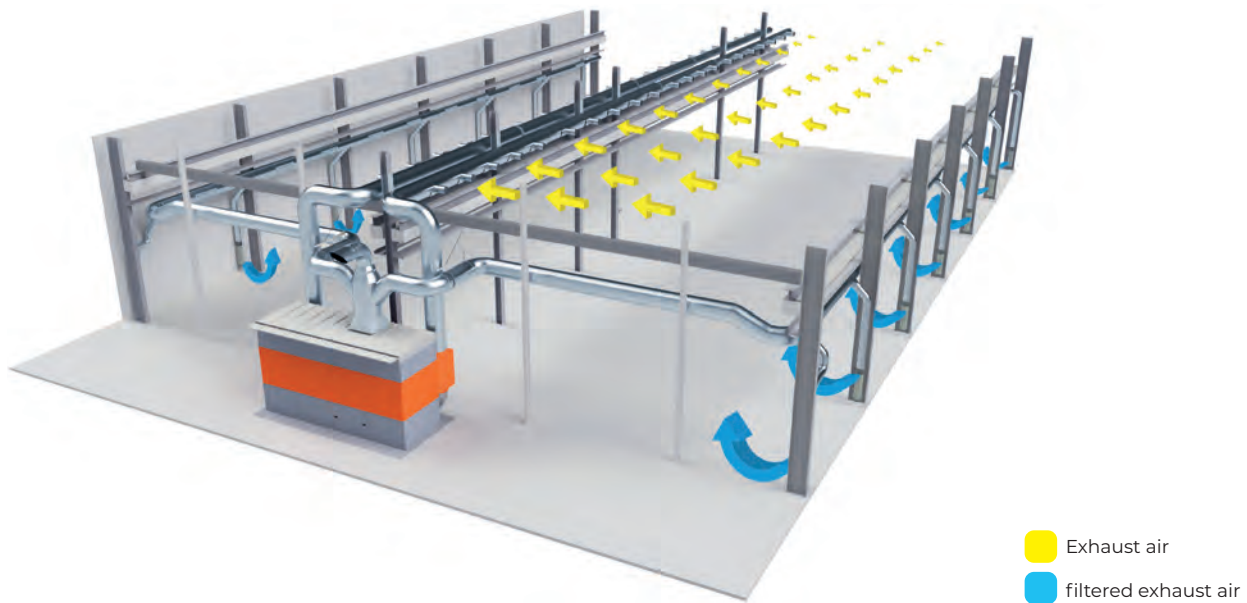


Displacement Ventilation



Applications

- Medium to high levels of smoke and dust
- Workshops where local exhaust ventilation is not possible
- To complement local exhaust ventilation systems
- Environments with changing sources of smoke and dust
- For large work pieces or where work positions are well separated

Benefits

- Optimised, low velocity air flow by using thermal air currents
- Uninterrupted continuous operation due to automatic differential pressure-controlled filter cleaning
- Can be adapted to specific work areas due to a flexible number of outlet pipes
- Heating costs minimized by air recirculation
- Convenient operation due to intelligent control via touch screen with diagnostic system
- Contamination free dust collection due to compressed air lift for duct collection container

Mode of operation

- Outlet pipes are installed close to the floor, inlet pipes at a height of 4-6 m and connected to a central extraction and filter system
- Contaminated, warm air rises, is collected through the inlet pipes and cleaned in the filter unit
- The purified, clean air exits from the outlet pipes at low velocity near the floor
- The warm, fresh air displaces the welding fumes towards the inlet pipes and at the workplaces a constant, circulating air stream is created

Accessories

- Automatic dust disposal - DustEvac
- External On/Off
- AirWatch

►Video

