

PAVEL

Passive Air Ventilation Exhaust Louver



- **Retrofits existing rooftop “mushroom cap” exhausts**
- **Reduces exhaust fan energy consumption by up to 50% via:**
 - **Reduction in air flow exit losses (backpressure)**
 - **Wind driven draft effect**
- **Extends fan operating lifetime**
- **No moving parts**
- **Available in clear/colors to provide desired aesthetics**
- **Patents pending**
- **Attractive economic payback**

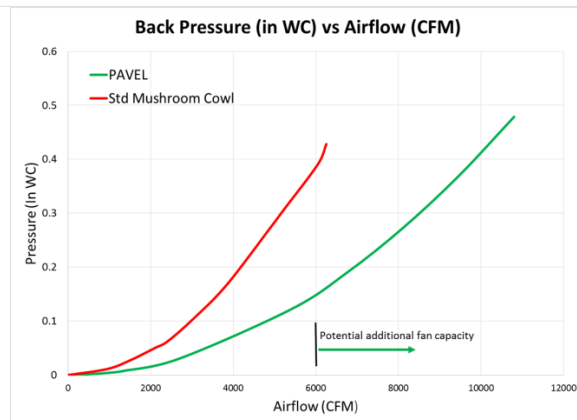
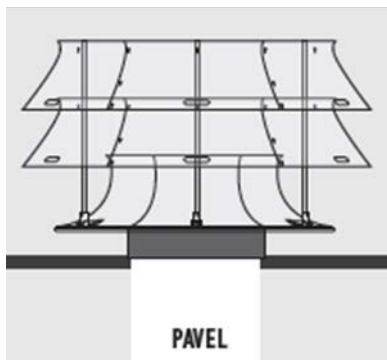
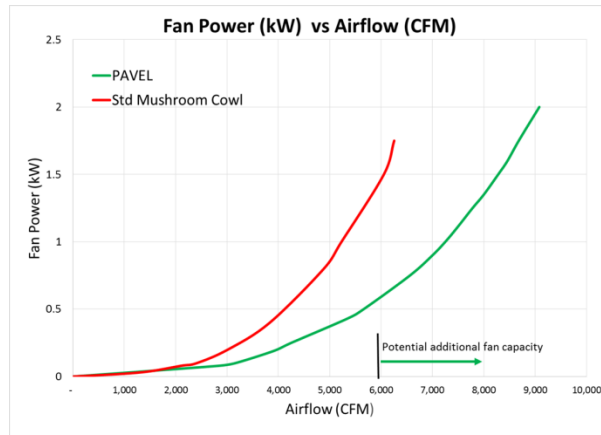


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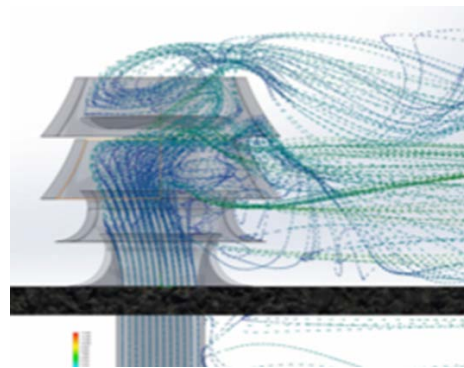


PAVEL retrofits Mushroom Cowl

Graphs above show lower kW / backpressure or higher flowrate, with PAVEL



Photo showing translucent PAVEL unit on commercial building rooftop



CFD modeling illustrates additional advantages with modest wind resource



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