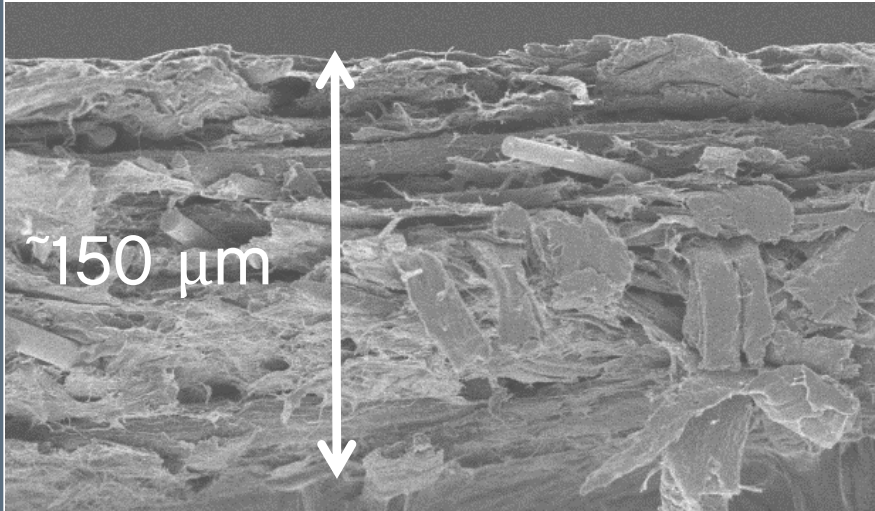

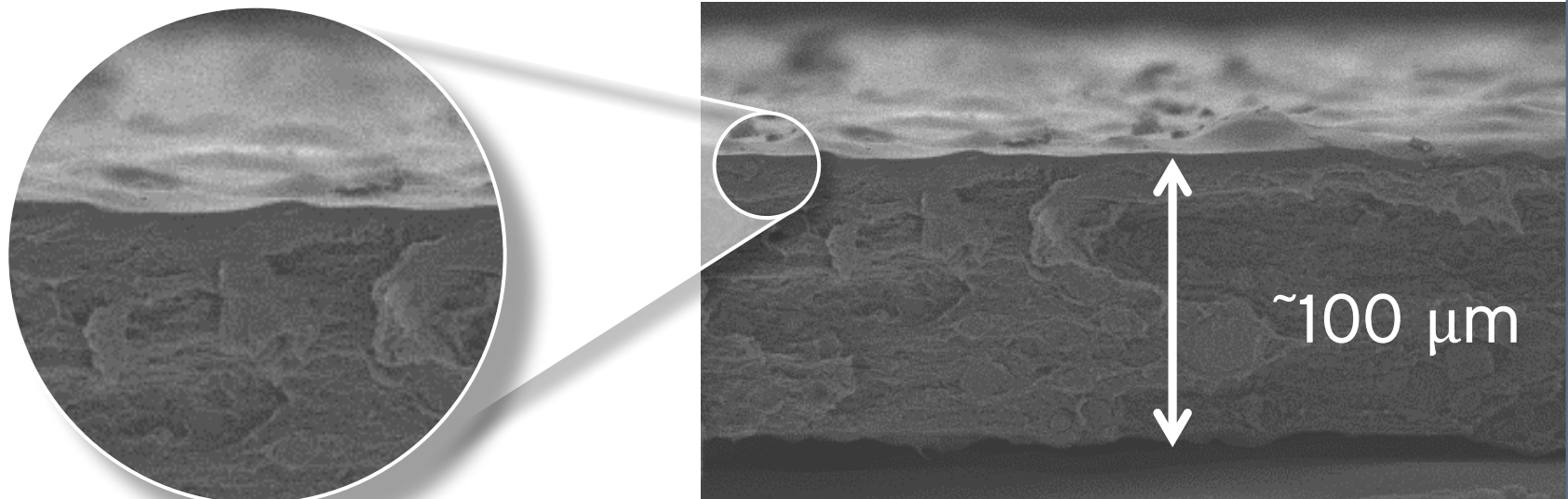
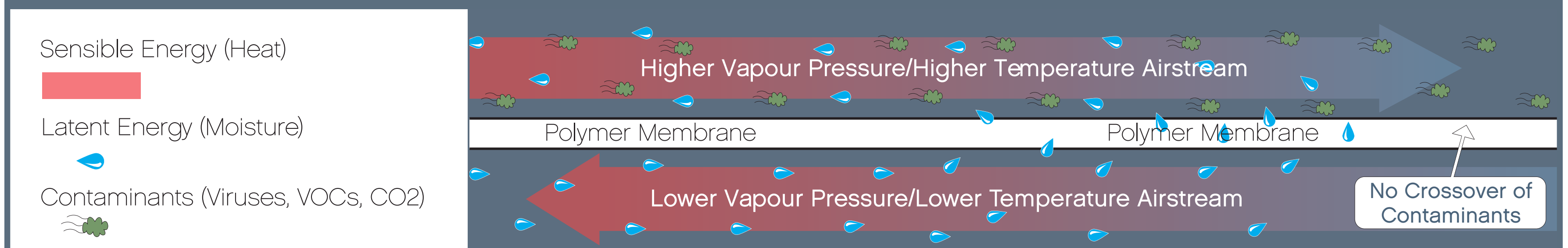


core MEMBRANE SCIENCE

TYPES OF ERV MEDIA

PAPER-BASED MEDIA	core COMPOSITE POLYMERIC MEMBRANE
<ul style="list-style-type: none"> • Porous paper based substrate filled with desiccant 	<ul style="list-style-type: none"> • Dense continuous selective film layer (<5 microns) on a porous substrate
FEATURES	FEATURES
<ul style="list-style-type: none"> - Moderate water vapour transport performance - Defects and leakage - low selectivity - Poor Longevity - Poor durability in condensing/freezing conditions - Poor microbial resistance 	<ul style="list-style-type: none"> + High transport of water vapour + High selectivity + Excellent dimensional stability, durability + Wash-able, freeze tolerant + Antimicrobial resistance
 	

Inside every CORE exchanger is our patented polymer membrane. This polymer membrane transfers both heat and humidity from one air stream to another, while blocking the transfer of odors, gases, VOC's and other contaminant compounds.



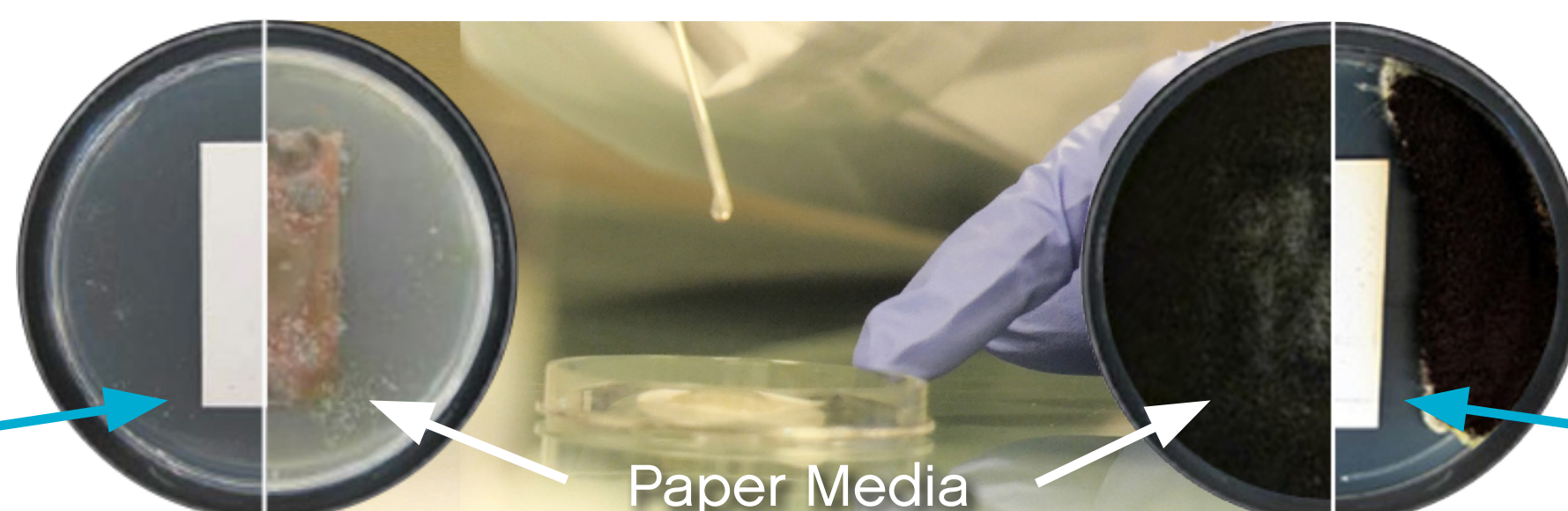
VOC AND CONTAMINANT CROSSOVER TESTING

- Acetic Acid
- Acetone
- Ammonia
- Carbon Dioxide
- Chloroform
- Ethanol
- Formaldehyde
- Hexane
- Nitrogen
- Oxygen
- Sulfur Hexafluoride
- Toluene
- Indole
- Isobutylaldehyde
- Isobutyric Acid

FUNGAL TESTS

- ISO 846 A
- AATCC 30

core Polymer Membrane



Paper Media

BACTERIAL TESTS

- ISO 846 C
- AATCC 147

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