Sales & Marketing
Bulletin

GREENHECK
Building Value in Air.

Bulletin: 24-19

TO: All Greenheck Representatives

FROM: Brina Frank,
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DATE: July 22, 2019

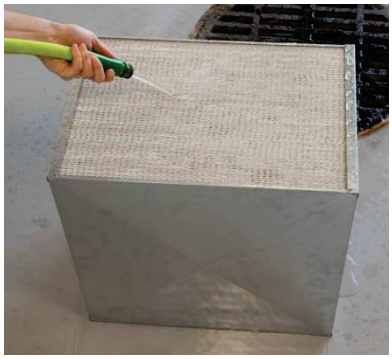
SUBJECT: Model ECV – Polymer Membrane Energy Core

Effective with the August CAPS® 4.30 release, preconditioner model ECV (energy core ventilator) is now available with an optional polymer membrane core. ECV model nomenclature will include a PM to indicate this new option.

The AHRI-certified energy core is manufactured from corrugated aluminum sheets used to separate the polymer membrane layers. The crossflow corrugated structure minimizes cross contamination and provides industry-leading thermal performance at lower pressure differentials than comparable products.

This premium offering includes the following specifiable features;

- AHRI 1060 Certified
- Water Washable
- ERR (Enthalpy Recovery Ratio) = 55 – 65%
- Low air-side pressure differentials
- Mold/Bacteria Resistant (ISO 846)
- Minimal EATR (Exhaust Air Transfer Ratio) = 0 – 1%



The energy recovery core models with a polymer membrane are available with airflow capacities ranging from 500 to 3,750 cfm. Model ECV offers indoor/outdoor mounting configurations, Vari-Green® EC (electronically commutated) motors (ECV-10), BMS communication capabilities, and economizer/frost control options. Combining these features with a polymer membrane core creates a spec that is hard for the competition to meet.

Along with our fiber membrane core and enthalpy wheels, Greenheck continues to expand our offering and provide you and your customers with energy recovery solutions regardless of technology preference. Start the conversation today about specifying this new model with your engineers and get the competitive edge in the core market!

For questions about TAP's new polymer membrane energy core, contact your regional salesperson or email TAP@greenheck.com.