

Bulletin 58-20

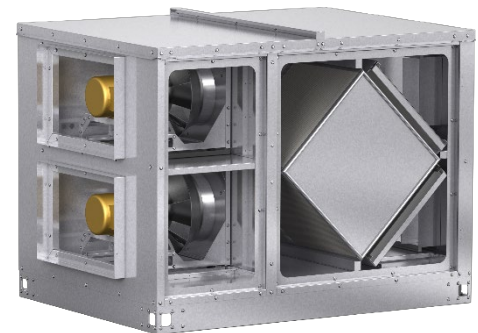
TO: All Greenheck Representatives  
 FROM: Brina Splingaire  
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 DATE: November 30, 2020  
 SUBJECT: Redesigned ECV Models



We are excited to announce the redesign of energy core ventilator models ECV-20 and ECV-30. Effective with CAPS® 4.34 (December release), models ECV-20 and -30 will mimic model ECV-40 with direct drive, mixed flow plenum fans with VFDs (standard), replacing the belt-driven, forward-curved fans. The mixed flow plenum fan has numerous benefits that include:

- Reduced brake horsepower requirements of up to 50%
- Ease of maintenance with no belts
- VFDs to facilitate ease of balancing at start-up
- Reduced sound power levels

The size of the ECV-20 and -30 models was optimized to ensure the best unit performance in the smallest unit footprint available. Original ECV units had heights that could be as an issue for indoor mounting due to height restrictions. However, these now challenge the competition.



Model ECV-20

Model	Old Height (in.)	New Height (in.)	Height Reduction (in.)
ECV-20	56.9	44.9	12.0
ECV-30	60.7		15.8

These models still offer AHRI certified fiber (-FM) or polymer (-PM) membrane cores, frost/economizer control, hinged access, double wall construction, and stand-alone microprocessor controls.

Redesigned models will follow the newer nomenclature previously set up for model ECV-40. The model nomenclature will start with the ECV housing size, the core type (-FM or -PM), and end with the airflow rate (H or L), which signifies whether it has a bypass damper selected for economizer. Old models will be available in CAPS until the April 2021 release (4.35), when it will be discontinued and can no longer be ordered.

Gain the competitive advantage by working with engineers to specify these new models with unique components such as the direct drive, mixed flow plenum fans and the **washable** polymer membrane (-PM) cores. For additional information, please contact TAP support at 1-800-240-0870, extension 3 or [TAP@greenheck.com](mailto:TAP@greenheck.com).