

Bulletin: 34-21

TO: All Greenheck Representatives  
FROM: Jay Haferbecker, CAPS Product Manager  
DATE: July 27, 2021  
SUBJECT: CAPS® 4.36 Announcement



## CAPS® 4.36 will be released Monday, August 2 at 3:00 p.m. CDT

The following information highlights the new products and enhancements in this release.

### United States Manufactured New and Enhanced Products

#### Power Roof Ventilators (PRVs)

- Speed controllers have new option to ship with unit
- Replace A Fan Tool curb adapter workflow updates
- Added submittal info (MCA, MOP, SCCR and FEI)
- Roof curb models GPIR and GPFR can have a damper tray when selecting 'stand-alone'
- Models with old nomenclature no longer can be ordered and must be reselected
- Match color chip pricing revamped
- Additional Vari-Green® selections 1, 2, and 3 horsepowers (CUE-140HP, 160XP, 180HP, 200, 200HP, 240...)

#### Axial and Inline Fans

- Models SQ/BSQ have fan efficiency index (FEI) certification
- Some products changed pricing category in FV3 and FV5
- Match color chip pricing revamped
- Discontinued models RGU, LD, LDP, ESRMD/ESRMDF sizes 24/30, and two-speed induction motors

#### Ceiling Exhaust Fans (Bathroom Fans)

- Ceiling radiation damper (CRD) expansion – available on SP-AP series sizes
- New minimum ventilation controller – compatible with Vari-Green
- Added min/max fan curves for Vari-Green selections

#### Centrifugal (Blowers and Plenums)

- Blower model USF, 100 series, Arrangement 4, direct drive, micro drive, added 0 to 10 volt control signal
- Blower model USF, arrangement 3 and 9 belt drive have been removed
- Discontinued the louvered supply fan, model LSF [See bulletin 29-21](#)

#### Fume Exhaust and Tubular Inline Fans

- New composite tubular inline QEID FJ-18 fan with Spark A, up to 3,000 cfm
- Added Spark B construction to models TBI-CA and TAUB-CA

## High Volume Low Speed (HVLS) Fans

- Advanced touch screen controller can handle up to 20 fans
- Added UL-507 damp location certification
- Electrical warranty increased to three years (DC sizes 4-7)
- Added 20-foot power cable option

## Dampers

- Curtain fire dampers mounting selection now available line by line
- New ABD-RB steel collar option
- Round control dampers can now have a bracket only option
- Updated UL listings for CFSD dampers
- Submittal notes for control dampers actuator sizing
- Heater control (SCR, Vernier SCR) updated for IDHE and IDHE-O to meet NEC requirements
- Discontinued models VCD-20V, VCD-42V, and VCDRM-50

## Louvers

- New model EAD-632W for warehouse (extruded aluminum adjustable with drainable blades)
- Added prime coat and mill finish information submittal page
- Added GCC roof curb for louvered penthouse models WIH and WRH
- Removed pneumatic actuators from all adjustable and combination models

## Kitchen Ventilation Systems (KVS)

- Product line simplification continuation (discontinued integral and short circuit supply hoods, 16-gauge material option, and KFCC/Variflow kitchen controls)
- Added help content for Greenheck controls
- Added optional updated fees based on zip code input for fire suppression field hookup child mark
- Moved gas valves to a child mark on fire suppression systems to allow for easier order processing and timing for shipments of gas valves.
- Report enhancements (increased accuracy of hood and accessory weights, and additional fire suppression details)

## Dedicated Outdoor Air Systems (DOAS) - [Join us for a webinar covering what's new in CAPS 4.36](#)

- Added labels and sizes of piping connections to the unit drawings
- Added control sequences for kitchen applications
- The RV-75 and RVE-150 are available at more voltages
- Discontinuing Packaged DX cooling on the ERCH [See bulletin 28-21](#)
- Quick Build is no longer available with Packaged DX due to supply chain shortages
- All EC condenser fans are no longer available due to supply chain shortages

## Make-Up Air (MUA) - [Join us for a webinar covering what's new in CAPS 4.36](#)

- Greenheat enhancements - Added mixed flow selections and updated sizing calculations; see upcoming webinar for more details
- Expanded external VFD option for mixed flow housings H32 and H35
- Expanded airflow capacity in housing H32 from 16,000 cfm to 18,000 cfm
- Remote panel wiring diagram enhancements – Added spaghetti diagram
- Updated mixed flow sound data
- Forward curve discontinuation has continued in H32 IGX units
- Base package offering continuation with **NO** new “DG” units to be selected except DG-PDX and DG-H05

Energy Recovery – Preconditioners (ERV) - [Join us for a webinar covering what's new in CAPS 4.36](#)

- Replaced mixed flow fans with punker plenum fans (increased performance)
- ECV-20, 30, 40 are now allowed in single phase 208 and 230 voltages

**India/GIN Manufactured New and Enhanced Products**

- Model AER-M AMCA Certified for Air & Sound Performance
- Models CSB & FJ-M AMCA Certified for FEI (\*sizes 315-710mm only\*)
- Added accessories for Model AER-M include (weatherhood, wall housing with guard, damper, and Vari-Green motor)
- Model CSB expansion to include 800, 900, 1000 sizes, up to 42,500 cmh and 1500 Pa (\*available in steel wheel only\*)

**Saltillo, Mexico Manufactured New and Enhanced Products**

- No changes

*Need assistance? Contact CAPS customer support at (715) 355-6523, email at [caps@greenheck.com](mailto:caps@greenheck.com) or contact the respective business unit teams with specific product related question.*