

TO: All Greenheck Representatives  
FROM: Jay Haferbecker, CAPS Product Manager  
DATE: July 26, 2022  
SUBJECT: CAPS® 4.39 Announcement



## **CAPS® 4.39 will be released Monday, August 1 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**

#### **Axial Fans – [Video](#) and [Bulletin 32-22](#)**

- Obsoleted wire motor side guard and discharge diffuser (all configurations)
- Added damper velocity constraint (all axial models)
- Damper models VCD-30s and VCD-40s will now be shipped loose
- Damper models GM-31/32, ICD-44, WD-220 and WD-300 are being removed
- Damper models EM-11, EM-31, and ES-32 are being added as ship-loose options
- Model AER has propeller material and specific fan size selection fields (sizing tab)

#### **Ceiling Fans (Bathroom Fans) – [Video](#)**

- Added submittals for ERV models ASSURE™ and SYNC™
- SYNC-180 and 270 control options are paired down based on compatibility
- SP-LP series list price reduction for market competitive pricing at standard multiplier (moved to FV6)
- Updated octave band sound data for consistency
- For the lighted grille, the Lumen and color temperature data are provided
- SP-80-VG is permanently out of stock
- SP-110-VG is permanently out of stock. For orders placed after 5/15, orders converted to SP-AP series
- SP-80L-VG (with lighted grille) is still available, contact [craig.kuski@greenheck.com](mailto:craig.kuski@greenheck.com)
- SP/CSP-A110, 125 and SP/CSP-B110, 150 removed 277 volt motor options due to performance issues

#### **Centrifugal Blowers and Plenum Fans – [Video](#)**

- Fan array models HPA and OPA are located under new fan array category under Fans
- Plug and Plenum category moved out of Blowers category and is now under Fans
- Double-wide blower models BIDW and AFDW orders no longer accepted

#### **Fume Exhaust and Tubular Inline Fans – [Video](#)**

- Model Vektor®-H direct drive are approved certification for high wind with NOA

- Tubular inline fan model TCB, no longer accepting orders (alternate model is QEI, series 100)
- Tubular upblast model TAUB size 54 has dimensional height change

### **Power Roof Ventilators (PRVs) and Roof Curbs – [Video](#)**

- G/GB/CUE/CUBE models have updated damper, duct and roof opening on certain sizes
- Model USGF is no longer available with High Wind Rated option
- 1/10<sup>th</sup> and 1/6<sup>th</sup> hp Vari-Green® motors are now TENV enclosure (was ODP)
- GPF family of curbs with High Wind Rating have a 2-inch flange option
- For Rep Stock orders: roof curb model GPS has been removed, model GPI and GPF are available
- Macropoxy coating price increased due to rising cost from our vendor

### **Square Inline Fans – [Video](#) and [Webinar](#)**

- Added side discharge options for model SQ mixed flow selections
- SQ mixed flow fan sizes 12 through 24 are now available on 10-day Quick Build (QB) program
- Added outlet sound values for SQ mixed flow selection as an optional column in the sizing grid
- Old SQ mixed flow nomenclature selections (example SQ-16-07-0700-VG) need to be reselected with the new nomenclature (example SQ-16-M2-VG)
- Fan Energy Index (FEI) values are displayed for Vari-Green® selections with 1 hp and greater 1800 rpm motors
- One-inch MERV 8 filters for models SQ, BSQ, BCF, and BDF are no longer available. Two-inch MERV 8 filters are still available.
- Centrifugal roof supply and exhaust penthouse models RSFP and LBP are being obsoleted. Previously saved selections will be honored in this release. Models RSF and LB are still available.
- The BCF mixing box is being obsoleted
- SQ/BSQ stainless steel inlet and outlet guards are being obsoleted

### **AMPLIFY™ Overhead Fans (HVLS) – [Video](#)**

- Needle Point Bipolar Ionization has been obsoleted
- Added 7-foot Northern Light® model (DC-5-7-NL) with UV-C air cleaning technology

### **Louvers**

- No changes

### **Dedicated Outdoor Air Systems (DOAS) – [Video](#) and [Webinar](#)**

- New enhanced efficiency design for RV-45 and RVE-85
- New model RVC with total enthalpy core (5-70 tons)
- Obsoleted the RV/RVE digital compressor and remote condenser
- Models ERCH and ERT are obsolete

### **Make-Up Air (MUA) – [Video](#) and [Webinar](#)**

- Unit control centers have been decreased in size from 38 to 24 inches on non-Packaged DX units
- Added outlet damper by others option for an external damper to be paired with the MUA unit
- Unit warranty has been updated to be 18 months from unit ship date
- Backward inclined plenum fans are no longer available with OPD or TEFC and not available with shaft grounding
- Monitoring interface unit control has been obsoleted and replaced by the microprocessor control
- Kitchen remote panels have been obsoleted and replaced by industrial remote panel

- Legacy Greenheat units have been obsoleted and will need to be reselected in the new Greenheat selection program
- GCC curbs are now selectable for MUA units

### **Preconditioners (Energy Recovery Ventilators) – [Video](#) and [Webinar](#)**

- Pricing categories (ER4, 5, 6, 7)
- Fan performance enhancements for Vari-Green® units (MiniCore, MiniVent, ERV-10, ECV-10)—now shows BHP curves
- Code compliance for less than 1 watt per cfm for more selections
- Addition of Performance Review tab
- Addition of thermal effectiveness ratings table under the Review tab

### **Dampers – [Video](#)**

- New actuators Belimo NFBUP(-S) for VCDs, ICDs and face & bypass dampers
- New actuators Siemens GVD series for VCDs, ICDs, face & bypass and heavy-duty dampers
- Added “Mfr. Supplied Plenum” option for CRD-1WJ
- Added velocity of 3,000 fpm for FSD-311M and SMD-301M
- Updated reports to clarify actuator operation and fail position for heavy-duty dampers
- Obsoleted models: FDR-150, FSDR-512, SMDR-502, SSFDR-510, SEFSDR-511, SESMDR-501
- Obsoleted clean wrap for CRDs
- Obsoleted security bars and 10 ga. sleeve thickness for SSDFD-150, -350, SSFD-150, -350
- Obsoleted 16 ga. sleeve thickness for SSDFDR-510, SSFSDR-511, SSSMDR-501
- Obsoleted NEMA 7 enclosure and low volume actuators for VCDRs

### **Kitchen Ventilation Systems (KVS) – [Video](#)**

- Air Supply Plenum (ASP) and Split Supply Plenum (SSP) redesign—height reduced 4 inches, MBDs standard on SSPs and ASPs with rect. collars
- Kitchen Hoods—spacing between round LED lights has been updated
- Collars are no longer automatically sized during kitchen hood selection, new sizing buttons allow user to manually initiate the sizing process, prevents frequent auto-resizing of collars
- A front ASP is selected by default on new kitchen hood selections, and ASP-related warning messages during selection have been updated
- Fire suppression systems configured as “Parts Only” can now be ordered as a quick quote without linking a hood
- New “Distributor” tab in the Field Hook-up child mark for full Fire Suppression systems—required inputs about the job before the mark is orderable
- Kitchen control accessories updated to allow a wider range of selections

### **India/GIN Manufactured New and Enhanced Products – [Video](#)**

- New mixed flow model QEI-M
- Model APM-M enhancements include size expansion, partial wheel width changes, and less motor and drive (LMD) offering
- Added CSB/FJ-M coated offerings for toxic environments
- Model CDB includes LMD offering and knock down housing shipping options
- Model RA-3—AOM extended range on SF

### **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 questions.*