

TO: All Greenheck Representatives
FROM: Jay Haferbecker, CAPS Product Manager
DATE: July 31, 2018
SUBJECT: CAPS® 4.27 Announcement



CAPS® 4.27 will be released Monday, August 6th at 8:00 PM CDT

The following information highlights the new products and enhancements in this release. The program will automatically update when you open CAPS after 8:00 p.m. on August 6th.

Program Changes

- The new MSI CAPS installation package replaced the legacy installation on RepNet. Legacy installations will continue to update as they did before.

New and Enhanced Products

Power Roof Ventilators (PRVs)

- Added direct drive spun aluminum sizes; CUE-200HP, 240, 240HP, 300, 300HP, and G-200HP, 240, 300
- Added another Vari-Green® Drive, VGD-100+. VGD-100+ has increased functionality.
- Allow Seismic Rated and IEC motors on wall mounted spun aluminum models CW, CWB
- Discontinued sizes 65, 75, 85 for models G, CUE, CW
- Expanded Quick Delivery program to include models AE and AS along with Seismic Rated models G, GB, CUE, and CUBE

Axial Fans

- Added sizes 42 and 48 to wall mounted axial model AER
- Vari-Green Drive (VGD) is now available on the AER sizes 20 through 48
- Discontinued
 - o Models SCE3, SCS3 (replaced by AER) - sizes 20, 24, 30, and 36
 - o Models SQ, LD, LDP - sizes 65, 75, 85 and LD-60 and models LB, LBP - size 10
 - o Models RBU, RBUMO - size 20 and model RDU - sizes 18 and 20

Bathroom Fans

- Added continuous low-speed operation until triggered by sensor or switch (Whole House Ventilation) option for the select SP sizes
- Added integrated humidity sensors and motion/humidity combination sensor options
- Added HVI (Home Ventilating Institute) certification for select SP sizes
- Added statements to submittals to note compliance with ASHRAE 62.2 California Title 24 and Washington Energy Codes
- Pricing reductions will limit the need for discounts

Centrifugal, Vane Axial, and Inline Fans (CVI)

- New blower model USFD-FC, series 100, direct drive, forward curved (replaces model SFD)
- New blower model USF-FC, series 100, belt drive, forward curved (replaces model SFB)
- New blower USF-BI, series 100, belt drive, backward inclined (replaces model SWB-100)
- Blower model CSW can have UL 762 (grease exhaust) with Spark C construction and Seismic Rating
- Perma-Z coating is being discontinued

Fume Exhaust

- Vektor®-MH offers a new sound attenuating nozzle - no adverse affect to fan performance or to effective plume height
- FumeJet® models FJI and FJC now show plume height on screen (selection grid) and submittal
- Variable geometry models Vektor-CS, HS, MS - increased max velocities up to 5,000 ft/min.
- Vektor-H with Miami-Dade Notice of Acceptance (NOA) is available on 15-day Quick Build program

Dampers

- New stainless non-motorized backdraft damper, model SSNM-10, 11, 12 and SSNM-30, 31, 32
- New remote powered balancing damper, model RBD-15
- Increased max section width on ICDs from 144 to 180 inches
- Increased max section width on airfoil VCD models from 48 to 60 inches
- Increased duct heater model IDHE max size to 120 x 144 inches and heat cap to 30 kW/sq. ft.

Louvers

- Automated submittal drawings for ESD-435, ESD-635, EHH-501 and EVH-501
- New hinge frame line-by-line function allows for both left and right side hinge

Kitchen Ventilation Systems

- Can specify voltage, phase, and HP when "Fan By Others" on Grease Trapper ESP™
- Exhaust air balancing baffles are now available for round collars
- Switched 1-in. bonded activated carbon filters to 2-in. carbon trays on Grease Trapper ESP
- EABBs, metal mesh filters, replacement VFDs for some control packages are available shipped loose

Make-Up Air

- Dynamic TSCP diagrams added (remote panel drawings)
- Microprocessor now offers a new room control option
- Updated VAV turndown calculation for untempered units
- Static component cut sheets and submittal updates
- Airflow proving contact, VFD soft-start and service light options
- Model VFCD has been discontinued

DOAS

- Model RVE-40 and RVE-85 now available with side return intake
- Model RV-70 and RVE-120 packaged DX coils redesigned to improve efficiencies
- Improved submittal layout

Energy Recovery

- Model ERV-10 is now available with Vari-Green® motors
- Model PVe has been discontinued
- Improved fan performance for MiniVent-750-VG

Training Videos

Watch videos from RepNet, the CAPS Live Page, or the links below.

- PRV – [click here](#)
- Axial Fans - [click here](#)
- Bath Fans [click here](#)
- CVI and Fume Exhaust– [click here](#)
- Dampers – [click here](#)
- Louvers – [click here](#)
- KVS – [click here](#)
- TAP and DOAS – [click here](#)

Need assistance? Contact CAPS customer support at 715.355.6523 or email at caps@greenheck.com