

TO: All Greenheck Representatives
FROM: Jay Haferbecker, CAPS Product Manager
DATE: July 29, 2020
SUBJECT: CAPS® 4.33 Announcement



CAPS® 4.33 will be released Monday, August 3 at 8:00 p.m. CDT

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

General

- Updates will be significantly faster after the initial CAPS v4.33 release

United States Manufactured New and Enhanced Products

Power Roof Ventilators (PRVs)

- New vented roof curb models GPFVP and GPFVR for kitchens
- Expanded Vari-Green® motors to more G and CUE sizes
- Added 3 hp and 5 hp, 3-phase Vari-Green selections to G and CUE
- Outdoor pressure probe for constant pressure applications
- Expanded Fast Pass to include several more options/accessories

Axial and Inline Fans

- Expanded Vari-Green motor offering up to 5 hp and 7.5 hp on model AER
- Expanded Vari-Green motor offering for model RCE3
- New “Recommended Layout” tab for visualizing air performance of HVLS products
- Added extended warranty options for HVLS products
- Circulator models IC/ICO are now configurable (no longer only Quick Delivery)

Bathroom Fans

- Added ceiling radiation dampers (CRD) for wood trusses with UL-263
- New 110 cfm ceiling fan with ENERGY STAR®, SP-B110ES
- Added 3300 cfm Vari-Green inline cabinet fan, CSP-A3300-VG
- Added wall cap color options (27 colors)

Centrifugal Blowers

- Model USF, added 2-inch restrained isolators
- Model IP, changed fan series from 1, 2, 3, 4 to 100, 200, 300, 400
- Plenum models APD, APH, APM, and HPA now offer Vari-Green motors

Fume Exhaust, Vane Axial, and Tubular Inline Fans

- Added energy recovery for Vektor®-C series
- All 860 and 870 rpm direct drive selections changed to 890 rpm (Models AX, TDI, QEID, VAD, VADS, USF, IPs, TAUD, Vektor-M and C series)

Dampers

- Add ability to import data (tag name, quantity, size) from takeoff software
- New automatic balancing damper with register box, model ABD-RB
- New heavy duty round control damper, model HCDR-450, up to 7000 fpm and 30 in. wg of pressure
- Honeywell Diamond series actuators on FSDs, SMDs and SMDRs
- Redesigned models AMD-23, 33, 42, 42V, and AMS with new air measuring tubes

Louvers

- Expanded automated submittals drawings to include models AFL-501 and EAC-401
- Models ESD-635D and ESD-635DE are now AMCA 550 Listed with the optional WCD-40 damper in the closed position

Kitchen Ventilation Systems

- New PCB based kitchen controls packages
- Pollution control updates to Grease Trapper ESP – increased capacity, controls update, and other improvements
- Fire suppression – field install child mark

Dedicated Outdoor Air Systems (DOAS)

- RV-110 and RVE-180 drawings now available
- Streamlined controls selection process
- New control options supply airflow monitoring, condensate overflow shutdown, and economizer fault detection and diagnostics
- Added optional EC motor on all condenser fans except FV-70 and RVE-120

Make-Up Air (MUA)

- Mixed flow fan enhancements with the addition of a new fan model for continued reduction in brake horsepower
- Added single phase selections for the DGX, IGX, MSX, and VSU units 208v/230v, 5 hp and less
- Additional outside air filtration is now selectable for evaporative cooling selections

Energy Recovery - Preconditioners

- Heating enable sequence added for discharge temperature control through an external electric heater (SCR) or hot water coil provided by others
- Sensor monitoring package provides four sensors (2 temp., 2 RH) allowing for additional monitoring of points through the building management system (BMS)
- CAPS UI updated to allow for toggling between relative humidity or wet bulb for indoor summer and winter design conditions

India/GIN Manufactured New and Enhanced Products

- Model CSB
 - Backward inclined single width centrifugal fan suitable for clean air, supply or exhaust applications
 - Eight sizes available ranging from 315 mm to 710 mm
 - Capacities up to 17,000 cfm and 5.8 in wg

Saltillo, Mexico Manufactured New and Enhanced Products

- No changes

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