

TO: All Greenheck Representatives
FROM: Jay Haferbecker, CAPS Product Manager
DATE: July 30, 2019
SUBJECT: CAPS® 4.30 Announcement



CAPS® 4.30 will be released Monday, August 5 at 8:00 p.m. CDT

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

General

- Discount multiplier functionality enhancements (auto update and validation upon ordering)
- Roof curbs are now sticky (model, height... now will be remembered from previous selection)
- Engineers will be required to sign-in via My Greenheck credentials starting September 23

United States Manufactured New and Enhanced Products

Power Roof Ventilators (PRVs)

- Accessories for wall mounted spun aluminum models CUE and CUBE
 - Wall mount bracket
 - Sized grills for discharge
- No new selections for wall mounted models CW and CWB (must select as CUE or CUBE)
- 18- and 24-inch high options are available on sound curb models ATIP and ATIR

Axial and Inline Fans

- Expanded high volume low speed (HVLS) offering
 - New sizes of model DS-3: 8, 10, and 12 feet
 - AMCA certification for DS-3 and DC-5 models
 - Temperature/humidity sensors for touchscreen controls
- New motor side guard for wall mounted propeller model AER
- High wind rating updates on roof mounted propeller fans (now available up to size 48)

Bathroom Fans

- New sizes: SP-AP0511W and SP-AP0511WL
 - EC motor with 50, 80 and 110 cfm settings
 - Plug 'n play controls: Humidity, occupancy, night light and CO₂ sensors
 - Lower price alternatives to SP-80VG and SP-110-VG
- Pricing category multiplier changes: All SP models 150 cfm and under moved to FV6

Centrifugal, Vane Axial, and Inline Fans (CVI)

- Blower model name changes/consolidation to USF 100, 300, 400, 500 series
- Model CSW was changed to USF-500 series
- Model USFD was changed to USF-100 series

Fume Exhaust

- Vektor® fans redundancy consolidation: N+1 and N-1 concept
- Plume concentration modeling: Shows how plume disperses downstream

Dampers

- Revit® content is available for automatic balancing dampers (ABD)
- Performance selection available for SMD-401 and 401M models (can enter volume, velocity or pressure drop)
- Drive axle quantity selection for HCD-1xx series

Louvers

- New 5½-inch deep dual module wind driven rain model EHV-550: Horizontal front blades w/vertical rear blades
- Submittal drawings are available for models ESD-635D and EHH-601D
- Models FSG-801, EVH-602, EVH-301, EDJ-430, AFJ-601D and EACN-601 are being obsoleted (better performing/priced units are available)

DOAS – Dedicated Outdoor Air Systems

- RV/E unit warranties lengthened by six months and added option for unit warranty to commence upon startup
- Voltage and duct connection selections have been rearranged to improve the selection process in CAPS
- Updated energy wheel and glycol water coil performance data is available. This data is more accurate, but may result in differences when converting old files to 4.30

Make-Up Air

- New IGX mixed flow fans: Full offering up to 16,000 cfm with up to 50% BHP savings
- Added packaged DX cooling on DG models
- High wind (NOA) option on model MSF

Energy Recovery - Preconditioners

- ECV models have a new polymer membrane core (-PM nomenclature). This new core is AHRI certified, washable, offers improved thermal performance and increased airflow capacity up to 3,750 cfm
- MiniCore-5-VG has been discontinued and replaced by MiniCore-5-VG-FM, which uses a fiber membrane energy recovery core
- Models MiniVent and MiniCore are now available with an optional, non-fused, factory wired and mounted disconnect switch

Kitchen Ventilation Systems

- Fire ready hood selections are available for Canada now

Need assistance? Contact CAPS customer support at (715) 355-6523 or email at caps@greenheck.com