

TO: All Greenheck Representatives
FROM: Jay Haferbecker, CAPS Product Manager
DATE: December 1, 2020
SUBJECT: CAPS® 4.34 Announcement



CAPS® 4.34 will be released Monday, December 7 at 3:30 p.m. CST

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

General Program Improvements

Job Type and Construction Type must be answered before Pricing Worksheets or Discount Requests can be generated.

United States Manufactured New and Enhanced Products

Power Roof Ventilators (PRVs)

- New roof curb model GCC for metal building roofs
Added a replacement fan selection tool (type in mfr., model, and size => outputs optimal replacement)
- Added new coating option – Macropoxy with UV topcoat
- Expanded Vari-Green® offering to include single and three-phase motors 1 to 10 hp with TEFC enclosure
- Nomenclature change (reset G, GB, CUE, and CUBE sizes) – see [Bulletin 54-20](#)
- Added Kitchen Pass program (2-week lead time w/o premium) – must include UL-762 and a hood

Axial, Inline and HVLS Fans

- New mixed flow selection for the square inline fan model SQ – sizes 16 thru 33
- Vari Green expansion
 - Wall mounted axial model AER sizes 42/48 up through 7.5hp and sizes 54/60 up through 5 hp
 - Hooded rooftop models RE, RS, RCE3, and RCS3 can now have Vari-Green motors up through 5hp
 - Upblast propeller model RDU can now have Vari-Green motors up through 5 hp
 - Mixed flow square inline selections can now have Vari-Green motors
- Announcement of model ERD to be obsoleted in April 2021
- Updates to OSHPD offering (certification removed from level-1 SBE/SBS and certification added to AER)
- High volume, low speed (HVLS)
 - Added a payback calculator
 - Added bipolar ionization air cleaning option

Ceiling Exhaust Fans (Bathroom Fans)

- Redesigned grille (lighted and non-lighted) up to size A390 – see [Bulletin 55-20](#)
- Expanded ENERGY STAR® to more lighted sizes
- Expanded whole house ventilation to SP-B110ES

Centrifugal (Blowers and Plenums)

- Updated epoxy finishes
- Stainless steel option is now mill finish (no coating)
- Added Fan Energy Index (FEI)

Fume Exhaust, Vane Axial, and Tubular Inline Fans

- Added direct drive Vektor®-H selections – [see Bulletin 57-20](#)
- Expanded VAV lab controls, now on M, C and H series Vektor models
- Mixed flow direct drive inline model QEID
 - Added new low-cost 100 series selections
 - Renamed existing to 300 series
- Obsoleted mixed flow inline models EQD and EQB

Dampers

- New static curtain style fire damper KFD-150 and 350 models
- OFSD reduced min sleeve length – down to 12.125 inches
- Undersized transitions are no longer required on many smoke and fire smoke dampers between 6 and 7.999 in. wide
- Added ABD 8-inch diameter valve
- Added replacement grill option for automatic balancing dampers
- Added Honeywell Diamond series actuators for control dampers

Louvers

- New 6-inch extruded aluminum high performance stationary louver model ESD-635HP – [see Bulletin 56-20](#)
- Added ability to import from spreadsheet into CAPS
- Added submittal drawings to adjustable and combination models

Kitchen Ventilation Systems (KVS)

- Added Kitchen Pass program (2-week lead time w/o premium)
- Updated reports for the Grease Trapper ESP
- Fire Ready hood, model GRRS, now available on a 10-day QB and has an auto-generated field hook up sub-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)

- Base package discount available for select DGX units
- Increased DGX-H12 airflow capabilities up to 5,000 cfm with new fan model P116-H12-MF
- Added LP for DGX-H12 units selected as variable air volume (VAV)
- Added Kitchen Pass program (2-week lead time w/o premium) when ordered with a kitchen hood.

Energy Recovery – Preconditioners (ERV)

- Redesigned ECV-20 and -30 – [see Bulletin 58-20](#)
- Optional MERV 13 filters for MiniCore, MiniVent, and ERV-10 under 500 cfm

India/GIN Manufactured New and Enhanced Products

- New high volume, low speed fan (HVLS), model DS-M3. Available from 16 ft. to 24 ft. and up to 300,555 cmh (176,900 cfm).
- New pre-engineered high plume fume exhaust fan, model FJ-M. Available from 315mm to 710mm. Spark resistant construction and up to 28,883 CMH (17,000 cfm) and 1,443 Pa (5.8 in. wg)
- Commercial grade plenum fan, model APM-M is a compact and economical design with an airfoil wheel. Available from 400mm to 710mm and up to 36,000 cmh (21,200 cfm) and 1,860 Pa (7.5 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.