

Bulletin: 16-21

TO: All Greenheck Representatives
FROM: Jay Haferbecker, CAPS Product Manager
DATE: March 30, 2021
SUBJECT: CAPS® 4.35 Announcement



CAPS® 4.35 will be released Monday, April 5 at 3:30 p.m. CDT

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

United States Manufactured New and Enhanced Products

Power Roof Ventilators (PRVs)

- Expanded the model GCC metal building/standing seam curb to 250 inches
- New pipe portal products (up to 4 ports per curb)
- New Vari-Green® control, HOA – hand/off/auto
- New hinge options for G/GB/CUE/CUBE sizes 60-200 – [Learn More](#)
- Ship loose option added for curb seal and clean-out port
- Replace-a-fan tool now includes belt drive replacements, input motor specs, and more competitors added to the database
- Discontinued 2-speed induction motors – use 2-speed VG/VGD options instead
- Discontinued *mounted and wired* option for speed controllers
- Multiple curb caps sizes are available on CUE/CUBE-99-130 – 19 and 22 inch
- Updated temp/humidity Vari-Green control to a modern form factor

Axial, Inline and HVLS Fans

- Vari-Green expansion to include wall mounted model AER, sizes 54 and 60 to include 7.5 and 10 hp
- Expanded upblast model RBUMO performance from 61,800 to 68,000 cfm
- Discontinued recirculating roof mounted model ERD – [see bulletin 15-21](#)
- Square inline direct drive model SQ with mixed flow wheel, now have UL-705 and 15-day quick build option
- Models SQ and BSQ selections show up in the same sizing grid for comparison between belt, direct, speed controllers, VG, and VFDs
- High volume, low speed fans (HVLS)
 - Model DC-5 has 4 new sizes: 4.3, 5, 6, and 7-foot diameters
 - New factory certified service (FCS) option for offices who have participated in Greenheck's FCS training program
 - Airfoils displayed on separate line to reflect fan packaging

Ceiling Exhaust Fans (Bathroom Fans)

- Expanded the relaxed constraints feature to allow more competitive 80 to 110 cfm selections
- Ceiling radiation damper price re-alignment

Centrifugal (Blowers and Plenums)

- Plenum fans now have a Vari Green drive filtering option
- Model IP blowers are limited to 150 hp motors
- Model USF blower, series 500, now has a question and charge for vibration testing (defaults to “No”)
- Models IP and USF defaults to motor covers and shaft guards turned on where available
- Multiplier adjustments across all centrifugal models
- USF accessory list price adjustments

Fume Exhaust, Vane Axial, and Tubular Inline Fans

- Model AX has a reversible airflow option (same airflow in both directions)
- QEID-100 series is now available with Vari-Green motors
- 2-inch isolators are available on tubular inline models
- Vektor-M series has an enhanced wind load rating
- Pricing adjustments for all fume and tubular inline fans

Dampers

- Improved actuator ratings for 3,000 fpm selections (models FSD-311, 312, 331; SMD-301, 302; and OFSD-311, 312)
- Model OFSD min height is now 8 by 8 inches
- Duct heater models IDHB, IDHE and IDHE-O, have been moved to a new selection platform
- Model HBTR-151 is now available on 10-day quick build
- Added supplemental documents such as QA and testing, actuators, and blade seals to HBTR's and HBT-221
- List price increase for most heavy-duty dampers, decrease pricing for Belimo actuator models EFB24-S N4, EFCX120-S N4, and increase for NFB24-S, LMB24-S, AMX GMB actuators
- Discontinued several low volume options and features
- [See bulletin 07-21](#) for details regarding damper product updates

Louvers

- Model EVH-302 can now be manufactured down to 8 inches
- Model EAD-635 and 601 increased the max size to 120 inches
- Minimum sill depths adjustments
- Added custom color match for Kynar® for thinline louvers
- Added following models are automated submittal drawings; AFJ-601, AFA-801, AFJ-801, ESD-435X/635X, EHH-501X
- Sill pan design changes and vertical joint size changes to EHH-201, EHH-401, EHH-501 and EVH-501
- [See bulletin 14-21](#) for louver design enhancements

Kitchen Ventilation Systems (KVS)

- Product line simplification to reduce complexity and increase effectiveness
- Grease Trapper, model GFPS, redesign (improved aesthetics, slight dim changes, additional filters on size 30)
- For fire suppression, can now configure and order gas valves on a separate mark
- Price adjustments on hoods, controls, and Utility Distribution Systems

Dedicated Outdoor Air Systems (DOAS) - [Join us for a webinar covering what's new in CAPS](#)

[4.35](#)

- New model RV-10 is available down to 500 cfm and 3 tons of packaged cooling
- Added optional UV Lights and bipolar ionization for air disinfection
- Optional aluminum energy recovery wheels available on the RVE
- Quick Build Checkbox in CAPS suppresses options that are not available for quick build

Make-Up Air (MUA) - [Join us for a webinar covering what's new in CAPS 4.35](#)

- Expanded base package offering to the DGX-H22
- Increased airflows on DGX&MSX H22-MF up to 9000 cfm and MSX-H12-MF up to 5,000 cfm
- DGX-H22 now selectable with liquid propane for VAV arrangements
- External VFD is now selectable for units DGX, IGX, MSX housing sizes H05, H12, and H22
- IGX room control is now available with terminal strip or remote panel selections
- Increased PDX airflow to 8100 cfm

Energy Recovery – Preconditioners (ERV) - [Join us for a webinar covering what's new in CAPS 4.35](#)

- Cooling enable discharge control through an external chilled water or split direct expansion (DX) coil (provided by others)
- Factory mounted and wired airflow monitors
- Radiated sounds data for the models ECV-20 and -30
- Increase motor HP offering on models MiniCore-10 and ECV-10

India/GIN Manufactured New and Enhanced Products

- New model AER-M - direct drive fan designed for wall mounted clean air applications. Available in 4 sizes ranging from 500 mm to 900 mm. [See bulletin](#) for more information.
 - Capacities up to 49,390 cmh (29,070 cfm)
 - Up to 610 Pa (2.45 in. wg)
- Model CSB has a grease option available
- Model RA Series (RA & RA-3)
 - Vertical installation section extended to 1600 with 225 frame limits (only RA)
 - Horizontal ceiling mount extended to 1600 (only RA)
 - Hot-dipped galvanize and Hi-Pro Polyester coatings offered (only RA-3)
 - Air over motor cooling selection capability available (only RA-3)
 - F300 manufacturer certified (only RA-3)

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.