



Bulletin No. 2023097

DATE: October 9, 2023
TO: Authorized ANSUL® Distributors
FROM: Product Management - Portables
SUBJECT: CLEANGUARD+ New Product Launch

As a leader in fire protection technology and application, Johnson Controls is proud to develop solutions that work toward a sustainable tomorrow. We are pleased to announce our next generation of clean agent fire extinguishers; CLEANGUARD+.

Building on our passion to create smarter, healthier, and more sustainable tomorrows, our team has developed the next generation of clean agent portable extinguishers. Our new CLEANGUARD+ extinguishers are compliant with the American Innovation and Manufacturing (AIM) Act of 2020, which implements requirements to phase down production, consumption, and transition away from the use of hydrofluorocarbons (HFCs).

The new generation of CLEANGUARD+ models, CA03, CA07, CA13 and CA14-NM utilize electrically non-conductive, FK-5-1-12 agent and feature:

- Zero Ozone Depletion Potential (ODP)
- Global Warming Potential (GWP) less than 1
- One-week Atmospheric Lifespan

For commercial and industrial facilities that contain sensitive and/or irreplaceable equipment, CLEANGUARD+ extinguishers are residue-free, corrosion-resistant and require no clean-up after discharge. The low toxicity of the FK-5-1-12 agent also means that these products can be safely discharged in smaller spaces compared to other agents in use in the fire protection industry.

The new line of CLEANGUARD+ extinguishers utilize similar hardware as legacy CLEANGUARD products. The most notable differences in the new lineup of extinguishers are with the CA13 and CA14-NM models. Legacy products used a larger diameter / height cylinder. The CA13 model will now have the same diameter as the SENTRY 10S shell, thus allowing a better fitment within fire extinguisher cabinets. The new CA14-NM extinguisher now has a TESLA rating of 7.0 and is available in a much shorter size to assist with limited space applications. All models have QR coded model and UL / ULC serial numbers to simplify inspection and maintenance record keeping.

The CLEANGUARD+ products are compliant with the Department of Transportation (DOT) as the agent is classified as a liquid and will ship as UN1044 or Limited Quantity as permitted by 49 CFR 173.309 – Fire Extinguishers.

This bulletin also serves as formal notification that the current CLEANGUARD products (FE02VB, FE05S, FE09, and FE13-NM) are being discontinued and the new models will serve as their functional replacement, effective October 9, 2023.

Main Telephone Number: +1-800-862-6785 or +1-715-735-7415

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The 429022 FE-13 model will still be produced to provide a 2A rated option when using for primary protection with occupancy rating requirements instead of supplemental application.

Please review the affected products and their replacements below.

Table 1: Affected Products

Affected Product Description (Fire Class Rating)	Replacement Product Description (Fire Class Rating)
FE02VB (2-B:C)	CA03VB (2-B:C)
FE05S (5-B:C)	CA07 (5-B:C)
FE09 (1-A:10-B:C)	CA13 (1-A:10-B:C)
FE13-NM (1-A:10-B:C)	CA14-NM (1-A:10-B:C)

*FE13 (2-A:10-B:C) will remain available until the replacement is released for sale at a later date

Table 2: Discontinued Replacement Parts (effective October 9, 2023)*

Part Number (Domestic / International)	Description
Extinguishers	
429107 / 447953	FE02VB
442255 / 447954	FE05S
429021 / 447955	FE09
432893 / 433214	FE13-NM
Field Replacement Parts*	
Part Number	Description
442353	Hose Assembly, FE05S
428743	Hose Assembly, FE09, FE13
449906	Hose Assembly, FE13 NM
429090	FE02 Valve Assembly
442366	FE05S Valve Assembly
429092	FE09 Valve Assembly
432896	FE13 NM Valve Assembly
429685	Replacement Nameplate, FE02VB
429686	Replacement Nameplate, FE05
429687	Replacement Nameplate, FE09
422817	50# Recharge Tank, HFC-236fa

*Field replacement parts for Legacy CleanGuard will remain available until October 2030

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Table 3: New Product (replacement) Part Numbers

Part Number (Domestic / International)	Description
Extinguishers	
443475 / 443577	CA03VB
443476 / 443578	CA07
443477 / 443579	CA13
443479 / 443580	CA14-NM
Field Replacement Parts*	
A16381WU9T	CA03 Valve Assembly
A16381WU9V	CA07 Valve Assembly
A16381WU9W	CA13 Valve Assembly
A16381WUA0	CA14-NM Valve Assembly
443485	CA03VB Nozzle Tip Assembly
443491	CA07 Hose Assembly
443493	CA13 Hose Assembly
443494	CA14-NM Hose Assembly
445054	Recharge Tank Assembly, FK-5-1-12, 50 lb

*Note: Latest prices can be found at solutionnavigator.com

Instructions on finding CLEANGUARD+ data sheets and manuals on Solution Navigator:

1. Log in to Solution Navigator
2. Select Literature Search & Download
3. Select **SENTRY/CLEANGUARD/K-Guard Extinguishers** from the Product Family drop-down list
4. Select **SENTRY/CLEANGUARD/K-Guard Extinguishers** from the Product Lines drop-down list
5. Click **Search**
6. Locate the correct literature for the model(s)

A dedicated Operation, Recharge, Inspection, and Maintenance Manual for CLEANGUARD+ Hand Portable Fire Extinguishers (Part No. 443576) is available as well.

Thank you for your continued support. Should you have any questions or wish to place an order, please contact your Territory Sales Manager or Technical Services as noted below.

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