



PRODUCT MARKETING NEWS

G-NP-FN-2110

Date: October 15, 2021

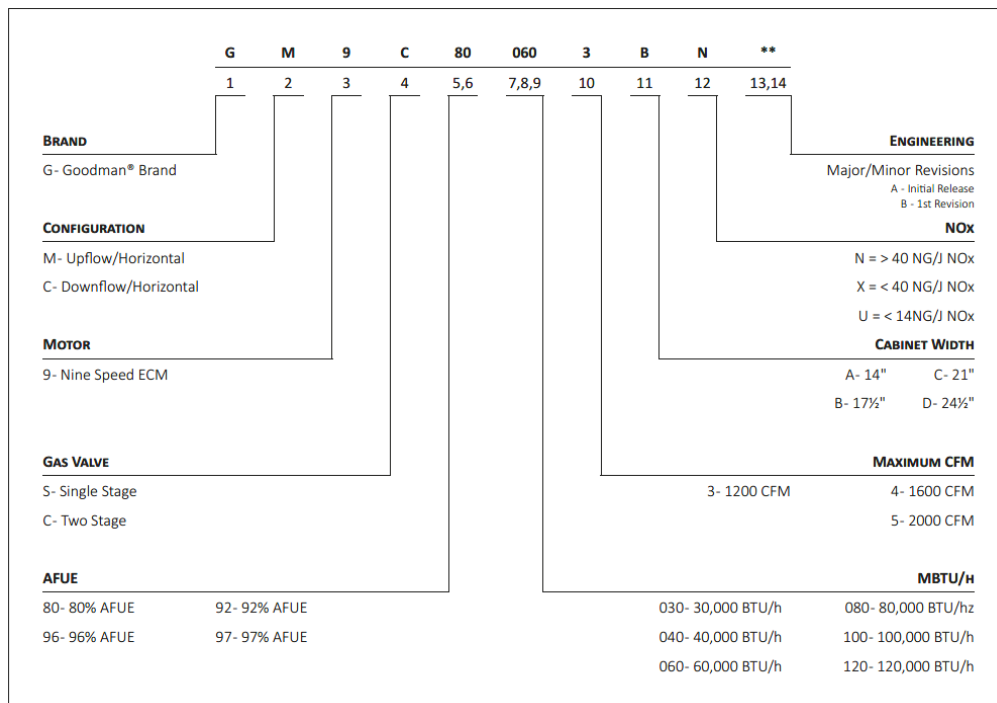
To: Goodman® brand Sales and Distribution

From: Shiblee Noman, Sr. Product Manager - Gas Furnace

Subject: New 9-Speed ECM Motors for 80% and 90% AFUE, 1- and 2-Stage Gas Furnaces

Goodman® is pleased to announce the launch of the new 80% and 90% AFUE, 1-stage and 2-stage, multi-speed gas furnace models, now featuring a new 9-speed ECM blower motor compared to the previous 5-speed models. All new models are distinguishable with the “9” (9-speed tap) nomenclature in the model number.

Nomenclature



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80% AFUE, 1-Stage, Multi-Speed, Gas Furnace Models (Current and New Models)

Upflow/Horizontal (Left and Right)	
GMES80 (Current 5 Speed)	GM9S80 (NEW 9 Speed)
GMES800403AN	GM9S800403AN
GMES800403AX	GM9S800403AX
GMES800603AN	GM9S800603AN
GMES800603AX	GM9S800603AX
GMES800603BN	GM9S800603BN
GMES800603BX	GM9S800603BX
GMES800604BN	GM9S800604BN
GMES800604BX	GM9S800604BX
GMES800803BN	GM9S800803BN
GMES800803BX	GM9S800803BX
GMES800804BN	GM9S800804BN
GMES800804BX	GM9S800804BX
GMES800804CN	GM9S800804CN
GMES800804CX	GM9S800804CX
GMES800805CN	GM9S800805CN
GMES800805CX	GM9S800805CX
GMES801005CN	GM9S801005CN
GMES801005CX	GM9S801005CX
GMES801205DN	GM9S801205DN

Downflow/Horizontal (Left and Right)	
GCES80 (Current 5 Speed)	GC9S80 (NEW 9 Speed)
GCES800403AN	GC9S800403AN
GCES800403AX	GC9S800403AX
GCES800603AN	GC9S800603AN
GCES800603AX	GC9S800603AX
GCES800804BN	GC9S800804BN
GCES800804BX	GC9S800804BX
GCES800805CX	GC9S800805CX
GCES801005CN	GC9S801005CN
GCES801005CX	GC9S801005CX

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80% AFUE, 2-Stage, Multi-Speed, Gas Furnace Models (Current and New Models)

Upflow/Horizontal (Left and Right)	
GMEC80 (Current 5 Speed)	GM9C80 (NEW 9 Speed)
GMEC800403AN	GM9C800403AN
GMEC800403AX	GM9C800403AX
GMEC800603AN	GM9C800603AN
GMEC800603AX	GM9C800603AX
GMEC800603BN	GM9C800603BN
GMEC800603BX	GM9C800603BX
GMEC800803BN	GM9C800803BN
GMEC800803BX	GM9C800803BX
GMEC800804BN	GM9C800804BN
GMEC800804BX	GM9C800804BX
GMEC800804CN	GM9C800804CN
GMEC800804CX	GM9C800804CX
GMEC800805CN	GM9C800805CN
GMEC800805CX	GM9C800805CX
GMEC800805DX	GM9C800805DX
GMEC801004CN	GM9C801004CN
GMEC801005CN	GM9C801005CN
GMEC801005CX	GM9C801005CX
GMEC801205DN	GM9C801205DN

Downflow/Horizontal (Left and Right)	
GCEC80 (Current 5 Speed)	GC9C80 (NEW 9 Speed)
GCEC800403AX	GC9C800403AX
GCEC800603AX	GC9C800603AX
GCEC800603BX	GC9C800603BX
GCEC800804BX	GC9C800804BX
GCEC800805CX	GC9C800805CX
GCEC801005CX	GC9C801005CX

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90% AFUE, 1-Stage, Multi-Speed, Gas Furnace Models (Current and New Models)

Upflow/Horizontal (Left and Right)	
GMES90 (Current 5 Speed)	GM9S90 (NEW 9 Speed)
GMES920403AN	GM9S920403AN
GMES920603BN	GM9S920603BN
GMES920803BN	GM9S920803BN
GMES920804CN	GM9S920804CN
GMES920805CN	GM9S920805CN
GMES921004CN	GM9S921004CN
GMES921005CN	GM9S921005CN
GMES921205DN	GM9S921205DN
GMES960403AN	GM9S960403AN
GMES960603BN	GM9S960603BN
GMES960803BN	GM9S960803BN
GMES960804CN	GM9S960804CN
GMES960805CN	GM9S960805CN
GMES961005CN	GM9S961005CN
GMES961205DN	GM9S961205DN

Downflow/Horizontal (Left and Right)	
GCE90 (Current 5 Speed)	GC9S90 (NEW 9 Speed)
GCE960403BN	GC9S960403BN
GCE960603BN	GC9S960603BN
GCE960804CN	GC9S960804CN
GCE961005CN	GC9S961005CN
GCE961205DN	GC9S961205DN

90% AFUE, 2-Stage, Multi-Speed, Gas Furnace Models (Current and New Models)

Upflow/Horizontal (Left and Right)	
GMEC90 (Current 5 Speed)	GM9C90 (NEW 9 Speed)
GMEC960303AN	GM9C960303AN
GMEC960403AN	GM9C960403AN
GMEC960603AN	GM9C960603AN
GMEC960603BN	GM9C960603BN
GMEC960803BN	GM9C960803BN
GMEC960804CN	GM9C960804CN
GMEC961004CN	GM9C961004CN
GMEC961005CN	GM9C961005CN
GMEC961205DN	GM9C961205DN

Downflow/Horizontal (Left and Right)	
GCEC90 (Current 5 Speed)	GC9C90 (NEW 9 Speed)
GCEC960403BN	GC9C960403BN
GCEC960603BN	GC9C960603BN
GCEC960803BN	GC9C960803BN
GCEC961005CN	GC9C961005CN

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Features

- A total of 9 multi-speed blower taps will be available compared to the previous 5 speeds. A new control board (PCBBF163, PCBBF164) will replace the previous control board supporting the 2023 DOE regulation change.
- PCBBF163 replaces PCBBF145
- PCBBF164 replaces PCBBF139
- This will support the 2023 DOE regulation change adapting our furnaces to have future connectivity with the upcoming generation of high-efficiency outdoor models.
- A 3-digit LED display with status codes will replace green and red flashing LED light for improved serviceability.
- Push buttons will replace DIP switches.
- The new control board will support compatibility with aftermarket Bluetooth® modules for wireless provisioning and diagnostics for future functionality.

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Existing Inventory Note: The existing inventory of the current models will be shipped to depletion prior to deployment of the new models. Once inventory of the current models is depleted, automatic substitutions to the new models will apply. Orders placed for new models before current model's inventory is depleted will have a hard substitution without notice for current models. Please contact your order services representative for questions.

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KEY RELEASE DATES AND INFORMATION

ITEM	AVAILABILITY DATE	DOCUMENT CODE			
		GM9S80 GC9S80	GM9C80 GC9C80	GM9S92 GM9S96 GC9S96	GM9C96 GC9C96
Sales Availability	N/A	November 2021	January 2022	December 2021	November 2021
Engineering Data / Spec Sheets	Available	SS-GM9S80 SS-GC9S80	SS-GM9C80 SS-GC9C80	SS-GM9S92 SS-GM9S96 SS-GC9S96	SS-GM9C96 SS-GC9C96
AHRI Ratings List	Available	<u>AHRI Directory</u>	<u>AHRI Directory</u>	<u>AHRI Directory</u>	<u>AHRI Directory</u>
Installation Manual	Available in PartnerLink	IOG-2030A	IOG-2026A	IOG-2029	IOG-2027A
Service Manual	Available in PartnerLink	RS6621008	RS6621007	RS6612022	RS6612020
Warranty	Available	PWGFURNSUNT	PWCFURNUQNT	PWGFURNSUNT	PWCFURNUQNT
Consumer Brochure	Spring 2022	CB-FURNACE	CB-FURNACE	CB-FURNACE	CB-FURNACE
Line Card	Spring 2022	PM-GLINE	PM-GLINE	PM-GLINE	PM-GLINE
Residential Catalog Update	Spring 2022	CT-GOODMAN	CT-GOODMAN	CT-GOODMAN	CT-GOODMAN
Technical Training Materials	January 2022	N/A	N/A	N/A	N/A

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