

Communicating Variable Speed Blower Drive

PIB #414 | 12/6/2024

In early November 2024, Allied introduced a new indoor blower drive to our communicating variable and modulating furnaces aimed at enhancing serviceability. Currently, this impacts upflow and horizontal, only. **Catalog numbers were not impacted, but a dash (-) number change was implemented to signify the change.** The first serial numbers featuring the updated indoor blower drive are listed in the table on Page 2 of this PIB. We will update the table in this PIB as the remaining models with the new blower drive are produced.

Whereas the current communicating ECM had the module attached to the back of the motor, the new design is two-piece with the blower drive now being mounted on the blower housing next to the integrated furnace control (IFC). While this looks different, the unit performance will be the same.

Additionally, repair parts, listed below, were simplified to ½ HP, ¾ HP, and 1HP motors for all three models and 3 blower drive modules. **Please note, the new motors are not backwards compatible.**



	Motor		Blower Drive	
	Cat #	Part #	Cat #	Part #
½ HP	20U01	620617-01	24M90	620616-04
¾ HP	20U02	105793-02	27J51	105940-01
1 HP	20U03	620617-03	24K06	620616-03

Check out our [FAQ](#) document for more information on how to service these new blower motors and drives. If you have any questions, please contact Allied Technical Services at 800-515-3501.



FAQs

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Catalog Number	New Model Number	First Serial Number
88W05	A80US2V070A12-06	5924L08100
88W06	A80US2V090B12-06	5924L19020
88W07	A80US2V090B16-06	5924L08200
88W08	A80US2V090C20-06	5924L08140
88W09	A80US2V110C20-06	5924L01640
88W10	A80US2V135D20-06	5924L25220
24Y03	A97US2V045B12S-03	5924L08313
24Y09	A97US2V070B12S-03	5924L06160
24Y10	A97US2V090C12S-03	5924L26641
24Y11	A97US2V090C16S-03	5924L02380
24Y12	A97US2V090C20S-03	5924L19080
24Y13	A97US2V110C16S-03	5924L06600
24Y14	A97US2V110C20S-03	5924L19040
24Y15	A97US2V135D20S-03	5924K12249
24X96	A98USMV070B12S-02	5924L08240
24X97	A98USMV090C12S-02	
24X98	A98USMV090C16S-02	5924L08220
24X99	A98USMV090C20S-02	
24Y01	A98USMV110C20S-02	5924L08340
24Y02	A98USMV135D20S-02	
Ultra LowNOx		Not Impacted