

Date: 01/10/2019

Subject: MF-C6A0 (MERV 13 Filter) Installation Requirements

Models: AM0\*\*NN4DCH/AA, AM0\*\*FN4DCH/AA

## MF-C6A0 (MERV 13 Filter) Installation Requirements

DVM S 4-way cassette units using the optional MF-C6A0 MERV 13 filter must be field configured to ensure required air volume is attained. This is accomplished by modifying the product option code of the indoor unit. There are 3 levels of increased air volume setting options (not including the factory default) available to meet project requirements.

- Pre filter (Basic), factory default - do not use with optional MERV 13 filter installed
- MERV 13 Basic air volume increase
- MERV 13 Step 1 air volume increase
- MERV 13 Step 2 air volume increase

Please note, the indoor unit MCA value will increase when using the MERV 13 product option code settings as as detailed in the table below.

### Minimum Circuit Amps (MCA) for MERV 13 product option code setting

	AM009NN4DCH/AA	AM012NN4DCH/AA	AM018NN4DCH/AA	AM024NN4DCH/AA	AM030NN4DCH/AA	AM036NN4DCH/AA	AM048NN4DCH/AA
<b>Basic Pre filter (factory)</b>	0.41A	0.41A	0.41A	0.41A	0.49A	0.49A	0.49A
<b>MERV 13 Basic</b>	0.48A	0.48A	0.48A	0.58A	0.83A	0.90A	1.19A
<b>MERV 13 Step 1</b>	0.54A	0.54A	0.54A	0.70A	1.19A	1.29A	1.40A
<b>MERV 13 Step 2</b>	0.70A	0.70A	0.70A	0.78A	1.55A	1.69A	1.69A

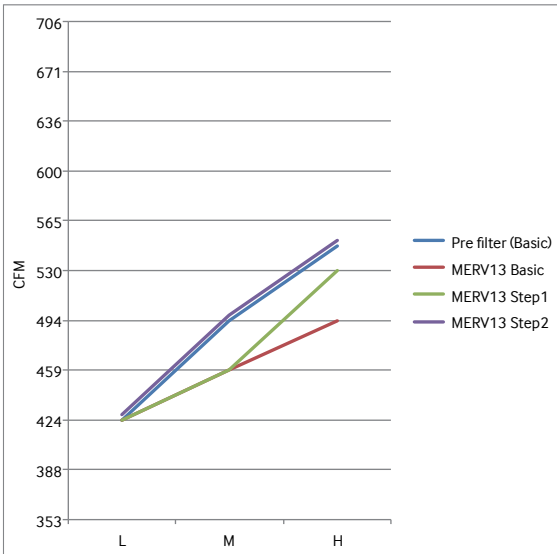
### Product Option Code Setting

Indoor unit product option codes can be modified via wireless remote controllers, wired controllers, and SNET Pro2 service software. Please refer to the indoor unit installation manuals for full details and procedure.

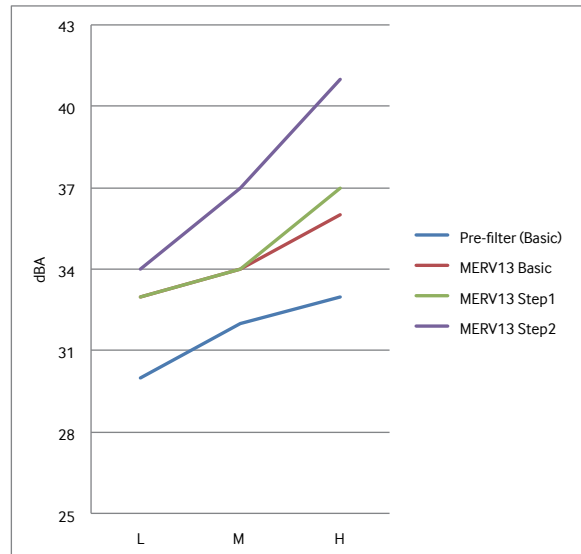
- When using a wireless remote, "page" numbers are not entered. Please be sure not to transmit the IR signal to other indoor units that may be in the vicinity of the indoor unit being programmed.
- When using a wired controller, the controller must be connected to only one indoor unit during the programming. The product option code can be accessed in the wired controller's "Service Mode". Please refer to the wired controller installation manual for menu settings.
- When using SNET Pro2 service software, a laptop and the MIM-C02N service tool (purchased separately) is required. SNET Pro2 software and driver can be downloaded from [www.samsunghvac.com](http://www.samsunghvac.com).

**AM009\*N4DCH/AA**

Air Volume (CFM)



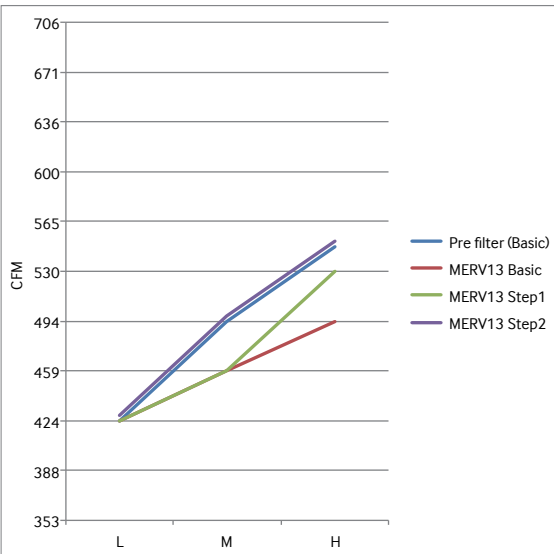
Sound Pressure (dBA)



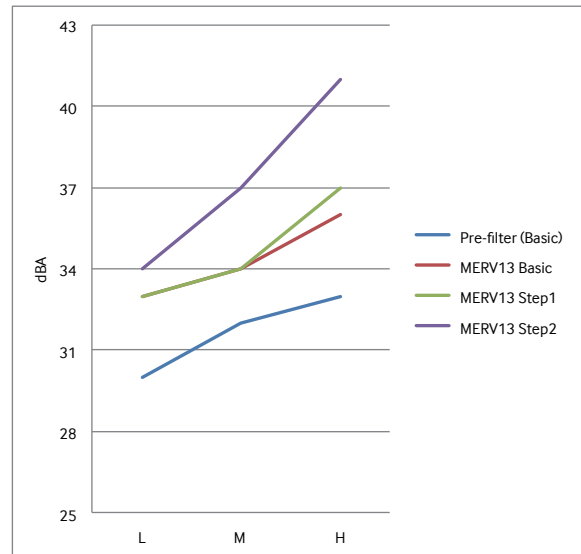
AM009*N4DCH/AA		
<b>Product Option Code</b>	Pre-filter (factory default)	01404F-195097-201A1A-330000
	MERV 13 (Basic)	01404F-1950CA-201A1A-330000
	MERV 13 (Step 1)	01404F-1950DA-201A1A-330000
	MERV 13 (Step 2)	01404F-1950EA-201A1A-330000

**AM012\*N4DCH/AA**

Air Volume (CFM)



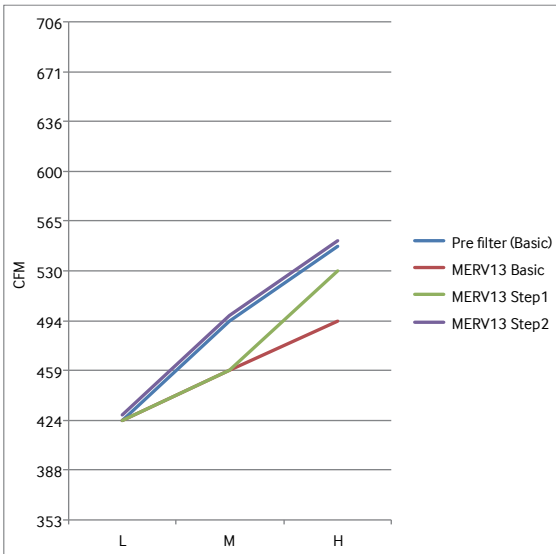
Sound Pressure (dBA)



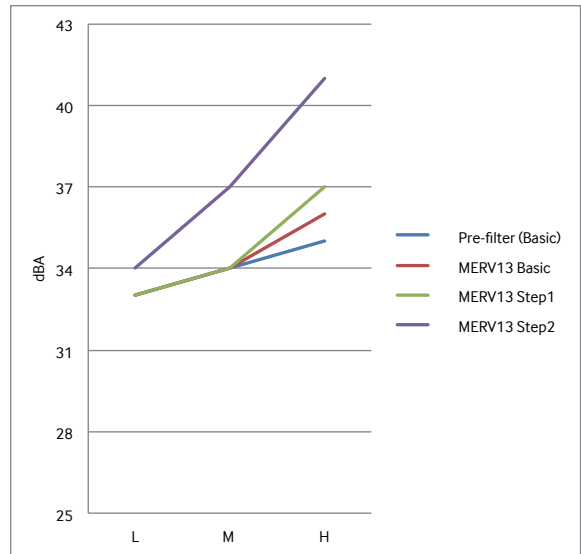
AM012*N4DCH/AA		
<b>Product Option Code</b>	Pre-filter (factory default)	01404F-195097-202323-330000
	MERV 13 (Basic)	01404F-1950CA-202323-330000
	MERV 13 (Step 1)	01404F-1950DA-202323-330000
	MERV 13 (Step 2)	01404F-1950EA-202323-330000

## AM018\*N4DCH/AA

Air Volume (CFM)



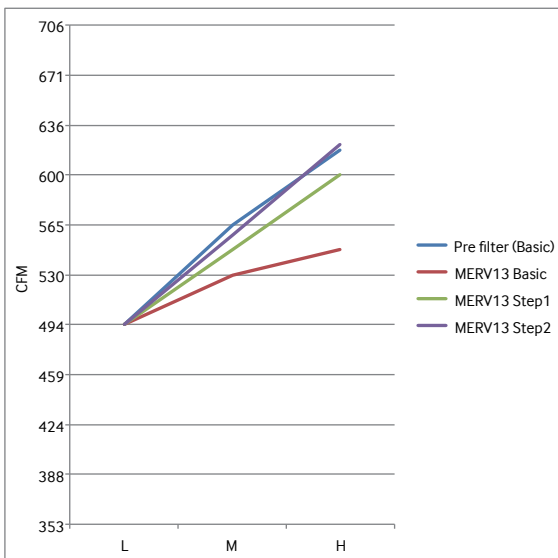
Sound Pressure (dBA)



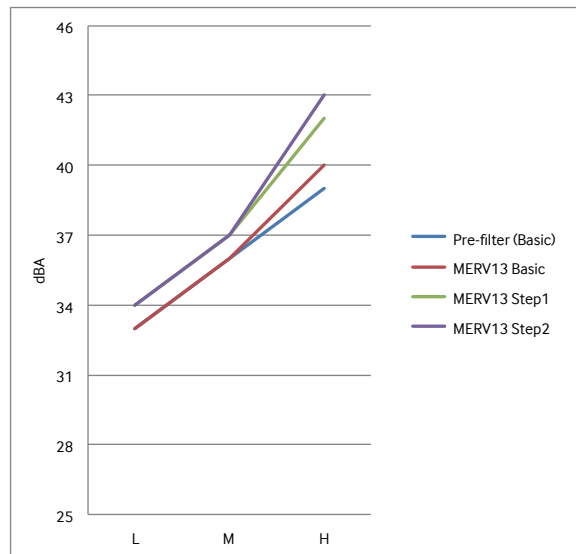
AM018*N4DCH/AA		
Product Option Code	Pre-filter (factory default)	01404F-195097-203434-330000
	MERV 13 (Basic)	01404F-1950CA-203434-330000
	MERV 13 (Step 1)	01404F-1950DA-203434-330000
	MERV 13 (Step 2)	01404F-1950EA-203434-330000

## AM024\*N4DCH/AA

Air Volume (CFM)



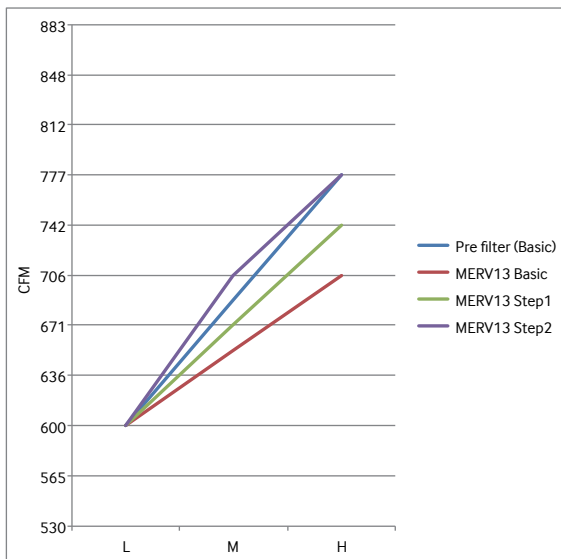
Sound Pressure (dBA)



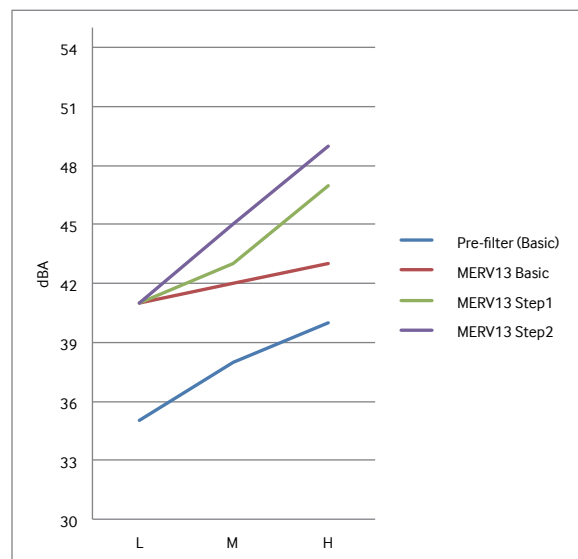
AM024*N4DCH/AA		
Product Option Code	Pre-filter (factory default)	01404F-1950C7-204848-330000
	MERV 13 (Basic)	01404F-1950EA-204848-330000
	MERV 13 (Step 1)	01404F-19540A-204848-330000
	MERV 13 (Step 2)	01404F-19541A-204848-330000

## AM030\*N4DCH/AA

Air Volume (CFM)



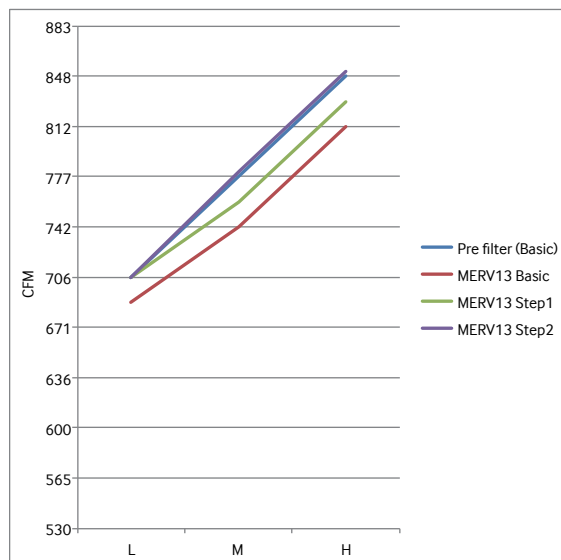
Sound Pressure (dBA)



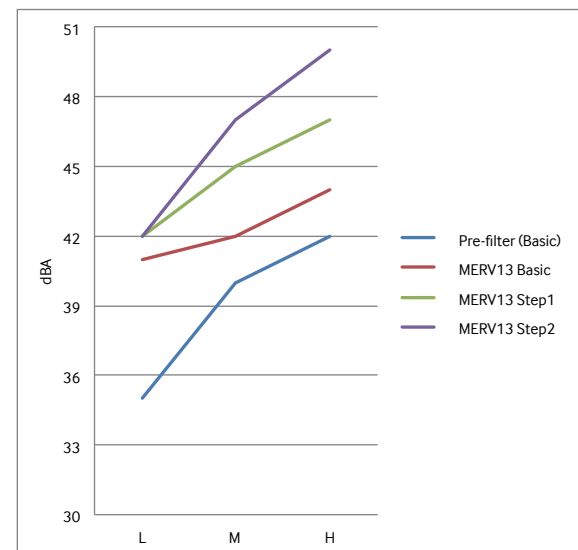
AM030*N4DCH/AA		
Product Option Code	Pre-filter (factory default)	01404F-195409-205A5A-330020
	MERV 13 (Basic)	01404F-19541F-205A5A-330020
	MERV 13 (Step 1)	01404F-19545F-205A5A-330020
	MERV 13 (Step 2)	01404F-19548F-205A5A-330020

## AM036\*N4DCH/AA

Air Volume (CFM)



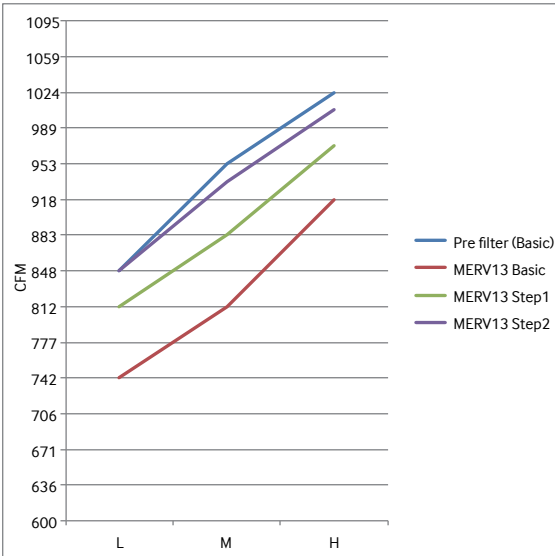
Sound Pressure (dBA)



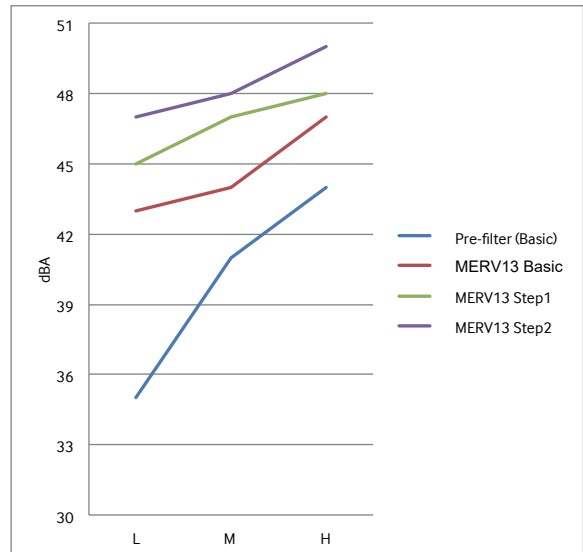
AM036*N4DCH/AA		
Product Option Code	Pre-filter (factory default)	01404F-19541B-206E6E-330020
	MERV 13 (Basic)	01404F-19542F-206E6E-330020
	MERV 13 (Step 1)	01404F-195560-206E6E-330020
	MERV 13 (Step 2)	01404F-195591-206E6E-330020

## AM048\*N4DCH/AA

Air Volume (CFM)



Sound Pressure (dBA)



AM048NN4DCH/AA		
Product Option Code	Pre-filter (factory default)	01404F-19544F-209191-330023
	MERV 13 (Basic)	01404F-195550-209191-330020
	MERV 13 (Step 1)	01404F-195573-209191-330021
	MERV 13 (Step 2)	01404F-195596-209191-330024

AM048FN4DCH/AA		
Product Option Code	Pre-filter (factory default)	01404F-19544F-209191-330020
	MERV 13 (Basic)	01404F-195550-209191-330020
	MERV 13 (Step 1)	01404F-195573-209191-330020
	MERV 13 (Step 2)	01404F-195596-209191-330020