

Job Name _____

Purchaser _____

Submitted to _____

Unit Designation _____

Location _____

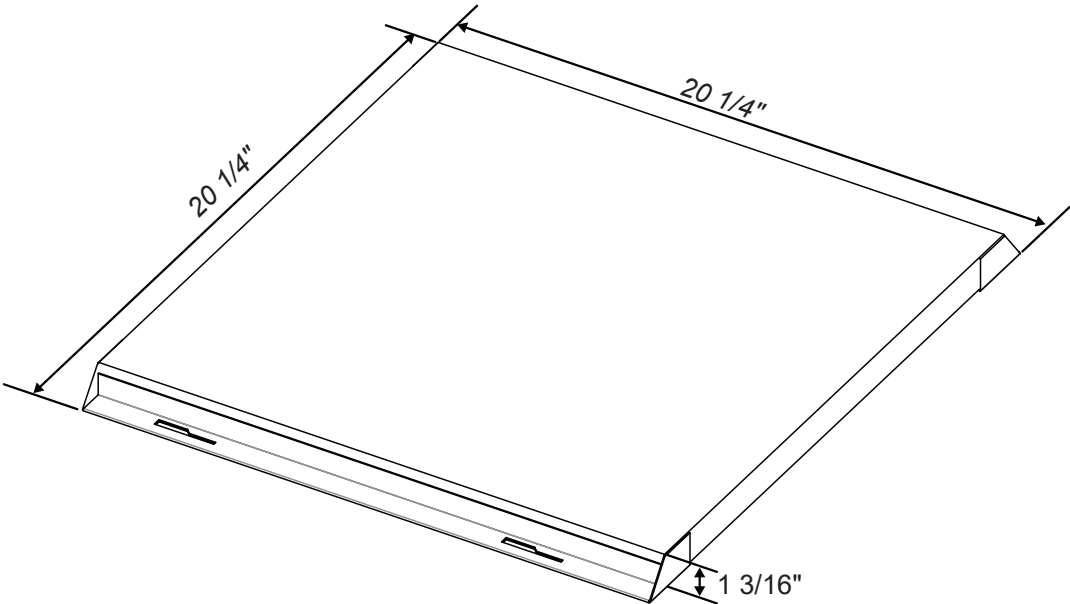
Engineer _____

Reference ☐ Approval ☐ Construction ☐

Schedule # _____

Description

- MERV 13 filter for Samsung DVM S 4-way cassette units (AM0**NN4DCH/AA, AM0**FN4DCH/AA, and AM0**RN4DCH/AA)
- Fits in fascia panel model numbers PC4NUFMAN, PC4NUFMUN, PC4NUSKFN, or PC4NUSKUN
- Quantity of 1 pleated filter per pack
- Product option code must be modified for required CFM setting when using a MF-C6A0 filter.
- Three fan RPM adjustment options are available and must be field configured. See CFM data on the following pages for details.
- Test method: ANSI/ASHRAE 52.2
(Flow rate: 847.56 CFM, Final pressure drop: 0.05 PSI)
- Composite average efficiencies:
E1: 73.0%, E2: 91.0%, E3: 98.0%
- Arrestance: 99.8%



Samsung HVAC maintains a policy of ongoing development,specifications are subject to change without notice.

The indoor unit product option code must be modified when using the MF-C6A0 (optional MERV 13 filter). There are three levels of increased air volume setting options available to meet project requirements.

- Pre filter (Basic): Factory default, not to be used with the 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 noted below.

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

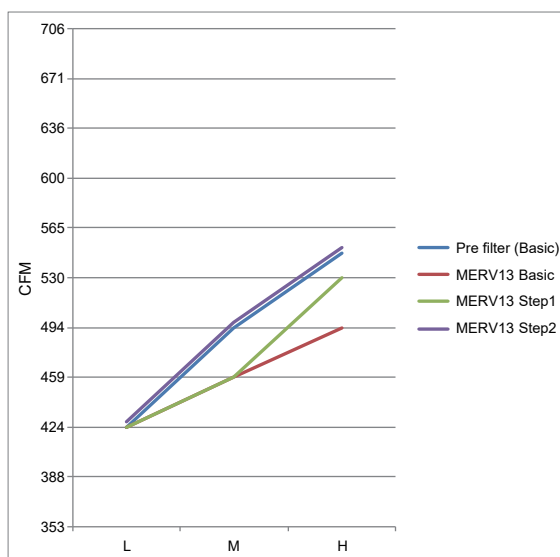
Model Number	Basic Pre Filter (factory)	MERV 13		
		Basic	Step 1	Step 2
AM006RN4DCH/AA	0.23A	0.31A	0.35A	0.38A
AM009RN4DCH/AA	0.23A	0.31A	0.35A	0.38A
AM012RN4DCH/AA	0.23A	0.31A	0.35A	0.38A
AM018RN4DCH/AA	0.32A	0.34A	0.47A	0.64A
AM024RN4DCH/AA	0.45A	0.47A	0.64A	0.78A
AM030RN4DCH/AA	0.51A	0.58A	0.64A	0.7A
AM036RN4DCH/AA	0.56A	0.58A	0.64A	0.7A
AM048RN4DCH/AA	0.76A	0.58A	0.64A	0.7A

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

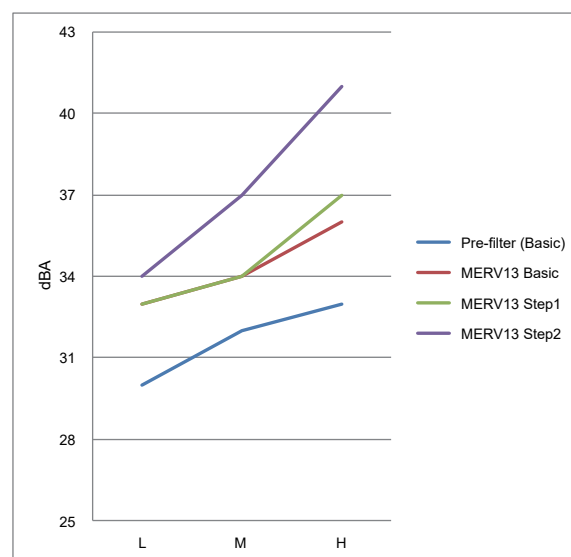
Air Volume Data for MERV 13 Product Option Code Setting

AM009F(N)N4DCH/AA

Air Volume (CFM)

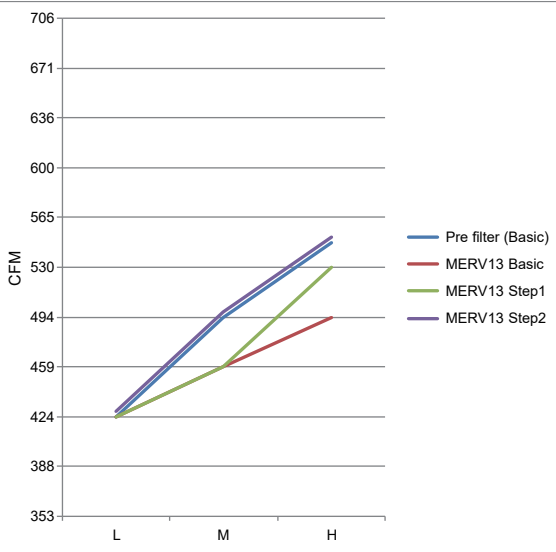


Sound Pressure (dBA)

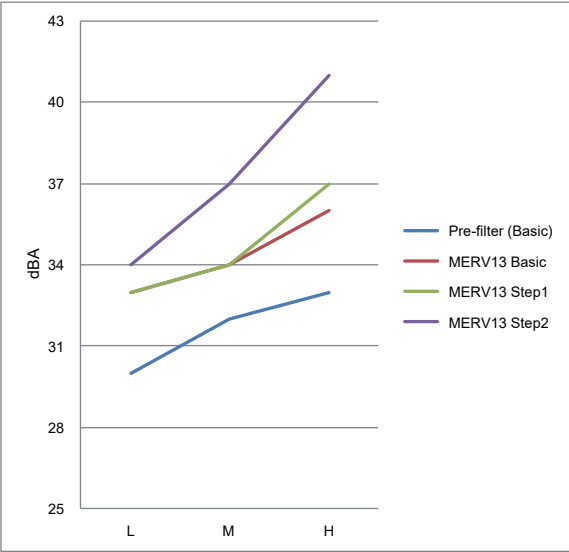


AM012F(N)N4DCH/AA

Air Volume (CFM)

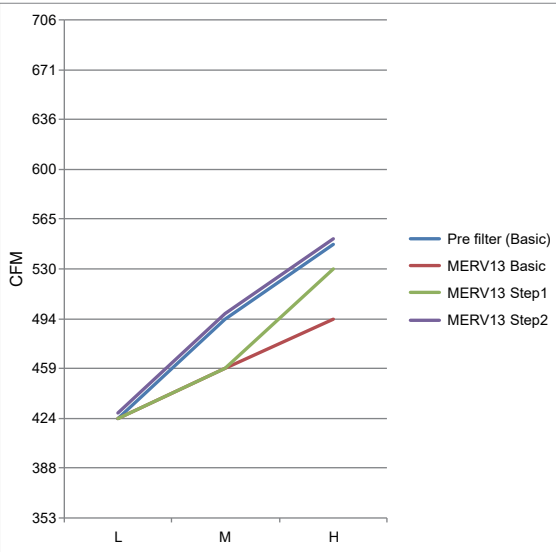


Sound Pressure (dBA)

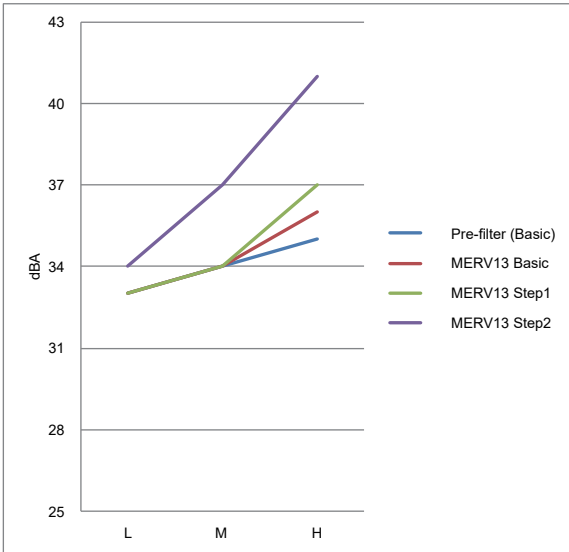


AM018F(N)N4DCH/AA

Air Volume (CFM)

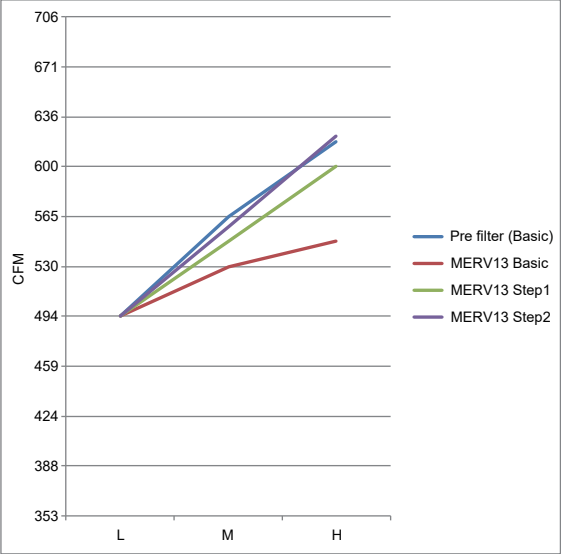


Sound Pressure (dBA)

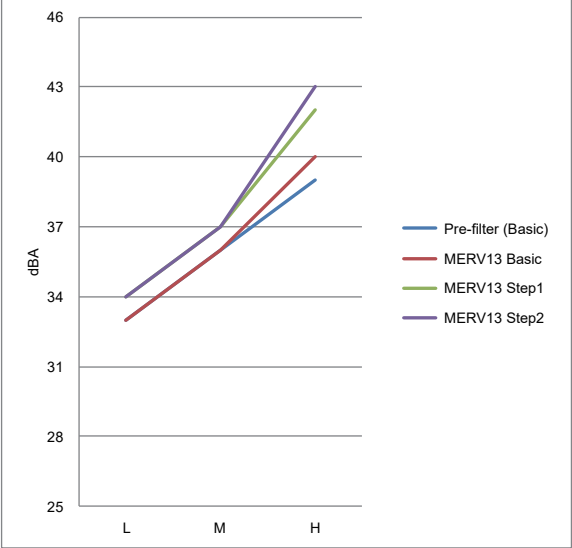


AM024F(N)N4DCH/AA

Air Volume (CFM)

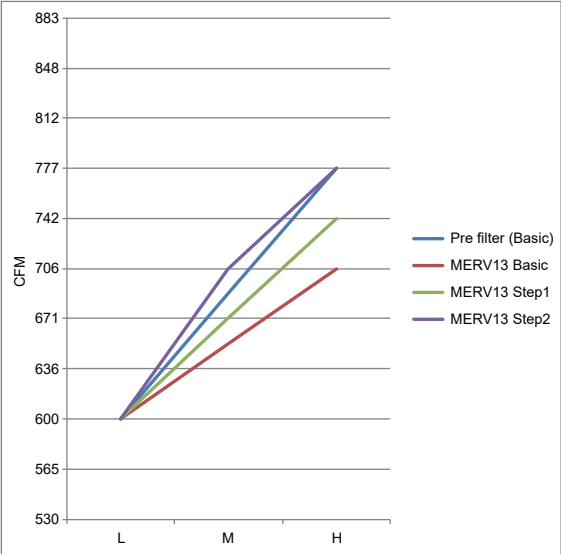


Sound Pressure (dBA)

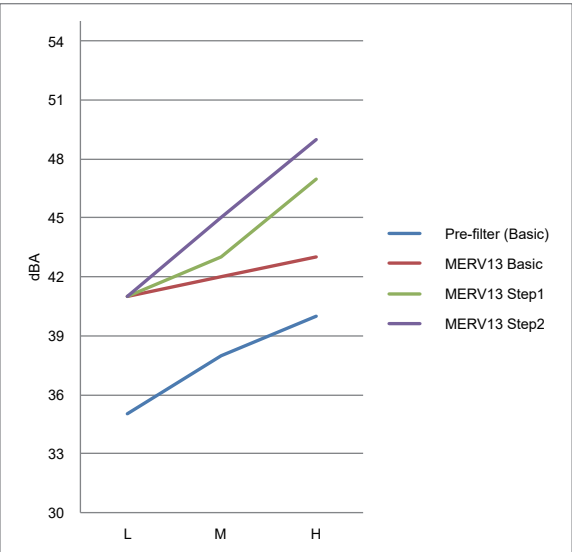


AM030F(N)N4DCH/AA

Air Volume (CFM)

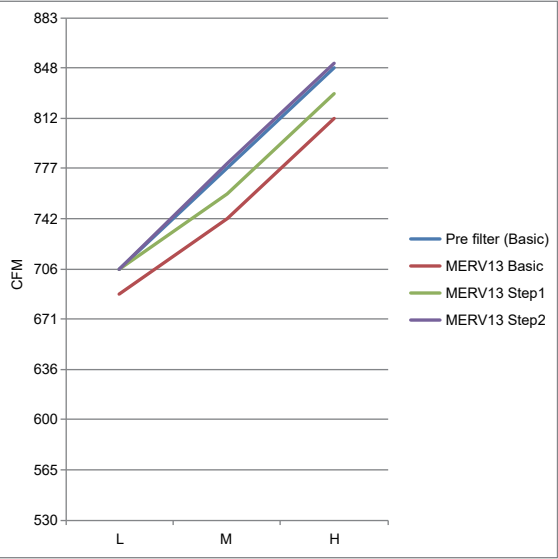


Sound Pressure (dBA)

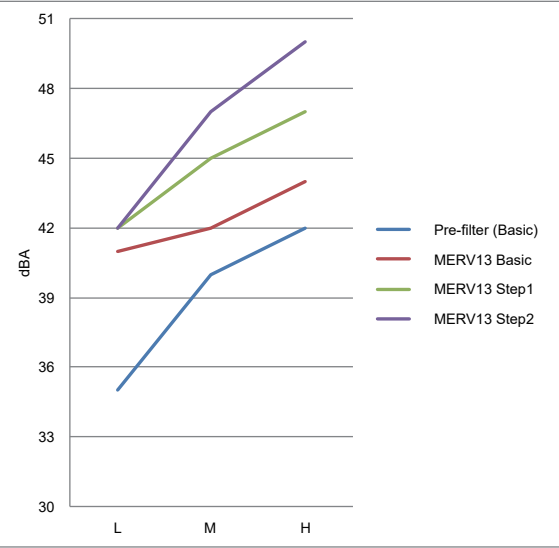


AM036F(N)N4DCH/AA

Air Volume (CFM)

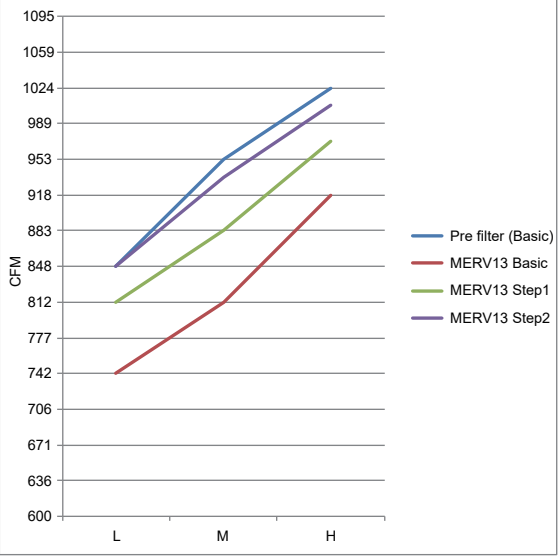


Sound Pressure (dBA)

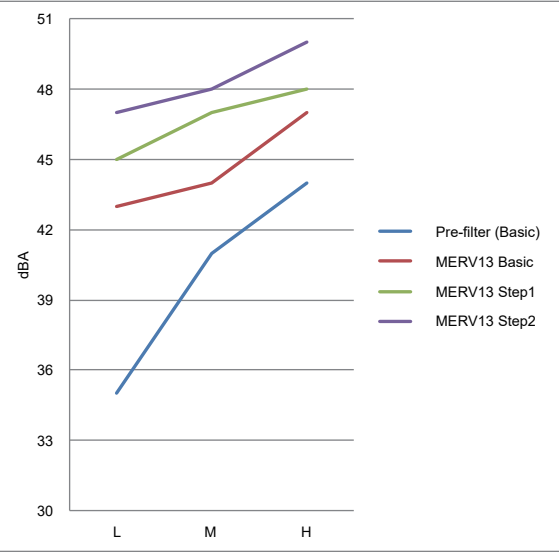


AM048F(N)N4DCH/AA

Air Volume (CFM)



Sound Pressure (dBA)



AM0**RN4DCH/AA Option Code Settings

Model	Basic Pre Filter (factory)	MERV 13		
		Basic	Step 1	Step 2
AM006RN4DCH/AA	01404F-195097-201212-330000	01404F-1590DB-201212-330000	01404F-1590EB-201212-330000	01404F-1590FB-201212-330000
AM009RN4DCH/AA	01404F-195097-201A1A-330000	01404F-1590DB-201A1A-330000	01404F-1590EB-201A1A-330000	01404F-1590FB-201A1A-330000
AM012RN4DCH/AA	01404F-195097-202323-330000	01404F-1590DB-202323-330000	01404F-1590EB-202323-330000	01404F-1590FB-202323-330000
AM018RN4DCH/AA	01404F-1950B5-203434-330010	01404F-1950CA-203434-330011	01404F-1950FA-203434-330011	01404F-19542A-203434-330011
AM024RN4DCH/AA	01404F-1950E7-204848-330010	01404F-1950FD-204848-330012	01404F-19542D-204848-330012	01404F-19544D-204848-330012
AM030RN4DCH/AA	01404F-195409-205A5A-330020	01404F-195520-205A5A-330023	01404F-195530-205A5A-330023	01404F-195540-205A5A-330023
AM036RN4DCH/AA	01404F-19541B-206E6E-330020	01404F-195520-206E6E-330021	01404F-195531-206E6E-330022	01404F-195542-206E6E-330023
AM048RN4DCH/AA	01404F-19544F-209191-330023	01404F-195520-209191-330020	01404F-195531-209191-330021	01404F-195542-209191-330022