

Date: 12/26/2018

Subject: DVM S Ceiling Cassette Fan RPM Compensation Setting

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

## DVM S Ceiling Cassette Fan RPM Compensation Setting

DVM S 4-way ceiling cassettes (mini and standard) can be programmed for increased fan CFM by modifying segment number 6 (Fan RPM Compensation) of the "02" installation option code. This option setting is generally used in high ceiling installations, but can also be used for projects that require higher CFM than the standard fan speed settings.

The installation option code can be modified via wireless remote control, wired controller, or SNET Pro2 service software (requires the MIM-C02N service tool). To enable the Fan RPM Compensation setting, change segment 6 from "0" (default) to "1". Please refer to the installation manuals for complete instructions for modifying the installation option code.

020010-100000-200000-300000  
Page number  
Option setting type
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Segment 6, Fan RPM compensation	
Value	Details
0 (Default)	Option not enabled
1	RPM compensation option enabled

Applied indoor unit		Recommended maximum ceiling height (ft.)	
		Value 0	Value 1
4Way	9,000-30,000 Btu/h	8.9	11.5
	36,000 Btu/h	12.1	12.8
	48,000 Btu/h	14.1	15.1
Mini 4Way	5,000 – 20,000 Btu/h	8.9	9.8

Airflow (CFM) when "Fan RPM Compensation" option is enabled

Model		High Ceiling CFM		
		L	M	H
Wind-Free™ Mini 4-Way	AM005NNNDCH/AA	265	283	318
	AM007NNNDCH/AA	265	335	371
	AM009NNNDCH/AA	300	353	388
	AM012NNNDCH/AA	335	371	424
	AM018NNNDCH/AA	371	424	477
	AM020NNNDCH/AA	406	468	491
Wind-Free™ 4-Way	AM009NN4DCH/AA	547	582	600
	AM012NN4DCH/AA	547	582	600
	AM018NN4DCH/AA	547	582	600
	AM024NN4DCH/AA	565	600	648
	AM030NN4DCH/AA	658	777	845
	AM036NN4DCH/AA	753	822	953
	AM048NN4DCH/AA	953	1000	1071

The Wind-Free™ unit delivers an air current that is under 0.15 m/s while in Wind Free mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).