

Date: 06/20/2017

Subject: Ventilator Output - CN804 Connection

Models: **DVM S - Horizontal Ducted, Cassette, Floor Standing, Ceiling**

AM0\*\*MN\*DCH/AA, AM0\*\*KN\*DCH/AA, AM0\*\*JN\*\*DCH/AA, AM0\*\*FNNDCH/AA, AM0\*\*FN4DCH/AA, AM0\*\*FNHDCH/AA, AM0\*\*FN1DCH/AA, AM0\*\*FNLDCH/AA, AM0\*\*FNCDCH/AA

**CAC - Horizontal Ducted, Cassette**

AC0\*\*KN\*DCH/AA, AC0\*\*JN\*DCH/AA, AC0\*\*MNHDC/AA

**FJM - Cassette**

AJ0\*\*JNNDCH/AA

## Application Note: Indoor Unit Ventilator Output Connection (CN804)

Many DVM S, CAC, and FJM indoor units have a ventilator output connection (CN804) on the Main PCB that provides 12VDC. This connection is energized when the indoor unit is ON, and can be utilized for a number of applications.

**\*\*Maximum 30mA (0.03A) can be applied to this connection\*\***

Indoor Unit is ON = 12VDC output

Indoor unit is OFF = 0VDC output

### How to Connect

Part number DB39-01263A (2-pin connection harness) must be used to allow connection to this output. This harness has (2) 2 pin plugs, with about 12" of wire. It can be cut in half and used for 2 separate indoor units that require the ventilator output connection. Configuration of the indoor unit option programming is not required.

### Examples of Use

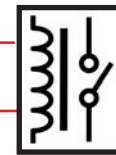
- aftermarket ionization modules
- damper control for fresh air
- electric air cleaner/filter

DB39-01263A  
Red wire: "+"  
Black wire: "-"

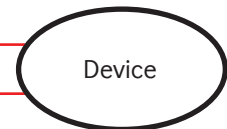


### Wiring example with relay (12VDC coil)

CN804 connection  
IDU ON = 12VDC  
**\*\*location varies depending on model\*\***



Relay  
12VDC coil



**\*\*CN804 Output can also be wired directly to a low current draw device - less than 30mA (0.03A)\*\***