

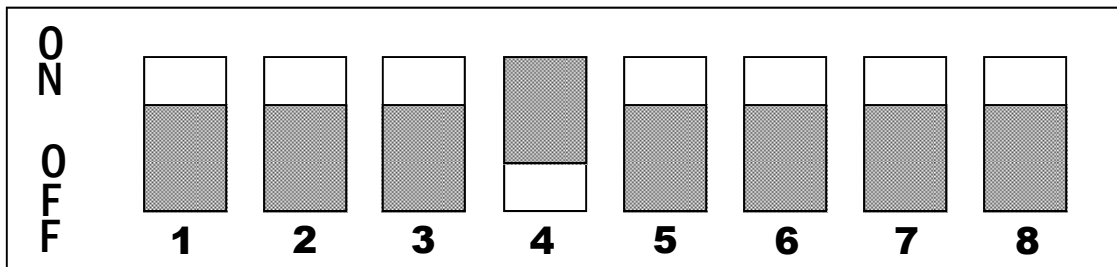
DIP SWITCH OVERVIEW

MBE Dip Switches AEPF

The air handler blower motors have been pre-programmed for operation at four distinct air flow levels when operating in the Cooling, Heat Pump Heating, Backup Heating (Electric Heating) and Backup + Heat Pump Heating modes. Each mode has four levels to deliver different CFM. Simply flip the dip switch and you can get a different CFM combination.

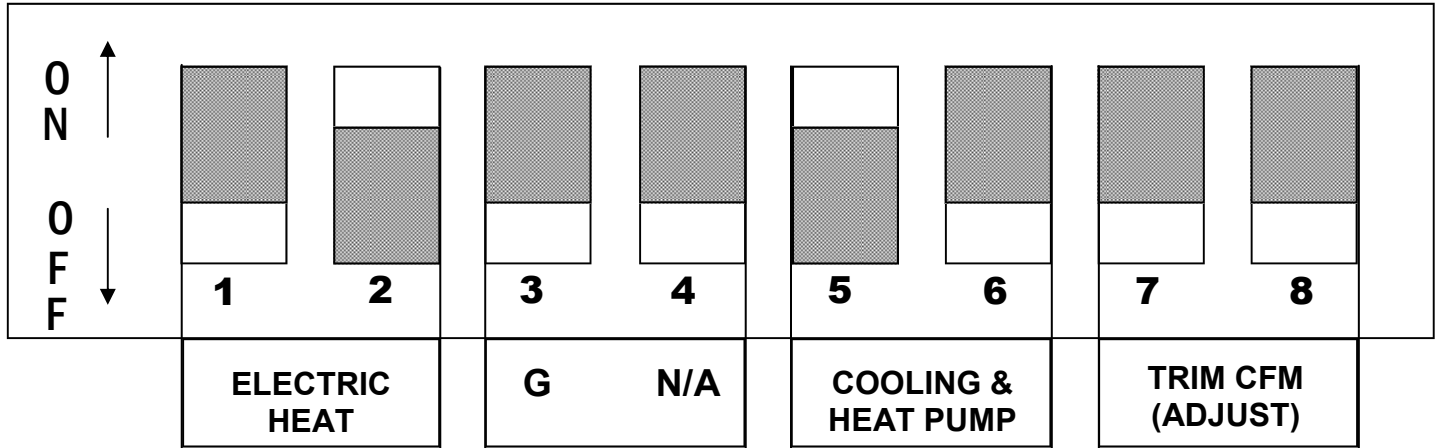
Setting Up Your Motor

As it is shipped from the factory, the air handler blower motor is set for maximum nominal cfm and single stage operation.



Dip Switch Number	Function	Instructions
1	Electric Heat Mode	Select the taps allowed in the tables on the following page.
2	Electric Heat Mode	
3	N/A	N/A
4	Thermostat Mode	<p>ON = The system operates with single-stage units using a single-stage cooling or heat pump thermostat. (Factory Default)</p> <p>OFF = The system operates with two-stage units with either a conventional two-stage cooling/heat pump thermostat or with an encoded two-stage thermostat for cooling operation. The encoded thermostats can be used with two-stage condensing units in retrofit applications where there aren't enough existing wires available for connections to the indoor thermostat and outdoor units.</p>
5	Cooling/Heat Pump Mode	Find the air flow for your application in the tables (Dip Switch 5/6). Set the motor based on the outdoor unit capacity tons.
6	Cooling/Heat Pump Mode	
7	Trim CFM Adjust Mode	<p>Increase or decrease your selected air flow to fit your requirement.</p> <p>ON-OFF = Increases selected Cool/Heat Pump air flow by 10%.</p> <p>OFF-ON = Decreases selected Cool/Heat Pump air flow by 15%.</p> <p>NOTE: Other settings have no effect on the set air flow.</p>
8	Trim CFM Adjust Mode	

Variable Speed Blower Cabinet



- ▶ The Electric Heat CFM Settings (#1 & #2 above) OVERRIDE the Heat Pump CFM Settings (#5 & #6) above. It is therefore important to set the Electric Heat CFM at the same or higher CFM setting as the Heat Pump.

- ▶ If both #7 & #8 are put in the ON position, there will be no delay nor ramp sequence and the blower will operate at its maximum RPM any time there's a call for blower operation.