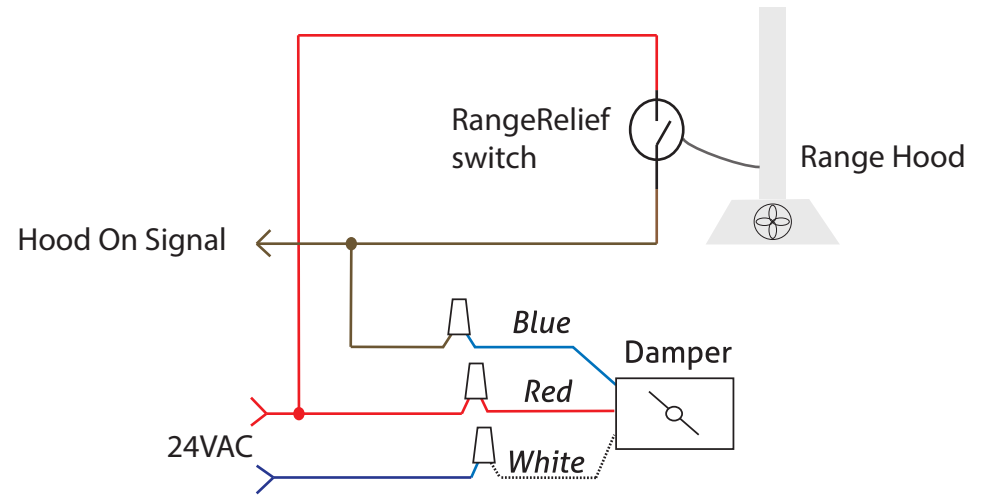
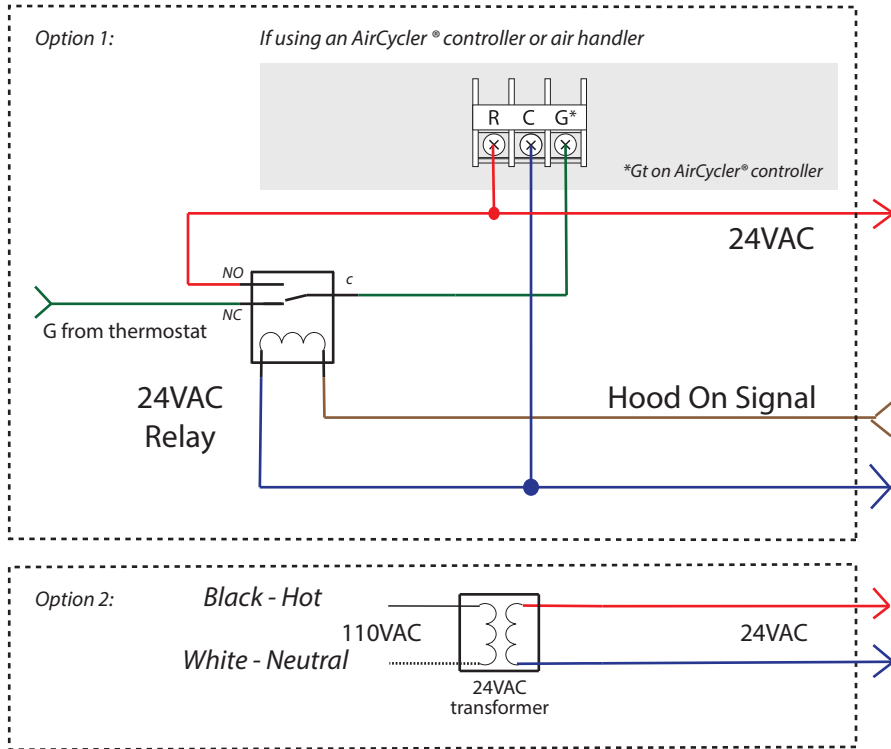


RangeRelief Installation Options



A mechanical ventilation solution to provide makeup air for a high flow kitchen range hood.
 Can be used as a stand alone installation where there is no existing motorized damper and forced air system.
 Can also be used with a forced air system and if used with an AirCycler® controller, operation of range hood counts towards whole house ventilation requirements.



KEY	
R - 24VAC Power	Hood On Signal
C - Common	

Option 1:

Use a standard SPDT 24VAC relay to force on the air handler fan and open a motorized damper any time the range hood is turned on.

If using an AirCycler® controller, that ventilation will count towards required ventilation time for that hour.

If not using an AirCycler® controller, connect common (C) terminal on relay to G terminal on air handler. Connect G terminal on thermostat to normally closed (NC) contact on relay and connect 24VAC (R) to normally open (NO) terminal on relay. Relay is energized along with damper from Hood On Signal when range hood is detected on.

Option 2:

Use a standard 24VAC transformer such as a door bell transformer to power the motorized damper.

Any time the range hood is turned on, the motorized damper will open, providing makeup air to the space.

Part No:	Description:
AC-RR	RangeRelief Pressure Switch
AC-FAD-04	4" Motorized Damper
AC-FAD-06	6" Motorized Damper
AC-FAD-08	8" Motorized Damper
AC-FAD-10	10" Motorized Damper