**Diagram #6B: Economizer** Circuit System to **Ventilate a Computer Server Room** using a cooling thermostat, an exhaust fan, overriding switches, an interface relay adaptor, a 24Vac transformer and a motorized 24Vac power close damper.

**1. Thermostat, 120Vac contact on temperature rise;**
**2. Ventilation Fan;**
**3. Overriding Switches, 120Vac;**
**4. Interface Relay Adaptor (ADP-1101-05A);**
**5. 24Vac Transformer**
**6. Fail-safe-open 24Vac Motorized Air Control Damper - Power Close (HAC-0x10-OPC where x= dia. of damper).**

OPERATION:
**1.** Cooling Stat on temperature rise will turn on Ventilation Fan and open Fresh Air Inlet Damper.
**2.** Manual inline overriding switch will turn on Ventilation Fan and open Fresh Air inlet Damper.
**3.** Secondary overriding switch to transformer will open Damper only.
**4.** Damper will Fail-Safe-Open in the event of power failure.

Check our web, damper type 'HCR', for our **Commercial Rooftop Economizer Damper**.

**Additional Colored Wiring diagrams are shown on the web at www.hoyme.com**