

Figure 8.1 Rooftop unit refrigeration cycle.

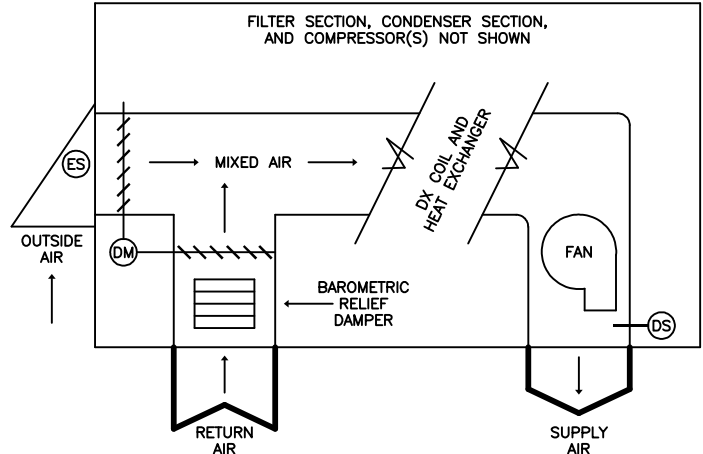


Figure 8.2 Diagram illustrating the economizer of a small packaged rooftop unit. Outside and return air dampers are operated by a single damper actuator. Enthalpy sensor and discharge air sensor are factory mounted and wired into the unit's integrated economizer controller. Relief damper allows air to escape during economizer cycles, when the return air damper can be partially to substantially closed.