

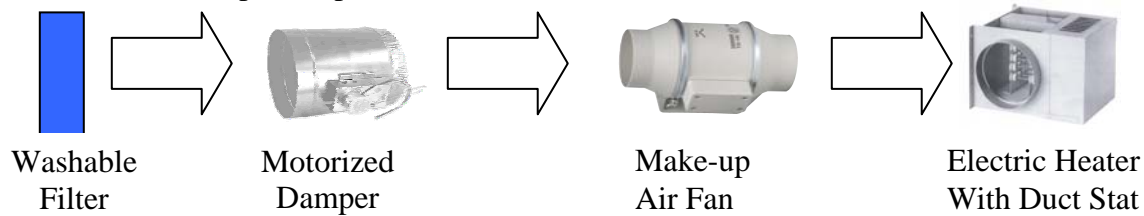
Make-up Air Kit Instructions:

Kit includes: washable filter and frame, motorized damper with end switch, make-up air fan, electric pre-heater with pressure switch and duct stat(s).

Installer provided components: weather hood or louver, pressure switch or current sensing relay, insulated ductwork, circuit breakers and electrical protection per local codes.

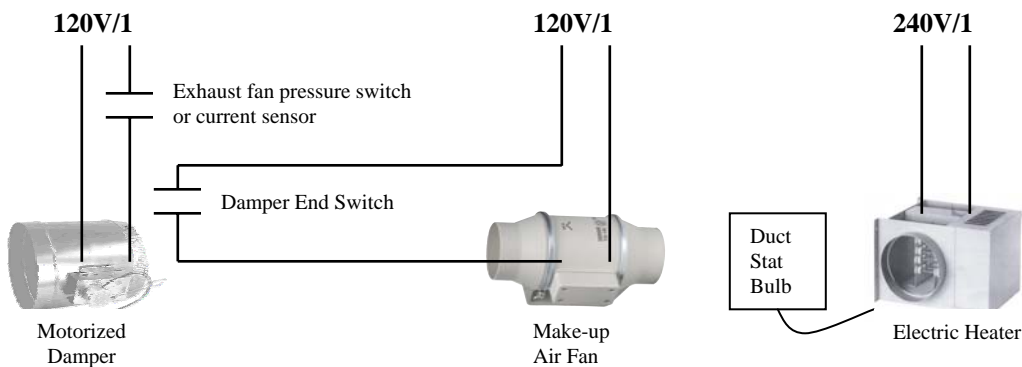
Installation:

- Begin by installing a weather hood or louver (equal to the duct size of the MUA Kit being installed) on the exterior of the building.
- Insulated ductwork (equal to the size of the MUA Kit components) is used to supply air from the weather hood or louver to the filter, motorized damper, fan and heater as show in the diagram below.
- Install each component per the instructions in each box.



Wiring:

- An installer provided pressure switch or current sensing relay is installed at the exhaust fan to prove its operation.
- A 120V/1 circuit is run from the electrical panel, through the contacts of the pressure switch or current sensor, to the motorized damper (see wiring diagram included with damper).
- A 120V/1 circuit is run from the electrical panel, through the end switch of the motorized damper, to the make-up air fan (see wiring diagram included with fan).
- A 240V/1 circuit is run from the electrical panel to the electric heater (see heater wiring diagram).
- Duct stat(s) temperature sensing bulb is installed in the duct before the heater and wired to the thermostat contacts in the heater (see diagram with stat).
- For single stage heaters, set stat at 50°F. For two stage heaters set first stage at 50°F, set second stage at 10°F.



Stat to Heater Wiring:

- First stage (or single stage stat)
- Connect Red (common) on stat to "C" on heater
 - Connect Blue on stat to "1" on heater
- Second Stage
- Connect Red (common) on stat to "C" on heater
 - Connect Blue on stat to "2" on heater

