

MUAS 1600 Makeup Air System

for balancing kitchen exhaust up to 1600 cfm, 12" duct

Item #: K46001

This product has been discontinued

The MUAS is a powered, fresh air supply system that's ideal to balance the outgoing vented air from a 400+ CFM range hood required by the IRC. The MUAS 1600 is the perfect makeup air solution for residential kitchen supply systems that can exhaust up to 1600 CFM of air.

- Variable supply airflow automatically in proportion to the exhaust
- Filters outdoor particles before fresh air is delivered to the home
- Flexible installation options for homeowner convenience
- Optional Makeup Air Heater (MUAH) kits to temper cold, incoming outdoor air
- Works with a variety of pressure schemes: slightly negative, slightly positive, or balanced
- Provides the exact amount of air needed

Powerful, vented range hoods exhaust smoke and grease from the kitchen to the outdoors, but an equal amount of supply air needs to enter the home to keep pressure levels balanced and avoid drawing air in from poorly suited places, such as chimneys, plumbing vent pipes, or even your garage. Supplying air back into the building can be done a few different ways and can be as simple as opening a window or door. However, these methods introduce potentially freezing cold air or unfiltered air into the building. The best solution is to install a MUAS that can also reduce a home's energy bill by providing a balanced pressure scheme.

The MUAS 1600 includes a 12" EC-motor fan with airflow up to 1,600 cfm (max), a 12" metal intake wall hood, a 12" motorized shut-off damper, a 12" filter cabinet with a pleated MERV 10 filter, a 12" duct silencer, and 3 pairs of 12" mounting clamps.

Each MUAS comes equipped with a Fantech Makeup Air Controller (FMAC). The FMAC provides automatic operation of the Makeup Air System. The makeup air flow rate automatically and infinitely varies proportionally with the speed at which the exhaust is operated by the homeowner. A neutral (balanced) pressure scheme is common, but the installer can also employ a slightly positive or negative pressure scheme should it be desired.

