

ASBO CONTROL

ARMATURE/STATOR BURNOUT

Designed specifically to enable the electric motor repair shops to preform several processes with the same piece of equipment. ***BURN OUT ARMATURES AND STATORS IN THE SAME OVEN!***



BURN OUT ARMATURES

An adapter plate with a hole the size of the commutator diameter is installed on the rear wall of the oven. The armature, with the commutator positioned towards the rear of the oven, is placed in a horizontal position on a fixture. As the fixture is pushed into the oven, the commutator passes through the hole in the adapter plate, converging with insulation to form an air tight seal. An adjustable air manifold system, with nozzles pointed 90 degrees apart, surrounds the commutator. Air is pumped through the nozzles to maintain commutator temperature below 300°F. (149° C.), during the heating process.



BURN OUT STATORS

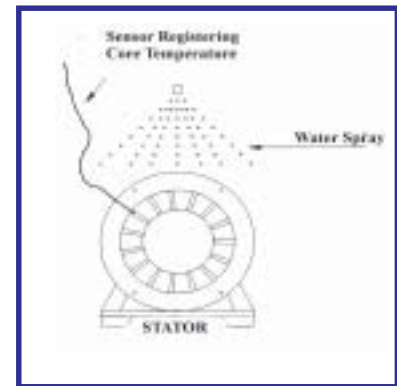
Simply attach the supplied adapter plate without the hole! The plate is outfitted with insulation on one side and is installed on the rear of the oven. The adapter covers the armature hole and creates an air tight seal.

ADVANTAGES

- Saves initial costs by buying only one oven
- Saves floor space
- Saves maintenance costs
- Indicates core temperatures of stators and armatures
- Avoids core loss by eliminating excessive stator and armature core temperature during the burnout cycle
- Does not affect insulation coatings on core laminations
- Burnout setpoint temperatures can be adjusted from 500 to 900° F. (260-482° C.)
- Burnout time cycles are fully adjustable

AUTOMATIC CONTROLS

- The ASBO system eliminates the need to manually set control components. The oven operator merely selects one of eight preset programs, for armatures or stators, in the temperature controller. The pre-set Automatic Control System ensures activation of the control settings for each individual application.
- Core temperature is monitored during the burnout by a sensor inserted into a 1/4" dia. x 1" deep hole drilled into the copper in the slots of the core. The sensor connects to the temperature controller to activate the water system when the core temperature exceeds the setpoint, e.g. 700°F. (371° C.)



ARMATURE SUPPORT STAND



- Designed to be bolted onto the oven cart, the stand is fully adjustable for small to large diameter armatures. It also allows proper alignment and center line dimensions for heating armatures.

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