



ACE EQUIPMENT COMPANY  
OVEN ACCESSORIES DESCRIPTION LIST

- OA-100 ONE TOUCH CONTROL SYSTEM**  
An automatic self-adjusting control system. It monitors the combustible vapor in the oven and controls it at a safe level. The system requires no program selection of time or temperature by the operator. This system requires the OA-1091 HIGH FIRE AFTERBURNER.
- OA-140 11 GA STEEL GUARDS INSTALLED**  
Expanded steel covers all the interior of the oven except the floor. This helps protect the insulation and water system.
- OA-200 STANDARD GALVANIZED STACK (FIRST 10 FEET)**  
The first 10 feet of exhaust stack for the oven. Includes the 2,700 ° F (1482° C) rated insulation.
- OA 200A ADDITIONAL GALVANIZED STACK, 2 FOOT SECTIONS**  
When more than 10 feet is needed to properly exhaust the oven. Includes the 2,700 ° F (1482° C) rated insulation.
- OA-230 UPGRADE TO STAINLESS STACK (FIRST 10 FEET)**  
The first 10 feet of exhaust stack for the oven made from stainless steel. Includes the 2,700 ° F (1482° C) rated insulation.
- OA-230A ADDITIONAL STAINLESS STACK, 2 FOOT SECTIONS**  
When more than 10 feet is needed to properly exhaust the oven. Includes the 2,700 ° F (1482° C) rated insulation.
- OA-510 ADDITIONAL PRIMARY WATER NOZZLES**  
Two or more water nozzles added to the primary water system to control ramp and dwell setpoints. This is recommended when burning off loads that are highly combustible such as paint filters, rubber or urethane.
- OA-512 ADDITIONAL SECONDARY WATER NOZZLES**  
Two or more water nozzles added to the secondary water system to control ramp and dwell setpoints. This is recommended when burning off loads that are highly combustible such as paint filters, rubber or urethane.
- OA-520 BY-PASS VALVE ON PRIMARY WATER SYSTEM**  
Allows the operator the option to manually turn on the primary water system to suppress combustion and prevent run-away fires. This is recommended as a back-up system in a dangerous emergency.
- OA-522 BY-PASS VALVE ON SECONDARY WATER SYSTEM**  
Allows the operator the option to manually turn on the secondary water system to suppress combustion and prevent run-away fires. This is recommended as a back-up system in a dangerous emergency.



ACE EQUIPMENT COMPANY  
**OVEN ACCESSORIES DESCRIPTION LIST**

- OA-524 LOW WATER PRESSURE SWITCH**  
This switch automatically turns on an indicating light to let the operator know there is low water pressure. It automatically shuts off the primary burner but allows the afterburner to continue to operate.
- OA-525 PRE-PURGE VENTING SYSTEM**  
This system purges any solvent build up in the air in the oven prior to ignition. Once the purge is completed, the burners will ignite.
- OA-535 BATTERY BACK-UP WATER SYSTEM**  
In the case of loss of electric power, this system automatically turns on the water. When power is lost, the primary water spray system turns on when the oven temperature is over 300° F (149° C) and shuts off under that point to prevent flooding in the oven. This cools the load to prevent run-away fires, smoke, vapors and flames from going up the stack.
- OA-550 AUXILIARY CONTROL OF PRIMARY AND SECONDARY WATER SYSTEMS**  
Loads that contain burning hydrocarbons REQUIRE water to maintain temperatures during the heat cycle, however some loads contain no hydrocarbons and do not require water to maintain oven temperatures. In certain bonding and heat treating applications where no hydrocarbons will be burned make this accessory very useful. The auxiliary unit interfaces with the temperature controller to deactivate and re-activate the primary and secondary water systems on any one or more of the pre-programmed recipes.
- OA-560 WATER SUPPLY BACK-UP SYSTEM**  
A water pressure of 30 to 50 PSI (2.1 to 3.5 KSC) is required for the primary and secondary water spray systems to maintain setpoint temperatures. Without proper water pressure, there is a risk of run-away fires. This system eliminates this risk by automatically supplying water under pressure from a holding tank when the water supply pressure to the oven drops lower than 30 PSI (2.1 KSC). The system kit comes completely assembled and wired with holding tank, pump and valves. It is easily retrofitted to an oven by connecting the kit piping and electrical systems. Installation instructions are included with the kit. Each nozzle in the ACE oven sprays 6 gallons of water per hour. The included tank holds 280 gallons of water. In the event that the water pressure in the oven drops below 30 PSI, the system has the back-up capacity to pressure spray water at 50 PSI from the holding tank.
- OA-710 COLLECTION TRAYS AND UNDER CART DEFLECTORS**  
Three collection trays for the floor of the oven and two deflectors under the cart are recommended primarily for catching large quantities of residual ash when burning paint filters, rubber or urethane.
- OA-750 SELF CLEANING ASH REMOVAL**  
A stainless brush is fastened under the rear of the cart to sweep ash from the oven floor and radiant tube when the cart is pulled from the oven.



ACE EQUIPMENT COMPANY  
**OVEN ACCESSORIES DESCRIPTION LIST**

- OA-800 TEMPERATURE RECORDER AND 2 THERMOCOUPLES**  
A circular or paperless chart is used to record the temperatures of the thermocouples in the oven. Location of the thermocouples is determined by the customer and their needs. Thermocouples can be located inside the oven or in the exhaust stack.
- OA-805 TEMPERATURE INDICATOR AND 1 THERMOCOUPLE**  
Mainly used in motor repair shops. An auxiliary temperature indicator is added to monitor part temperature.
- OA-808 FAST TURN-AROUND KIT**  
This accessory is supplied with the required controls and two thermocouples for insertion into the core of a small and large stator. Both thermocouples register the stator core temperatures on digital controls with setpoints. When either stator core temperature exceeds the set point, the water suppression system is automatically activated and/or the primary burner goes to low fire. This system can save time and fuel. One example of how this worked is a 1,400 lb. load of stators (10 HP to 200 HP) were burned out in 4.75 hours using this kit.
- OA-810 VOLTAGE TRANSFORMER**  
The transformer is used for supply voltages other than 120 Volt, 1 Phase, 60 Hz.
- OA-815 DELAY START SYSTEM**  
This accessory is used to set a start-up at a predetermined time.
- OA-820 TEMPERATURE RECORDING CHARTING SYSTEM**  
A circular or paperless chart recorder is added to the oven to record temperatures. Options are 8 hour, 24 hour or 7 day; 1 or 2 pens.
- OA-910 OUTSIDE USE BURNER WEATHER GUARDS**  
When the oven is installed outside of a building, weather guards are installed over the burner units.
- OA-920 VAPOR BARRIER COATING IN OVEN AND EXHAUST STACK**  
Protection is added to the oven's steel enclosure and first 10 feet of the exhaust stack. Recommended for loads such as rubber and urethane which may contain materials, such as chlorinated polymers, that are corrosive to steel.
- OA-921 VAPOR BARRIER COATING ON STACK OVER 10 FEET**  
Preventative coating added to stack sections over the original 10 feet.



ACE EQUIPMENT COMPANY

## OVEN ACCESSORIES DESCRIPTION LIST

**OA-930 STAINLESS STEEL VAPOR BARRIER**

Is added to the inside of the oven enclosure to protect the outer steel from moisture and chemical corrosion.

**OA-1010 LEFT SIDE MOUNTING OF BURNERS AND CONTROLS**

Burners and controls are normally mounted on the right side of the oven. Certain installations could require the controls and burners to be on the left side of the oven.

**OA-1015 REMOTE ELECTRIC CONTROL PANEL**

Control panel can be mounted independently of the oven unit. Includes 15 feet (4.57 M) of extension wire.

**OA-1020 LEFT HAND DOOR HINGES**

Single door units normally come with the hinges on the right side of the door. Hinges can be mounted on the left side if required.

**OA-1082 THIRD WATER SUPPRESSION SYSTEM (UNDER CART)**

Two or more water spray nozzles are located under the cart on the right and left side of the oven enclosure. Quantity of nozzles varies with the size of the oven. System is automatically activated when the temperature under the cart exceeds 1100° F (593° C). The system is utilized to control temperature of burning residue under the cart. This is required when processing large loads of rubber or urethane.

**OA-1090 EXHAUST STACK DIGITAL INDICATING TEMPERATURE CONTROLLER**

This provides an indicating readout of temperatures in the afterburner as required by EPA standards in certain states. Some states require a minimum temperature of 1,400° F (760° C).

**OA-1090S EXHAUST STACK DIGITAL INDICATING TEMPERATURE CONTROLLER WITH SMART SYSTEM**

The exhaust stack temperature controls the main burner and tells the burner to shut-off at the end of the heat cycle. If the exhaust stack temperature exceeds the set point, this means that something in the oven is still burning so the main burner continues to operate until the stack temperature drops below the setpoint.

**OA-1091 HIGH-FIRE AFTERBURNER**

The afterburner will have a digital temperature indicator which is required by the EPA in certain states. If the afterburner exceeds the setpoint, it will go into low fire until the temperature goes below the setpoint. The primary burner will not ignite until the afterburner reaches setpoint temperature. Does NOT require the OA\_100 ONE TOUCH CONTROL SYSTEM.

**OA-1092 SYSTEM TO KEEP AFTERBURNER ON 0-10 HOURS LONGER THAN HEAT CYCLE**

An additional timing system that keeps the afterburner on after the heat cycle turns off the main burner. This is recommended to incinerate residual smoke, fumes and odors from the ash after the heat cycle has ended.



ACE EQUIPMENT COMPANY  
**OVEN ACCESSORIES DESCRIPTION LIST**

- OA-1095 ELECTRIC SAFETY DOOR LOCK SYSTEM**  
It is dangerous to open the oven door during the heat cycle. This system automatically locks the oven door(s) at the beginning of the heat cycle. The door(s) automatically unlock at the end of the heat cycle.
- OA-1095A TEMPERATURE DE-ACTIVATED DOOR LOCK**  
The door(s) stay locked at the end of the heat cycle and only unlock the OA-1095 ELECTRIC SAFETY DOOR LOCK SYSTEM once the oven reaches a low setpoint temperature (i.e.: 300° F / 149° C), which is determined and set by the customer. This is recommended for safety of personnel and equipment.
- OA-1097 DOOR LIMIT SWITCH BURNER INTERLOCK**  
This unit prevents the burners from igniting until after the door(s) are closed.
- OA-2010 START-UP OR SERVICE BY AN ACE REPRESENTATIVE**  
A representative of ACE can come to your location and help with the start-up of your new oven or perform repairs on your oven when needed. Time is billed hourly plus travel and expenses.
- OA-2100 ARMATURE / STATOR CONVERSION KIT**  
The oven is modified so that the back wall of the oven has an opening where the com or shaft of an armature can be outside of the hottest part of the oven. The back wall is then sealed up when burning stators.
- OA-2105 AUTOMATIC CONTROLS FOR ARMATURE / STATOR BURNOUT**  
Used with the OA-2100, the controller is programmed to switch back and forth between armature burns and stator burns.
- OA-2110 ADJUSTABLE SUPPORT STAND FOR ARMATURES**  
A stand is attached to the cart to hold armatures during burning and can be removed for burning stators.
- OA-2550 MANOMETER (PRESSURE INDICATING SYSTEM)**  
The oven has a natural draft exhaust system which develops a negative pressure in the oven. The manometer indicates the amount of negative or positive pressure in inches of water column (W.C.). Do not attempt to operate the oven in a room with more than .05" (.127 cm) W.C. negative pressure. This accessory is recommended to be sure the oven has sufficient exhaust.
- OA-2600 FM (FACTORY MUTUAL) COMBUSTION SAFETY EQUIPMENT SYSTEM**  
This is required for companies that have Factory Mutual Insurance. It makes sure that industrial equipment combustion safety equipment components in the manifold system meet FM standards. Components include high and low gas pressure switches, solid state trial for ignition and purge system, etc.



ACE EQUIPMENT COMPANY

**OVEN ACCESSORIES DESCRIPTION LIST**

**OA-2670 HONEYWELL KEYBOARD DISPLAY MODULE**

This unit is used on the FM ovens and has the capacity to display up to 127 combustion faults and track flame signals.

**OA-2680 AUTOMATIC GAS PURGE SYSTEM**

This is recommended for ovens equipped with the Factory Mutual (FM) combustion safeguard system. It eliminates the hard starting of an oven that has not been operated for a long period of time.