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DESCRIPTION OF OVEN ACCESSORIES

- OA-100 ONE TOUCH CONTROL SYSTEM**
Automatic self-adjusting control system. Monitors the combustible vapor in the oven & controls them at a safe level. Requires no program selection of time or temperature by the operator.
Requires OA-1091 HIGH-FIRE AFTERBURNER
- OA-1082 THIRD WATER SUPPRESSION SYSTEM (UNDER CART)**
Two or more water spray nozzles located under the cart on the right and left side of oven enclosure. Quantity of nozzles varies with the size of oven. System is automatically activated when temperature under the cart exceeds 1,100°F (594° C). System is utilized to control temperature of burning residue under the cart. Required when processing large loads of rubber or urethane.
- OA-1090 EXHAUST STACK DIGITAL INDICATING TEMPERATURE CONTROLLER**
Provides an indicating readout of temperatures in afterburner as required by EPA standards in certain states (i.e. 1,400°F. (742° C.) Minimum).
- OA-1090S EXHAUST STACK DIGITAL INDICATING TEMPERATURE CONTROLLER WITH SMART SYSTEM**
Exhaust stack temperature controls the main burner to shut-off at end of the heat cycle.
If exhaust stack temperature exceeds the setpoint, main burner continues to operate, until the stack temperature drops below the setpoint.
- OA-1091 HIGH-FIRE AFTERBURNER**
Afterburner digital temperature indicator. Required by EPA in certain states. Afterburner goes to low fire over setpoint. Primary burner will not ignite until afterburner reaches setpoint temperature.
Does not require OA-100 ONE TOUCH CONTROL SYSTEM
- OA-1092 SYSTEM TO KEEP AFTERBURNER ON 0-10 HRS. LONGER THAN HEAT CYCLE**
A timing system to keep the afterburner on after the heat cycle turns off the main burner. Recommended to incinerate residual smoke, fumes and odors from ash after the heat cycle has ended.
- 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. Door(s) automatically unlock at the end of the heat cycle.
- OA-1095A TEMPERATURE DE-ACTIVATED DOOR LOCK. Door(s) unlock at setpoint temperature**
Door(s) stay locked at the end of the heat cycle and only de-activate OA-1095 Electric Safety Door Lock System at a low setpoint temperature, i.e. 300°F (149°C). Temperature set by customer. Recommended for safety of personnel & Equip
- OA-1097 DOOR LIMIT SWITCH BURNER INTERLOCK. NO IGNITION UNTIL DOOR(S) ARE CLOSED**
- 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" (.127cm) 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**
Required for companies that have factory mutual insurance. It covers industrial equipment combustion safety equipment components in the manifold system to meet FM standards. Components include high & low gas pressure switches, solid state trial for ignition & purge system, etc.
- OA-2670 HONEYWELL KEYBOARD DISPLAY MODULE**
Capacity to Display up to 127 combustion faults
- OA-2680 AUTOMATIC GAS PURGE SYSTEM**
Recommended for ovens equipped with Factory Mutual (FM) combustion safeguard system. It will eliminate hard starting of an oven that has not been operated for a long period of time
- OA-140 11 GA. STEEL GUARDS INSTALLED FROM TOP TO BOTTOM ON L., R. & REAR INSIDE WALLS**
- OA-510 ADDITIONAL WATER NOZZLES INSTALLED IN PRIMARY WATER SYSTEM**
- OA-512 ADDITIONAL WATER NOZZLES INSTALLED IN SECONDARY WATER SYSTEM**
Two or more additional water nozzles installed in the primary or secondary system to control ramp & dwell setpoints. Recommended for highly combustible loads such as paint filters, rubber or urethane.
- OA-520 BY-PASS VALVE INSTALLED TO MANUALLY TURN ON PRIMARY WATER SYSTEM**
- OA-522 BY-PASS VALVE INSTALLED TO MANUALLY TURN ON SECONDARY WATER SYSTEM**
Provides operator the option to manually turn on primary or secondary water system to suppress combustion and prevent run-away fires. Recommended as a back-up system in a dangerous emergency.
- OA-524 LOW WATER PRESSURE SWITCH**
Automatically turns on indicating light to indicate low water pressure.
Automatically shuts off the primary burner. Afterburner continues to operate

OA-525	PRE-PURGE VENTING SYSTEM Four oven volume air changes. Purges solvent build-up prior to ignition. Burners ignite after purge ends.
OA-535	LOSS OF ELECTRIC POWER BATTERY PACK BACK-UP WATER SPRAY SYSTEM Automatically turns on water when there is a loss of electric power. When there is a loss of electric power, the primary water spray system turns on over 300°F (149°C) and shuts off under 300°F. to cool the load to prevent run-away fires, smoke, vapors and flame from going up the stack. This system automatically shuts off the water spray system when the primary chamber cools below 300°F., to prevent flooding in the oven.
OA-550	AUXILIARY UNIT TO DE-ACTIVATE & RE-ACTIVATE PRIMARY & SECONDARY WATER SYSTEMS Loads which contain burning hydrocarbons <u>require water</u> to maintain temperatures during the heat cycle. However, some loads contain no burning hydrocarbons and <u>do not require water</u> to maintain oven temperatures. This accessory is very useful for certain bonding and heat treating applications with no burning hydrocarbons. This auxiliary unit interfaces with the temperature controller to automatically de-activate & re-activate the primary & secondary water systems on any one or more of the 8 recipes.
OA-560	WATER SUPPLY BACK-UP SYSTEM ASSEMBLY WITH TANK, PUMP & VALVES Water pressure of 30 to 50 P.S.I. 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 back-up system eliminates this risk by <u>automatically</u> supplying water under pressure from the holding tank when the water supply pressure to the oven drops lower than 30 P.S.I. (2.1 KSC). Model OA-560 Water Supply Back-up System Kit is completely assembled and wired with holding tank, pump and valves. It is easily retrofitted to your oven by connecting the kit piping and electrical systems. Installation instructions are provided. Each nozzle in the ACE oven sprays 6 Gallons per hour. Model OA-560 tank holds 280 Gallons of water. In the event water pressure to the oven drops below 30 P.S.I., OA-560 has the back-up capacity to pressure spray water at 50 P.S.I. from the holding tank.
OA-710	3 TRAYS ON FLOOR & 2 DEFLECTORS UNDER CART Recommended primarily for catching large quantities of residual ash when burning paint filters, rubber or urethane.
OA-750	SELF CLEANING STAINLESS BRUSH ASH REMOVAL SYSTEM Fastened under rear of cart. Stainless brushes sweep ash from oven floor and radiant tube when cart is pulled from oven.
OA-800	TEMPERATURE RECORDER & 2 THERMOCOUPLES
OA-805	TEMPERATURE INDICATOR & 1 THERMOCOUPLE
OA-808	FAST TURNAROUND KIT Supplied with the required controls & 2 thermocouples for insertion in the core of a small & large stator. Both thermocouples register the stator core temperatures on digital controls with setpoints. When either stator core temperature exceeds the setpoint, the water suppression system is automatically activated and/or the primary burner goes to low fire. Saves time & fuel. Example: A 1,400 Lbs load of stators (10 H.P. to 200 H.P.) was burned out in 4.75 hours.
OA-810	TRANSFORMER FOR SUPPLY VOLTAGES OTHER THAN 120 VOLT, 1 PHASE, 60 HZ
OA-815	SYSTEM TO AUTOMATICALLY START OVEN AT A DESIGNATED TIME
OA-820	CIRCULAR CHART TEMPERATURE RECORDER (8 HR, 24 HR, 7 DAY) (1 PEN OR 2 PEN)
OA-910	WEATHER GUARD ON EACH BURNER FOR OUTSIDE USE
OA-920	VAPOR BARRIER COATING ON INSIDE ENCLOSURE & EXHAUST STACK (FIRST 10FT.)
OA-921	VAPOR BARRIER COATING ON ADDITIONAL EXHAUST STACK Protection of oven's steel enclosure from chemical actions. Recommended for loads such as rubber or urethane which may contain materials (i.e. chlorinated polymers) which could cause corrosion of the steel.
OA-930	STAINLESS STEEL VAPOR BARRIER Inside enclosure - protection of steel enclosure from moisture & chemicals.
OA-1010	BURNERS & CONTROLS MOUNTED ON LEFT SIDE OF OVEN
OA-1015	REMOTE ELECTRIC CONTROL PANEL WITH 15 FT (4.57M) OF EXTENSION WIRE
OA-1020	DOOR HINGED ON LEFT SIDE OF OVEN
OA-2010	START-UP OR SERVICE BY AN ACE REPRESENTATIVE
OA-2100	ARMATURE/STATOR CONVERSION KIT
OA-2105	ARMATURE/STATOR BURNOUT OVEN AUTOMATIC CONTROLS
OA-2110	ARMATURE ADJUSTABLE SUPPORT STAND
OA-200	STANDARD STACK - 10 Ft. of galvanized exhaust stack with 2,700°F rated insulation supplied.
OA-230	OPTIONAL UPGRADES FOR FIRST 10 FT. OF EXHAUST STACK Stainless 2,700°F (1482°C) ADDITIONAL 2 FT. SECTIONS OF EXHAUST STACK
OA-200	Galvanized 2,700°F (1260°C)
OA-230A	Stainless 2,700°F (1482°C)