

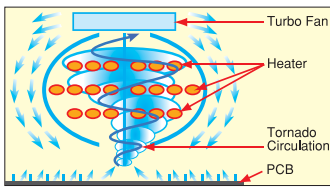
ECOR-4077B ECOR-4099A

Lead-free
Reflow Machine



Designed with a new hot air circulation mechanism that realizes highly heat efficient convection heating. Energy-saving design reduces electricity consumption by 40% (compared with our existing machines).

1 Tornado Circulation



All the hot air discharged from the turbo fan flows towards the center of the heater and rises. We likened this airflow movement to a tornado and named it "Tornado Circulation". We have succeeded in cutting almost all hot air escaping from the machine's inlet and outlet by

adopting Tornado Circulation. (Circulation efficiency inside the oven is heightened.) Also, the operation environment is comfortable.

2 Greatly Reduced Electricity Consumption

ECOR	Existing Machine
6.1kw/h	10.8kw/h

Power Consumption While Three-hour Driving
(Measured at 6m/sec Wind Speed)

Tornado circulation has realized more than 40% energy saving (compared with our existing machines). It also leads to the cost reduction.

3 Standard Equipment of PC and UPS

All of the main operations can be centrally controlled on the PC screen, and a UPS is equipped in case of a power blackout. Only the transport conveyor continues operation for 5 minutes, and ejects the PCBs.



4 Fully-open Oven



The oven is equipped with a cover that fully opens to ensure fast and easy maintenance.

5 Whole-area Warp-prevention Unit (Option)

Optionally equipped with a whole-area warp-prevention unit to meet the requirements of reflow processes on both sides.

Standard Equipment



Option

