



BV-RF8845L

Large-Size up 10/down 10 Zones Reflow Oven

Hot Air Pressurization & Intelligent Temperature Controlling

Model: AA-RF-8845L

Independent precise temperature control each temperature zone
Hot air pressurization intelligent temperature control



Product Features:

1. Patented innovative insulation system: the use of imported double-layer insulation materials, normal use to ensure that the reflow shell temperature is not higher than the indoor temperature, greatly improving the reflow heat utilization rate, normal use than the same type of reflow soldering power savings of 40%, greatly reducing the cost of reflow soldering electricity.
2. The whole machine adopts precision PLC + industrial computer control, stable operation. Ensure zero failure rate of the control system.
3. Multi-point jet principle, the whole micro-circulation wind transport structure, up and down heating mode; heating area short wind, heating efficiency is very high.
4. The overall use of double electric screw open cover mode, electric actuator's salient features are: no gas source, low requirements for production facilities, because the screw is a self-locking function, power outages on the cover will not fall, safe operation, and small energy consumption, no noise, the use of 24V DC power supply, no harm to the human body.
5. Dual-module strong air extraction and exhaust gas filtration system, to ensure the smooth discharge of exhaust gas and clean furnace chamber.
6. Strong forced cooling system, the use of high-pressure fans will be strong cold air transported to the cooling zone, greatly enhancing the cooling rate, can effectively meet a variety of lead-free process.
7. The heating adopts imported special long-life wire-wound nickel-chromium hot wire, high thermal efficiency and sensitivity, small thermal inertia, temperature control precision $\pm 1^{\circ}\text{C}$ in each temperature zone; direct heating of the circulating air, rapid warming, from room temperature to the set working temperature in about 15 minutes.
8. Adopting imported Taiwan Mitsukoshi heat dissipation type high temperature motor, direct drive hot air heating, balanced hot air, low noise, small vibration.
9. Special transportation guide rail, made of high temperature and wear-resistant aluminum alloy, high rigidity and no deformation.
10. The transportation system adopts inverter stepless frequency conversion speed regulation, and is equipped with UPS uninterruptible power supply module group and manual shaking out function, which can effectively prevent the PCB baked due to sudden power failure in the furnace.
11. The whole machine is equipped with multifunctional computer operation and analysis software, with flexible curve test and powerful dynamic curve analysis function. And can be upgraded free of charge.
12. All electrical components are imported components, all signal lines are shielded to make the whole control system more stable and reliable.

**Parameters:**

Model	AA-RF-8845L
Heating Zone	Upper 10 / Down 10 zones
Heating Method	Full hot air
Cooling Zone	2 Zone
Cooling Method	Forced Air Cooling
Max. PCB Width	450mm
Mesh Width	450mm
Transmission Belt Height	880 ± 20mm
Transmission Speed	0-2000mm/min
Transmission Type	Mesh +Chain Guiderail
Transport Direction	Left→right (right→left optional)
Power	3-phase 380V
Starting Power	45KW
Working Power	Appro 10KW
Warm-up Time	about 10 minutes
Temperature Range	Room temperature to 400°C
Temperature Control Accuracy	±1°C
Temperature Distribution Deviation	±1°C
Temperature Control Type	Industrial PC + PLC
Abnormal Alarm	Temperature abnormal (ultra-high or ultra-low temperature)
Dimensions	5000*1200*1520mm
Weight	1200kg