

AA-RF-835L

Up 8/down 8 Heating Zones Reflow Oven



Product Dimensions:



Product Features:

1. Patented Innovative Insulation System: Adopt imported dual-layer insulation materials, to ensure the shell's temperature of reflow oven is not higher than the indoor temperature in normal usage, greatly improving the reflow oven's heating utilization ratio, power saving 40% than the same type of reflow oven, extremely reducing the electricity cost of reflow oven.
2. Adopt precise PLC + industrial PC control, operating stably to ensure the controlling system zero failure rate.
3. Multi-point air injection principle, the whole micro-circulation structure, up and down heating method, short runoff the wind in the heating zones, high heating efficiency.
4. The overall machine adopts dual electric screw open mode, the electric screw's outstanding features is: no need gas source, low requirement for the production facilities, with self-locking function, the cover will not fall when power off, safe operating, small energy consumption, no noise, 24V DC power supply, no harm to the human body.
5. Two-module strong ventilation and exhausted gas filtration system to ensure smooth discharge of exhausted gas in the oven and clean.
6. Strong forced cooling system, adopting high-pressure fan strongly transmit the cold air into the cooling zone, greatly improving the cooling rate, can effectively meet a variety of lead-free process.
7. Heating adopts imported special long-life wound-rotor nickel chromium heating wire, high thermal efficiency and sensitivity, small thermal inertia, the temperature controlling accuracy in each temperature zone is $\pm 1^{\circ}\text{C}$; directly heating cycle air, heating up quickly, from room temperature to setting temperature about 15 minutes.
8. Imported Taiwan Sanyue radiating type high temperature motor, directly driving hot air heating, hot air balanced, small vibration, small noise.
9. Special transmission rail guide, made of high temperature and wear resistance stainless steel, high rigidity, lasting non-deformation.
10. Transmission system adopts frequency converter for stepless frequency conversion speed modulation, equipped with UPS uninterruptible power supply module group and manual shake function, can effectively prevent the PCB baked badly in the oven caused by sudden power failure.
11. Equipped with multi-functional computer operating analysis software, with flexible curve test and powerful dynamic curve analysis function, can be upgraded freely.
12. All the electrical components are imported, all the signal lines are shielded, to make the entire controlling system more stable and reliable.



<u>Parameters:</u>	
Model	AA-RF-835L
Heating Zone	Upper 8 / Down 8 zones
Heating Method	Full hot air
Cooling Zone	1 Zone
Cooling Method	Forced Air Cooling
Max. PCB Width	350mm
Mesh Width	350mm
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	30KW
Working Power	Appro 5KW
Warm-up Time	about 15~20 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	4200*800*1320mm
Weight	900kg