



Energy-saving Intelligent Drying Control System

SEC-750U

Energy-saving, anti-excessive drying

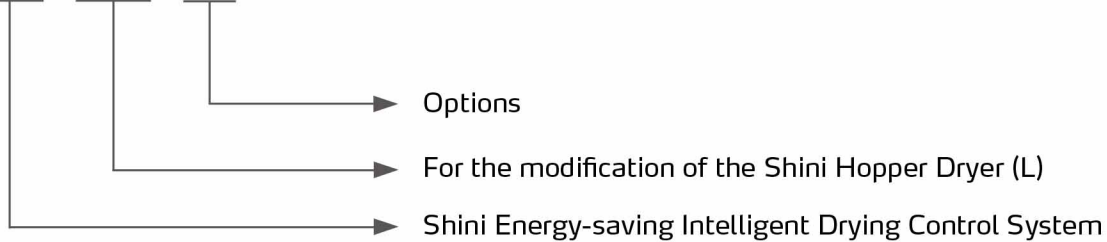


Refer carefully to this manual before operation.

SEC-U Series

■ Coding Principle

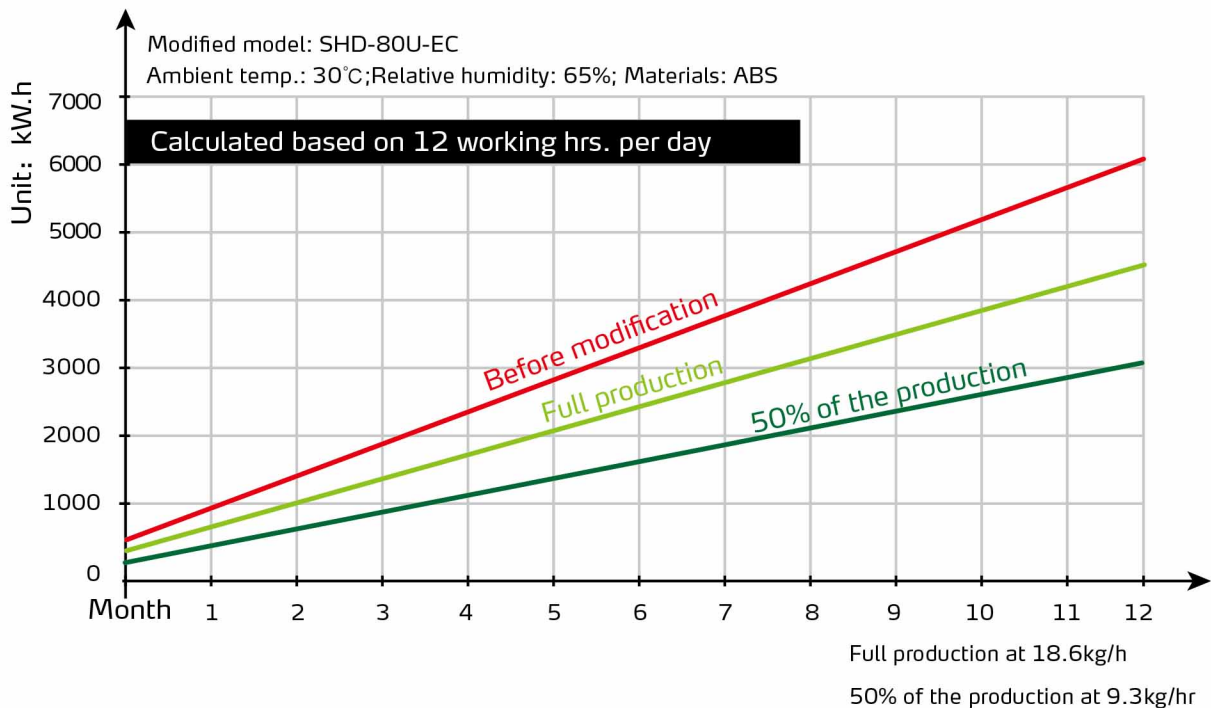
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■ Features

- The unit can realize precision temperature control via a microcomputer PID controller.
- LCD display for easy operation;
- The standard weekly timer can dry the material in advance to facilitate productivity.
- Overheat protection: When the drying temperature exceeds the protection value, the unit can cut off the heater power for safe operation.
- RS485 communication interface to realize automatic control.

The unit can automatically regulate the drying airflow and temperature according to actual material throughput to realize energy-saving purposes and prevent over-drying. According to the materials and throughputs, the unit can realize 30%~80% energy reduction than the standard unit.

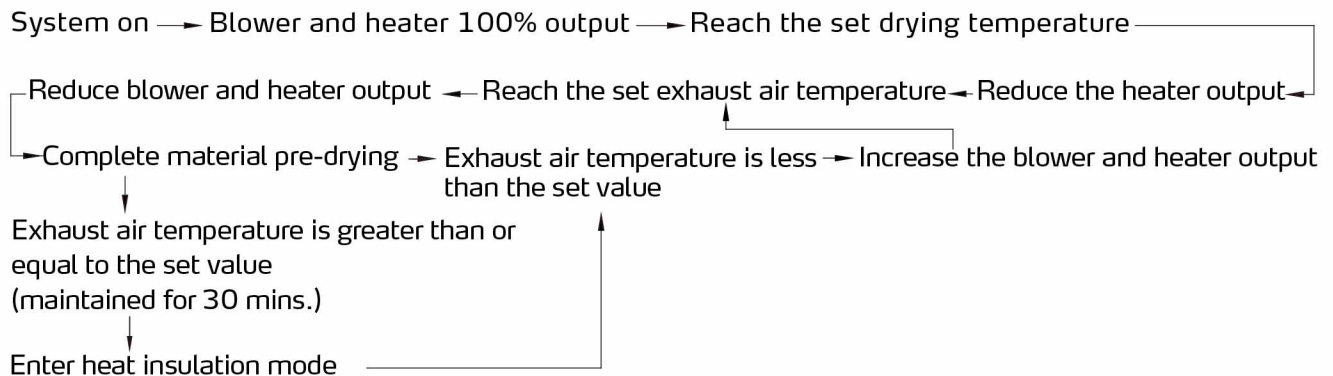


Application

The energy-saving intelligent drying control system SEC-U can be implemented and modified on most hopper dryers with three-phase blower. Remove the original control system of the hopper dryer and replace it with the Shini energy-saving intelligent drying control system, which can save 20%~60% energy consumption according to different blower airflows and environment.

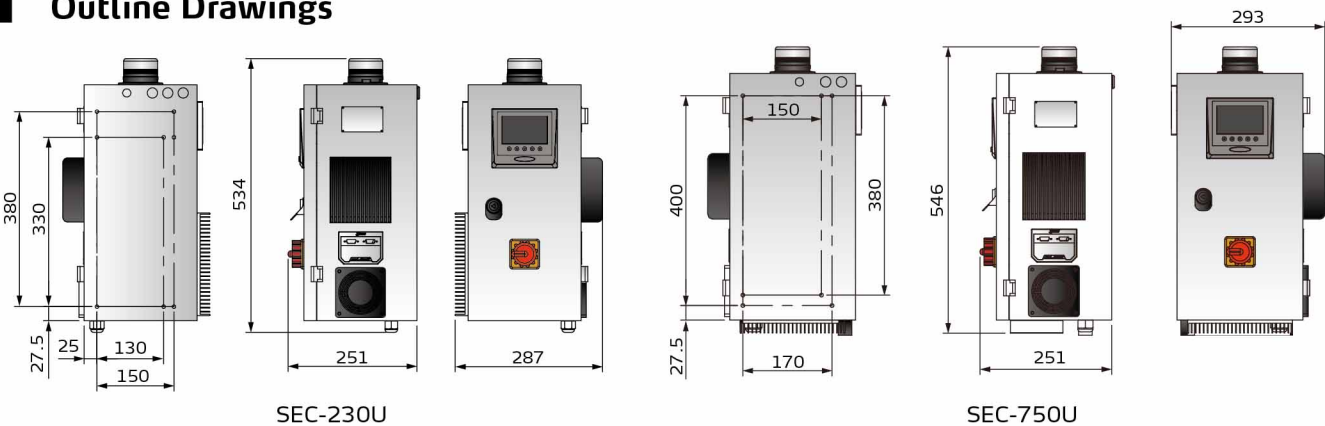


Working Principle



Note: The drying temperature will be decreased in the heat insulation mode.

Outline Drawings



Specifications

Model	SEC-230U	SEC-750U
Maximum compatible heater power (kW)	6	18
Maximum compatible blower power rating (kW)	0.12	0.55
Compatible blower voltage (VAC)	3 ϕ , 400VAC	
WxDxH(mm)	287×251×534	293×251×546
Weight(kg)	13	13
Modifiable models	SHD-230U and models below	SHD-300U~750U

Shini Group

Addr: No. 23, Minhe St., Shulin Dist.,
New Taipei, Taiwan

Tel: +886 2 2680 9119

Fax: +886 2 2680 9229

Email: shini@shini.com

Factories:

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