

Building a control system for a greenhouse cooling unit.

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Abstract: This topic addresses the necessity of optimizing the cooling system in greenhouses to meet the needs of protecting and developing various plant species. The main objective is to build an automatic control system for the cooler, aiming to improve energy efficiency and reduce operating costs. The research method involves applying system control theory along with experiments in a greenhouse environment. Through this, the topic aims to provide a practical application solution that can be widely deployed on farms and in industrial crop areas.

Keywords: Cooling system, Greenhouse, Automatic control, Renewable energy, Crops