

태양열 온수기 성능평가 위한 모니터링 시스템 개발

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The Development of Monitoring System for Performance Evaluation of Solar Hot Water Heater

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Abstract : The application of solar energy, in the field of alternative energy, was on the increase tendency. In the case of advanced nations, through continuous R&D, solar hot water heater with high efficiency has been used for the house and the industrial process on business, advanced nations were reached up the experimental stage of solar generation system. But, the actual circumstance of the domestic has been not accomplished the popularization of solar hot water heater and the settlement of it which is the fundamental stage of the solar energy usage. This trouble, the domestic was flooded with small enterprise for producing solar hot water heater, was caused by the popularization and the production without verification of performance. To supply the monitoring program for evaluating solar hot water heater, this research was purpose to improve the technical development of the enterprise for producing solar-heat hot-water-boiler and served as an aid for the enlargement and the popularization on solar energy.

Key words : Monitoring system(모니터링 시스템), Solar hot water heater(태양열 온수기), Demonstration research(실증연구), Performance Evaluation(성능평가)

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