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FINAL REPORT OF DIPLOMA PROJECT

AIR CONTROLLER FRESHNER

APRIL 2013

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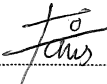
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
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“I declare that this report entitled “*Air Controller Freshener*” is the result of my own group research except as cited in the references. The report has not been accepted for any degree and is not concurrently submitted in candidature of any other degree.”

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### ABSTRACT

Air controller freshener designed to clear dirty air that exists in small spaces such as rooms and in vehicle such as car and bus. Beside clean air, it also able gives pleasant environment in column. We upgrade further this project by adding air purifier which functions to tone air. It also removes irritants that trigger allergies, eliminate odour and eradicate chemicals that may adversely affect general health. This project functions by using 24V dc supply. When switch on, blower and motor will in start automatically. After few minutes it will produce perfume from air purifier. The NE556 is dual timer and LM741 is used for protection of the circuit from overload. The 7805 regulator is used for maintain a constant voltage level. This project behaves environmentally friendly because it does not use materials that endanger consumers. It also will provide some comfort and freshness of the situation around us.

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