

**COMPARATIVE ASSESSMENT OF AIR  
DISTRIBUTION SYSTEMS FOR IMPROVING INDOOR  
THERMAL COMFORT IN OFFICE SPACES**

**By**

**Eng. Ahmed Mahmoud Mohamed Ahmed Abouzaid**

**A Thesis Submitted to the  
Faculty of Engineering at Cairo University  
in Partial Fulfilment of the  
Requirements for the Degree of  
DOCTOR of PHILOSOPHY**

**In  
MECHANICAL POWER ENGINEERING**

**FACULTY OF ENGINEERING, CAIRO UNIVERSITY  
GIZA, EGYPT  
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**Under Supervision of**

**Prof. Dr. Essam E. Khalil**

**Professor, Mechanical Power Engineering  
Department Faculty of  
Engineering, Cairo University**

**Dr. Esmail M. Bialy**

**Lecturer, Mechanical Power Engineering  
Department Faculty of  
Engineering, Cairo University**

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**Approved by examining committee**

**Prof. Dr. Essam E. Khalil**

**Main  
Thesis Advisor**

**Mechanical Power Department - Faculty of Engineering – Cairo University**

**Prof. Dr. Samy M. Morcos**

**Internal  
Examiner**

**Mechanical Power Department - Faculty of Engineering – Cairo University**

**Prof. Dr. Ahmed A. Medhat**

**External  
Examiner**

**Professor of Mechanical Power engineering at Housing & Building National Research  
Centre**

**FACULTY OF ENGINEERING, CAIRO UNIVERSITY  
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