

(PREVIEW)

## *Indian Standard*

### SPECIFICATION FOR ELECTRIC CEILING TYPE FANS AND REGULATORS

#### 0. FOREWORD

**0.1** This Indian Standard ( Third Revision ) was adopted by the Indian Standards Institution on 29 August 1979, after the draft finalized by the Electric Fans Sectional Committee had been approved by the Electro-technical Division Council.

**0.2** This standard was originally published in 1951 and was subsequently revised in 1960 and 1966. The present revision has been undertaken to incorporate:

- a) additional safety requirements, such as leakage current, protection against electric shock, mechanical strength, etc.
- b) guidance on constructional aspects affecting safety.
- c) experience gained in the field since publication of the last revision.

**0.3** The proposal from Fan Makers' Association for inclusion of an additional grade of fans having higher air delivery but much lower service value than that specified in Table 2 to cater to the market demand has been deferred for consideration at a later date in view of the following:

- a) The fact that such fans are desired by consumers could not be established conclusively.
- b) The latest proposal from Fan Makers' Association envisages for the additional grade having the same air delivery as given in Table 2 but much lower service values.

**0.4** IS : 302-1979\* to which references have been made in this standard for safety requirements and test methods is a necessary adjunct to this standard. Should, however, any deviation exist between IS : 302-1979\* and those of this standard, the provisions of the latter shall apply.

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\*General and safety requirements for household and similar electrical appliances (*fifth revision*).

## **IS : 374 - 1979**

**0.5** This standard contains clauses **6.6** and **9.3** which call for agreement between the purchaser and the supplier and require the manufacturer to supply certain technical information at the time of placing orders. The relevant clauses are **6.6** and **9.3**.

**0.6** For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test, shall be rounded off in accordance with IS : 2-1960\*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

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### **1. SCOPE**

**1.1** This standard specifies the requirements and methods for tests of capacitor type ac single-phase ceiling fans as well as dc ceiling fans including the associated speed regulators.