

Humidity Standards for ebm-papst Fans

General :

Our standard fans are designed to meet the relative humidity range according to group E of DIN 40040: Item 3.3

Limits of relative humidity are:

Maximum Value $\leq 75\%$

a) On 30 days of the year (naturally distributed over the year) $\leq 95\%$

b) On all other days occasionally (under observance of the annual mean value) $\leq 85\%$

Seldom and light dewing is allowed e.g. by opening of units which are mounted in open air

Special :

Fans Marked with an R in the type designation have an improved humidity protection and are designed to meet the relative humidity range to group C of DIN 40040. Item 3.3

Limits of relative humidity are :

Maximum Value $\leq 95\%$

a) On 30 days of the year (naturally distributed over the year) $\leq 100\%$

b) On all other days occasionally (under observance of the annual mean value) $\leq 100\%$

Dewing is allowed e.g. by opening units which are mounted in open air