

January 1999

**RECOMMENDATION
concerning
STANDARD FRONT DIMENSIONS
OF AIR FILTERS**

PURPOSE

The purpose of this Eurovent/Cecomaf Recommendation is to reduce the number of available standard front dimension of filters used in air handling installations. Such a standardisation would be of interest for all parties involved: manufacturers, installers, designers, users. The Recommendation has been prepared by the Eurovent WG 4B "Air Filters" in co-operation with the Eurovent WG 6C "Air Handling Units".

E U R O V E N T / C E C O M A F

**EUROPEAN COMMITTEE OF
AIR HANDLING, AIR CONDITIONING AND REFRIGERATION
EQUIPMENT MANUFACTURERS**

BACKGROUND

There is no international industry standard for filter dimensions. Each equipment supplier has complete freedom to fit filter units with any conceivable frontal dimension and depth. On the European market, within the limits of 1000 x 1000 mm (width x height) there are currently several hundred different front dimensions of air filters, especially pocket filters. Many of these have only marginal differences in dimensions not exceeding a few millimetres.

BENEFITS OF STANDARDISATION

There is definitively no advantage, for any party involved, in the large number of different filter dimensions. The benefits of a standardisation will be felt at all stages of the supply and user chain:

- a. All handling will be easier and more efficient.
- b. A limited range minimises the costs of manufacturing, sales, purchasing, distribution, storage and installations of air filters.
- c. Fewer dimensions means shorter delivery times.
- d. Risk of errors in ordering and handling will be reduced.

RECOMMENDED DIMENSIONS

To gain the full benefit of this recommendation, Eurovent/Cecomaf strongly recommends that End Users, Contractors, Air Filter Suppliers and Air Handling Unit Manufacturers use only the following front dimensions of air filters:

<u>width x height</u>
592 x 592 mm
490 x 592 mm
287 x 592 mm
592 x 287 mm
490 x 287 mm
287 x 287 mm

The recommended front dimensions have been in general use throughout the world for many years and include a sufficient number of units providing enough flexibility to meet every installation requirement, either individually or in different combinations.

It is also recommended to use the single standard frame thickness: 25 mm.

APPLICATION

In future all installations involving Air Filters such as Air Handling Units will gain the full benefits of this recommendation. Sometimes it may also be possible to rebuild existing air filter installations which have front dimensions other than those recommended, in order to put them in accordance with the recommended dimensions.

◆ LIST OF THE MEMBER ASSOCIATIONS

BELGIUM

FABRIMETAL

80 Bd Reyerslaan -
B-1030 BRUXELLES
Tel. 32/2/7067985 - Fax : 32/2/7067966
E-mail: info@fabrimetal.be

GERMANY

FG ALT im VDMA

Postfach 71 08 64 - D-60498 FRANKFURT AM MAIN
Tel. 49/69/6603 1227 - Fax : 9/69/6603 1218
E-mail: ALT@VDMA.org

SPAIN

AFEC

Francisco Silvela, 69-1°C - E-28028 MADRID
Tel. 34/9/1/4027383 - Fax : 34/9/1/4017927

FINLAND

AFMAHE

Etaläranta 10 - FIN-00130 HELSINKI
Tel. 358/9/19231 - Fax : 358/9/624462

FINLAND

FREA

P.O. Box 118
FIN-00811 HELSINKI
Tel : 358/9/759 11 66 - Fax : 358/9/755 72 46

FRANCE

UNICLIMA

F-92038 PARIS LA DEFENSE CEDEX
Tel : 33/1/47176292 - Fax : 33/1/47176427

GREAT BRITAIN

FETA (HEVAC and BRA)

Henley Road – Medmenham
MARLOW BUCKS SL7 2ER
Tel : 44/1491/578674 - Fax : 44/1491/575024
E-mail: info@feta.co.uk

ITALY

ANIMA - CO.AER

Via Battistotti Sassi, 11 - I-20133 MILANO
Tel : 39/02/73971 - Fax : 39/02/7397316

NETHERLANDS

NKI

Postbus 190 - NL-2700 AD ZOETERMEER
Tel: 31/79/353 12 59 - Fax : 31/79/353 11 15
E-mail: nki@fme.nl

NETHERLANDS

VLA

Postbus 190 - NL-2700 AD ZOETERMEER
Tel. 31/79/353 11 00 - Fax : 31/79/353 13 65
E-mail: vla@fme.nl

NORWAY

NVEF

Postboks 6697, St Olavs Plass –
0129 OSLO
Tel. 47/22202790 - Fax : 47/22202875

SWEDEN

KTG

P.O. Box 5510 - S-114 85 STOCKHOLM
Tel. 46/8/782 08 00 - Fax : 46/8/660 33 78

SWEDEN

SWEDVENT

P.O. Box 175 37 - S-118 91 STOCKHOLM
Tel : 46/8/762 75 00 - Fax : 46/8/668 11 80
E-mail: bo.gostoring@isab.postnet.se

TURKEY

ISKID

FORM A.S.

Ruhi Bagdadi Sok No:1 Balmuncu
TR-80700 ISTANBUL
Tel : 90/212 288 15 70 - Fax : 90/212 272 56 52
E-mail: formas@superonline.com

REC 09

For more information contact

Sule BECIRSPAHIC
Eurovent/Cecomaf Technical Secretariat
15 rue Montorgueil
75001 PARIS
Tel 33 1 40 26 00 85
Fax 33 1 40 13 75 44

