

Description

Plane synthetic fibre filter cell, class ISO Coarse 55% according to ISO 16890. The filter media (single panel for D = 24 mm, double panel for D = 48 mm) is protected by wire mesh on both sides to ensure the consistency of the pack. Plastic micro-mesh which, due to an electrostatic effect, increases the holding capacity efficiency.

Filter media

Progressive density synthetic fibre.

Construction

Galvanised steel frame. Electro-welded galvanised steel wire protection meshes.

Disposal

The openable frame enables the separation of the synthetic media from the metallic parts. Partially regenerable. (CER 15 02 03 / 15 02 02* depending on usage).

Operating range

Maximum temperature: 80 °C (continuous operation)

Maximum relative humidity : 90%

Recommended final pressure drop : 250 Pa

Applications

Filtration of airborne particles in civil and industrial air conditioning systems. It is commonly also used as pre-filtration stage for fine dust filters.

Special executions

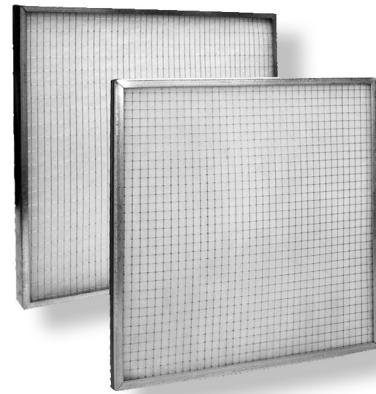
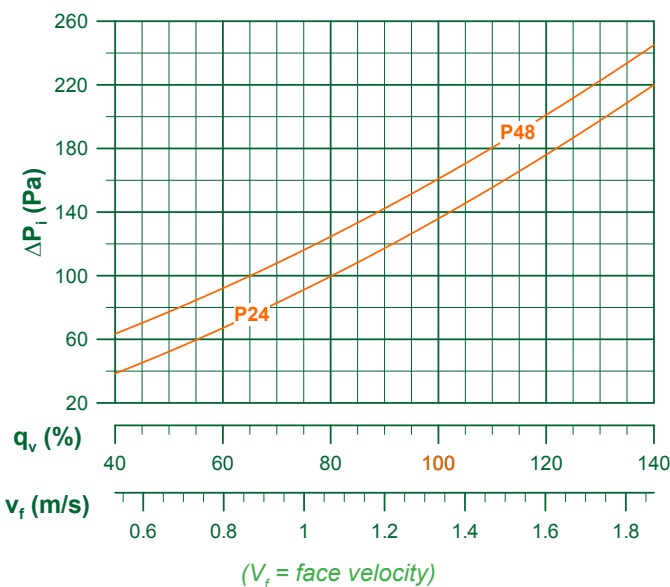
MEF-TRX: stainless steel AISI 304 frame and meshes

MEF-TRA: aluminum frame and meshes

Related products

MECM: Modular counterframe series **FRAM-FLO**

GFX-QF: filter intake grilles series **BIOMODULO** (24 mm)



B x H x P (mm)	q_v (m ³ /h)	q_v (m ³ /s)	ΔP_i (Pa)	S_f (m ²)	M (kg)
400x500x24	950	0,26	135	0,19	0,9
400x625x24	1200	0,33	135	0,24	1,0
500x500x24	1200	0,33	135	0,24	1,0
500x625x24	1500	0,42	135	0,30	1,2
287x592x24	800	0,22	135	0,17	1,0
490x592x24	1400	0,39	135	0,28	1,1
592x592x24	1700	0,47	135	0,34	1,3
400x500x48	950	0,26	160	0,19	1,1
400x625x48	1200	0,33	160	0,24	1,3
500x500x48	1200	0,33	160	0,24	1,3
500x625x48	1500	0,42	160	0,30	1,5
287x592x48	800	0,22	160	0,17	1,1
490x592x48	1400	0,39	160	0,28	1,4
592x592x48	1700	0,47	160	0,34	1,7

q_v nominal volume air flow
 ΔP_i initial pressure drop (± 10 Pa) at the air flow q_v
 S_f filter surface
 M mass

