



TAKING CARE OF YOUR AIR

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GABTIC FULL FILTERS RANGE



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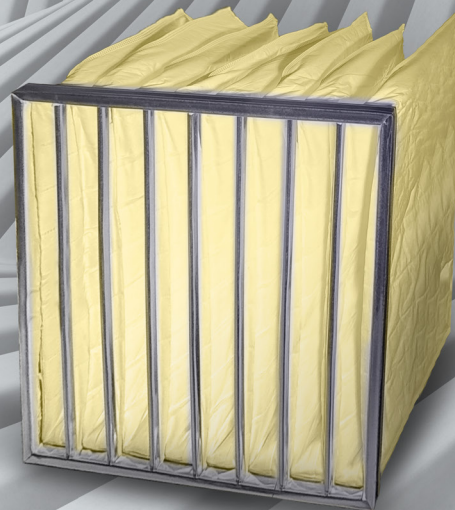
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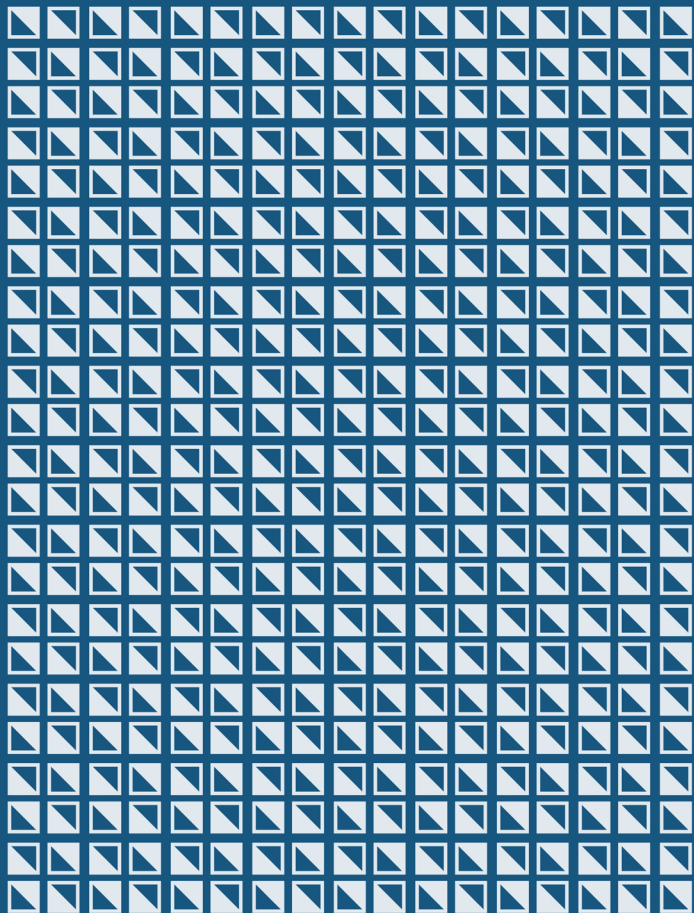
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TAKING CARE OF YOUR AIR



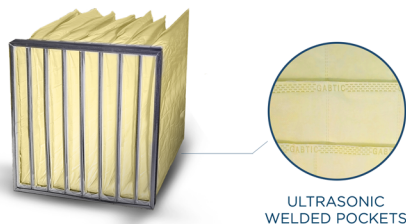


INTORDUCING NEW GABTIC AIR FILTERS FAMILY

Innovate the air you breathe. Gabtic's commitment to pioneering technologies pushes the boundaries of air purification. We don't simply filter; we redefine the very essence of clean air, ushering in a new era of healthy living.

Welcome to the future of air. Gabtic's new line of air filters is more than just a product; it's a statement. A statement about prioritizing your health, embracing innovation, and living with the confidence that every breath is a pure expression of life.





FEATURES

- Humidity Resistant up to 100% R.H
- Higher density & pressure load due to endless pockets and their edge
- Synthetic Fiber material
- Temperature resistant up to max 80 C
- Spacers inside media for better air distribution
- Welded pockets



Temperature
resistant



Humidity
Resistant



Temperature
resistant



fiber
material



air
distribution



Welded
pockets

SPECIFICATIONS

- An ISO 9001-2015 Certified
- Standard Sizes Welded Pockets from side
- Any special sizes on request
- Frame Types:
 - Metal Frame (23mm)
 - Metal Frame (25mm)- optional
 - Metal Caps for Better Shaping

APPLICATIONS

For Fine filtration in HVAC and plants of all kinds

- Offices, Hospitals, computer centers
- Pharmaceuticals, Food & Beverage industries
- Air Ports, Commercial Buildings
- Any building who has Central air conditioning

CLASSIFICATIONS ACC. TO EN 779

- Filter Class M5 (50-55%) - Orange Color
- Filter Class M6 (60-65%) - Green Color
- Filter Class F7 (80-85%) - Pink Color
- Filter Class F8 (90-95%) - Yellow Color
- Filter Class F9 (95>98%) - Off white Color
- 3 layer filter medium



POCKET - FITTING

- Form stability of the single pocket
- Optimal distribution of incoming Flow due to spacers inside media
- Effective use of the filter area
- Optimal pocket opening

3 LAYERS FILTER

- Spun Bond
- Melt Bond
- Spun Bond
- Best Efficiency
- Low pressure drop
- High dust retention capacity

ASHREA 52.2 VS EN779 CROSS REFERENCE

ASHRAE 52.2	EN779
MERV 1	EN779: G1
MERV 2	EN779: G2
MERV 3	EN779: G2
MERV 4	EN779: G2
MERV 5	EN779: G3
MERV 6	EN779: G3
MERV 7	EN779: G4
MERV 8	EN779: G4
MERV 9	EN779: G4
MERV 10	EN779: M5
MERV 11	EN779: M6
MERV 12	EN779: M6
MERV 13	EN779: F7
MERV 14	EN779: F8
MERV 15	EN779: F9

STANDARD VERSIONS M5-F9

EFFICIENCY/ CLASS	DIMENSIONS MM	NO. OF POCKETS	FILTERING SURFACE M2	AIR FLOW M3/H	PRESSURE DROP PA +/- 5%
M5 50-55%	592X592X500	8/6	42/3.2	3400	70
	492X592X500	5/6	2.7/3.2	2700	70
	592X287X500	3/4	1.6/2.1	1700	70
	592X592X535	8/6	4.5/3.4	3400	65
	492X592X535	5/6	3.4 / 2.8	2700	65
	592X287X535	3/4	1.7/2.3	1700	65
	592X592X600	8/6	5.0/3.8	3400	60
	492X592X600	5/6	3.2/3.8	2700	60
	592X287X600	3/4	1.9/2.5	1700	60
	592X287X600	8/6	5.3/4.0	3400	55
	592X592X635	5/6	3.3/4.0	2700	55
	592X592X635	3/4	2.0/2.7	1700	55

EFFICIENCY/ CLASS	DIMENSIONS MM	NO. OF POCKETS	FILTERING SURFACE M2	AIR FLOW M3/H	PRESSURE DROP PA +/- 5%
M6 60-65%	592X592X500	8/6	42/3.2	3400	90
	492X592X500	5/6	2.7/3.2	2700	90
	592X287X500	3/4	1.6/2.1	1700	90
	592X592X535	8/6	4.5/3.4	3400	85
	492X592X535	5/6	3.4 / 2.8	2700	85
	592X287X535	3/4	1.7/2.3	1700	85
	592X592X600	8/6	5.0/3.8	3400	80
	492X592X600	5/6	3.2/3.8	2700	80
	592X287X600	3/4	1.9/2.5	1700	80
	592X287X600	8/6	5.3/4.0	3400	75
	592X592X635	5/6	3.3/4.0	2700	75
	592X592X635	3/4	2.0/2.7	1700	75

EFFICIENCY/ CLASS	DIMENSIONS MM	NO. OF POCKETS	FILTERING SURFACE M2	AIR FLOW M3/H	PRESSURE DROP PA +/- 5%
F7 80-85%	592X592X500	8/6	42/3.2	3400	110
	492X592X500	5/6	2.7/3.2	2700	110
	592X287X500	3/4	1.6/2.1	1700	110
	592X592X535	8/6	4.5/3.4	3400	105
	492X592X535	5/6	3.4 / 2.8	2700	105
	592X287X535	3/4	1.7/2.3	1700	105
	592X592X600	8/6	5.0/3.8	3400	100
	492X592X600	5/6	3.2/3.8	2700	100
	592X287X600	3/4	1.9/2.5	1700	100
	592X287X600	8/6	5.3/4.0	3400	95
	592X592X635	5/6	3.3/4.0	2700	95
	592X592X635	3/4	2.0/2.7	1700	95

EFFICIENCY/ CLASS	DIMENSIONS MM	NO. OF POCKETS	FILTERING SURFACE M2	AIR FLOW M3/H	PRESSURE DROP PA +/- 5%
F8 90-95%	592X592X500	8/6	42/3.2	3400	120
	492X592X500	5/6	2.7/3.2	2700	120
	592X287X500	3/4	1.6/2.1	1700	120
	592X592X535	8/6	4.5/3.4	3400	115
	492X592X535	5/6	3.4 / 2.8	2700	115
	592X287X535	3/4	1.7/2.3	1700	115
	592X592X600	8/6	5.0/3.8	3400	110
	492X592X600	5/6	3.2/3.8	2700	110
	592X287X600	3/4	1.9/2.5	1700	110
	592X287X600	8/6	5.3/4.0	3400	105
	592X592X635	5/6	3.3/4.0	2700	105
	592X592X635	3/4	2.0/2.7	1700	105

EFFICIENCY/ CLASS	DIMENSIONS MM	NO. OF POCKETS	FILTERING SURFACE M2	AIR FLOW M3/H	PRESSURE DROP PA +/- 5%
F9 <98%	592X592X500	8/6	42/3.2	3400	140
	492X592X500	5/6	2.7/3.2	2700	140
	592X287X500	3/4	1.6/2.1	1700	140
	592X592X535	8/6	4.5/3.4	3400	135
	492X592X535	5/6	3.4 / 2.8	2700	135
	592X287X535	3/4	1.7/2.3	1700	135
	592X592X600	8/6	5.0/3.8	3400	130
	492X592X600	5/6	3.2/3.8	2700	130
	592X287X600	3/4	1.9/2.5	1700	130
	592X287X600	8/6	5.3/4.0	3400	125
	592X592X635	5/6	3.3/4.0	2700	125
	592X592X635	3/4	2.0/2.7	1700	125

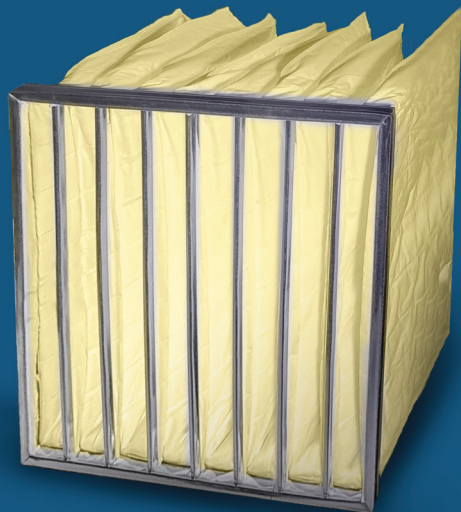
Notes:

- 1- Filters can be operated at 67% to 133% of rated face velocity.
- 2- The actual face dimension of all header sites is 25mm..
- 3- All performance data is based on EN779/ASHRAE 52
- 4- Recommended final resistance: 1.8" W.G/450 Pa for all models.
- 5- Filters are also available in special size
- 6- Gabtic Bag Filters should not be stored or transported in conditions where temperature exceed 70C

Gabtic has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.



AIR FILTERTION TECHNOLOGY



PRODUCT MODEL DESCRIPTION

