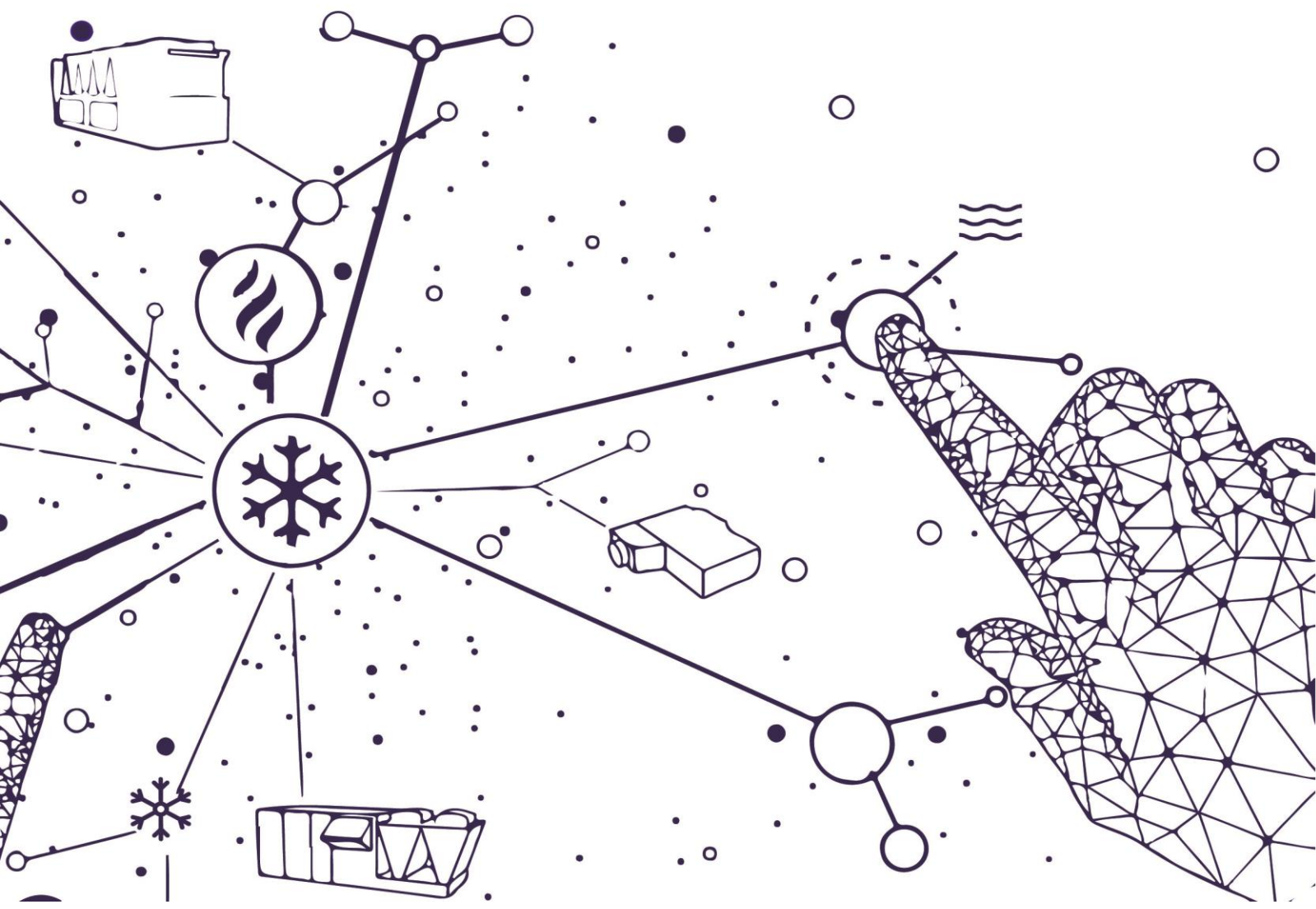


CLIMA VAC





Synthetic Washable Air filter



Contents

Description	1
Applications	2
Classifications According To EN 779	2
Material specifications.....	3



Description

Pre filters are the most common air filters in HVAC systems for industrial and commercial applications as well as for residential use to improve indoor air quality and comfort. The filters in the supply air are used as first stage, either as complete filtration solutions for these applications or cleanroom process applications. The filters are also used in the exhaust air or in recirculation systems to protect the air handling units. Pre filters have a significantly higher dust holding capacity and longer lifetimes than other filters.

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 According To EN 779

- Filter Class G1 (50-65%)
- Filter Class G2 (65-80%)
- Filter Class G3 (80-90%)
- Filter Class G4 >95

Material Specifications

- Frame: Galvanized Steel or Aluminum.
- Media: Multiple Layers of synthetic media.

Initial Pressure via flow rate

Class	Nominal Size WXHxD (Inch)	Actual Size WXHxD (mm)	Rated Air Flow Capacity (m3/h)	Initial Resistance (Pa) Via Rated Flow		
				70%	100%	120%
G3	24x24x2	595x595x47	3400	35	65	90
G3	12x24x2	295x595x47	1700	35	65	90
G3	24x24x4	595x595x98	3400	30	55	75
G3	12x24x4	295x595x98	1700	30	55	75
G4	24x24x2	595x595x47	3400	50	85	110
G4	12x24x2	295x595x47	1700	50	85	110
G4	24x24x4	595x595x98	3400	45	80	105
G4	12x24x4	295x595x98	1700	45	80	105

Fan coil filter -Initial Pressure via flow rate

Dimensions (WxHxD) mm	Filter classification EN 779	Media area m2	Air Flow / Pressure drop m ³ /hr/Pa
595x595x22	G3	0.356	3400/155
295x595x22	G3	0.174	1700/144
595x595x22	G4	0.356	3400/140
295x595x22	G4	0.174	1700/190



Factory Address : 26 km Cairo Alex Desert Rd., Abou-rawash industrial Zone, Giza , Egypt

Technical office: Villa 202, 5th district, 6th October City, Giza, Egypt.

Website: www.GmechGroup.com

Email : GmechEgypt@gmail.com

Tel : 02 36926292 **Mob:** 01021757511 - 01206765636

