



Manufacturing Forward

HVAC Systems

2015

General Catalogue



# Company



## MIKROPOR FILTERS

Founded in 1987 and headquartered in Ankara, Turkey, Mikropor serves industrial filtration markets including air compressor equipment, compressed air purification, power generation, gas turbines, dust collection, clean room, transportation and HVAC.

### Quality, Availability, Competitiveness...

Mikropor is ISO certified, technology-driven and committed to engineering innovations that satisfy customer needs for quality products, reliable filtration performance and value. Continued investment and innovation have delivered a steady stream of new products, services, proprietary manufacturing processes and new technologies that provide continuing value for our customers.

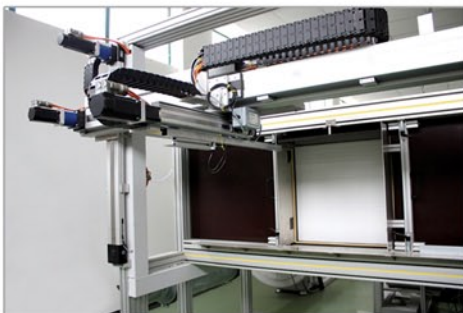


## EN 779 TEST SYSTEM

Mikropor is equipped with complete EN 779 test system to develop new products for market needs, improve performance of existing products and to supply filters accordance with the design specifications.

## EN 1822 TEST SYSTEM

High Efficiency Particulate Air Filters must undergo complete quality and process control from start to finish which involves raw material arrival checks, media integrity checks, frame inspections and final product checks such as EN1822 certification, boxing and product labelling. Mikropor conducts leak and efficiency test on all HEPA / ULPA filters. Test is done automatically according to EN1822 test standard and test report is supplied to the customers along with individual HEPA / ULPA filters.



EN 1822 TEST



EN 779 TEST



### MFM SYNTHETIC SERIES

- PREFILTER MEDIA USED IN AIR CONDITIONING UNITS
- AVAILABLE IN ROLLS AND CUT SHEETS
- EFFICIENCY: G3, G4



### MFM GLASS SERIES

- PAINT STOP MEDIA IN ROLLS AND CUT SHEETS
- DRY AND OIL IMPREGNATED
- EFFICIENCY: G2, G3, G4



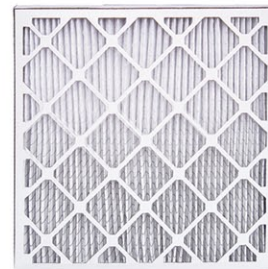
### MPM FILTERS

- DISPOSABLE GLASS PAD FILTERS WITH CARDBOARD FRAME
- EFFICIENCY: G2, G3, G4



### MPP FILTERS

- EXTENDED SURFACE PREFILTERS WITH CARDBOARD FRAME
- SELF SUPPORTING POLYESTER MEDIA
- METAL FREE
- EFFICIENCY: G4



### MSKP-HT FILTERS

- EXTENDED SURFACE PREFILTERS FOR OVENS AND PAINTING CABINS
- EFFICIENCY: G4-M5



### MSKPN FILTERS

- EXTENDED SURFACE PREFILTERS WITH PLASTIC FRAME
- SELF SUPPORTED MEDIA WITHOUT METAL WIRE MESH
- EQUAL PLEAT DISTANCE & FULLY INCINERABLE
- EFFICIENCY: G4



### MSKP FILTERS

- EXTENDED SURFACE PREFILTERS WITH METAL FRAME,
- EXTREMELY DURABLE
- EFFICIENCY: G3-G4



### MPS COARSE FILTERS

- POCKET FILTERS WITH 100% POLYESTER MEDIA
- HIGH DUST LOADING CAPACITY
- AVAILABLE IN GALVANIZED AND PLASTIC FRAME
- EFFICIENCY: G3-G4



### MPR-POCKET FILTERS

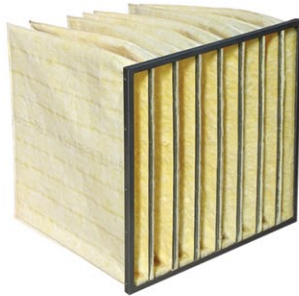
- 100% RIGID POLYESTER MEDIA
- MOLDED PLASTIC FRAME
- EFFICIENCY: G4-M6





**MPG FINE FILTERS**

- POCKET FILTERS WITH MICROGLASS MEDIA
  - LOW PRESSURE DROP DUE TO UNIQUE POCKET DESIGN
  - AVAILABLE WITH GALVANIZED AND PLASTIC FRAME
- EFFICIENCY: M5-F8**



**MPS FINE FILTERS**

- POCKET FILTERS WITH HIGH DENSITY
  - ULTRA FINE SYNTHETIC MEDIA
  - ULTRASONICALLY WELDED TO AVOID LEAKS
  - AVAILABLE WITH GALVANIZED AND PLASTIC FRAME
- EFFICIENCY: M5-F8**



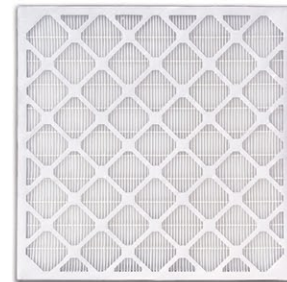
**MVH FINE FILTERS**

- POLYHEDRAL FILTERS WITH VERY LARGE SURFACE AREA
  - LOW RESISTANCE AT VERY HIGH FLOW RATES
  - AVAILABLE BOTH IN GALVANIZED AND PLASTIC FRAME
- EFFICIENCY: M5-F9**



**MMP FILTERS**

- DISPOSABLE MINI PLEATED FILTERS WITH WATER RESISTANT CARDBOARD FRAME
  - HIGH EFFICIENCY LOW RESISTANT
  - MICROGLASS FIBER MEDIA
- EFFICIENCY: M5-F9**



**MICROCELL FILTERS**

- COMPACT AND RIGID DESIGN WITH PLASTIC FRAME
  - HIGH EFFICIENCY WITH LOW RESISTANCE
  - SUITABLE FOR HUMID CONDITIONS
- EFFICIENCY: M5-F9**



**MICROFIL W FILTERS**

- ECONOMIC VERSION OF MICROFIL V FILTERS
  - HIGH DUST HOLDING CAPACITY WITH 2V DESIGN
  - FULLY INCINERABLE
- EFFICIENCY: M5-F9**



**MICROFIL V M FILTERS**

- V SHAPED MINI PLEATED FILTER
  - WIDELY USED FOR DRYING APPLICATIONS IN THE PHARMACEUTICAL INDUSTRY
- EFFICIENCY: M5-F9**



120°C

**MVX FILTERS**

- V SHAPE MINI PLEATED FILTER WITH 440 mm DEPTH
  - MAX. AIR FLOW AND SERVICE LIFE MIN. RESISTANCE
- EFFICIENCY: M5-F9**



### MICROCARB V FILTERS

- HIGH CAPACITY FILTERS FOR ADSORPTION OF GASSES AND ODOUR
- PLEATED MEDIA WITH ACTIVATED CARBON BETWEEN SYNTHETIC LAYERS



### MVHT FILTERS

- V TYPE MINI PLEATED
  - HIGH TEMPERATURE FILTERS
  - MAX. AIR FLOW AND SERVICE LIFE, MIN. RESISTANCE
- EFFICIENCY: M5-F9**



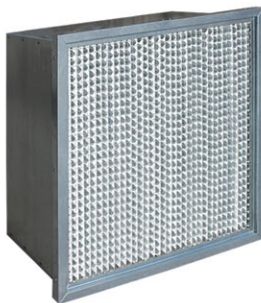
### MICROFIL V FILTERS

- V SHAPED MINI PLEATED FILTER WITH LOW RESISTANCE
  - VERY HIGH DUST HOLDING CAPACITY
  - RESISTANT TO 6000 PASCAL PRESSURE DROP
- EFFICIENCY: M5-F9**



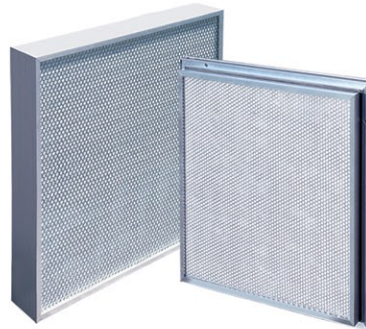
### MASHT FILTERS

- FILTERS WITH CORRUGATED ALUMINUM SEPARATORS
  - WIDELY USED IN DRYING OVENS
  - SILICONE FREE
- EFFICIENCY: M6-F8**



### MPHT FILTERS

- MINI PLEATED HIGH TEMPERATURE FILTERS FOR AUTOMOTIVE INDUSTRY
  - USED IN PAINTING CABINS AND DRYING OVENS
  - SILICONE FREE
- EFFICIENCY: M6-E10**



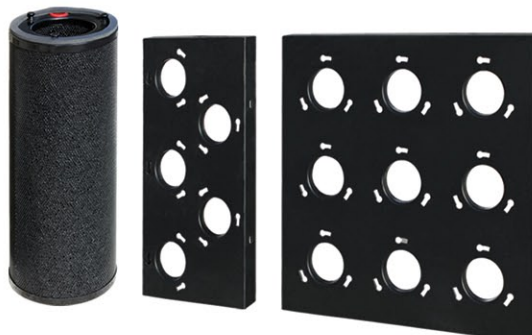
### MSKMP FILTERS

- MINI PLEATED FILTERS WITH METAL FRAME FOR EXTREME DURABILITY HIGH EFFICIENCY
  - LOW RESISTANT MICROGLASS FIBER MEDIA
  - INCINERABLE PLASTIC FRAME MODELS ARE AVAILABLE
- EFFICIENCY: M5-F9**



### MHA SERIE

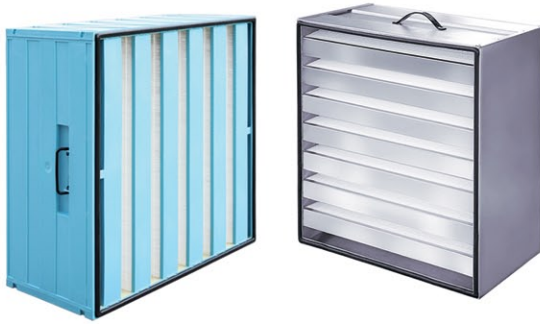
- CYLINDRICAL ACTIVATED CARBON CARTRIDGES FOR DIFFERENT FIXING SYSTEMS
- ALUMINUM AND POWDER PAINTED STEEL CASING
- AVAILABLE WITH STAINLESS STEEL





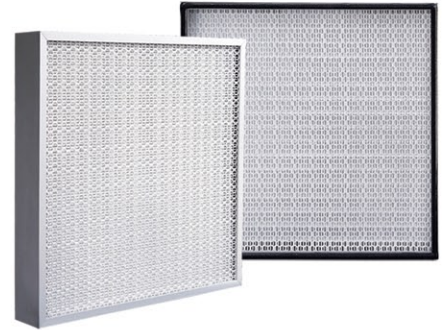
### MVH HEPA FILTER

- FINAL FILTERS WITH MAX. AIR FLOW CAPACITY AND MEDIA AREA
  - HALF ROUND, FLAT OR U-PROFILE GASKET OPTIONS
  - AVAILABLE IN GALVANIZED STEEL AND PLASTIC FRAME
- EFFICIENCY: E10 – U15**



### HFM/HFN FILTERS

- FINAL FILTERS IN CLEANROOMS, OPERATING THEATRES, LAMINAR FLOW UNITS etc.
  - HALF ROUND, FLAT OR U-PROFILE GASKET OPTIONS
  - HFM: 25 mm DEPT PLEAT PACK, HFN: 50 mm DEPT PLEAT PACK
  - AVAILABLE IN MDF AND ALUMINUM FRAME
- EFFICIENCY: E10 – U15**



### HFP/HFS FILTERS

- FINAL STAGE FILTERS FOR HIGHER AIR FLOW RATE WITH LOW PRESSURE DROP
  - HALF ROUND, FLAT OR U - PROFILE GASKET OPTIONS
  - HFP: 75 mm DEPT PLEAT PACK, HFS: 100 mm DEPT PLEAT PACK
  - AVAILABLE IN MDF AND ALUMINUM FRAME
- EFFICIENCY: E10 – U15**



### HFH/HFX FILTERS

- HIGH EFFICIENCY ABSOLUTE FILTERS FOR AIR IN VENTILATION SYSTEMS
  - HFP: 75 mm DEPT PLEAT PACK, HFS: 100 mm DEPT PLEAT PACK
  - LONGER SERVICE LIFE, LESS ENERGY CONSUMPTION
  - HFH: 135 mm DEPT PLEAT PACK, HFX: 150 mm DEPT PLEAT PACK
  - FRAME AND GASKET VARIATIONS ARE AVAILABLE
- EFFICIENCY: E10 – U15**



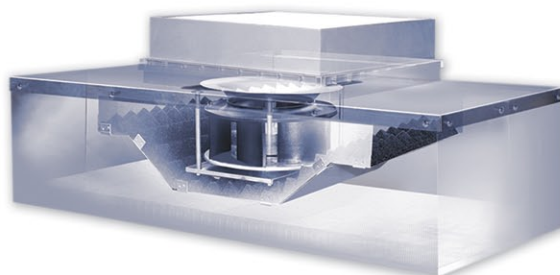
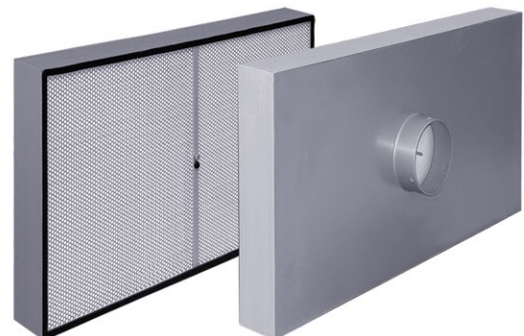
### GEL SEAL FILTERS

- WIDELY USED IN CLEANROOMS AND LAMINAR FLOW CABINS
  - EXTRUDED ALUMINUM FRAME WITH POLYURETHANE GEL SEAL
- EFFICIENCY: E10 – U15**



### MICROHOOD FILTERS

- USED IN INDIVIDUALLY DUCTED CLEAN ROOMS
  - EXTRUDED ALUMINUM FRAME WITH MANY AVAILABLE COLLAR DIAMETERS
  - OPTIONS SUCH AS DOP PORT AND AIR FLOW CONTROL DAMPER
  - ROOM SIDE REPLACEABLE FILTER MODULE IS ALSO AVAILABLE
- EFFICIENCY: E10 – U15**



### FAN FILTER UNITS

- FAN FILTERS ARE COMMONLY USED IN THE CONSTRUCTION OF CLEAN ROOMS
- LOW OPERATING COST
- LOW SOUND LEVEL
- VARIABLE SPEED CONTROL
- REPLACEABLE FILTER MODULE IS ALSO AVAILABLE

# HVAC Systems

[www.mikropor.com](http://www.mikropor.com)

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