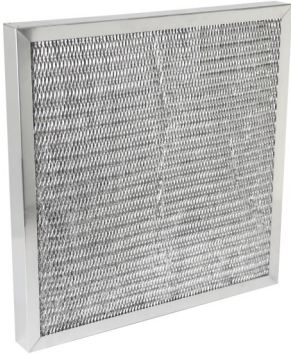




شركة مصنع عالم الناصريه المحدودة  
AL NASSERIAH WORLD FACTORY COMPANY LTD

## AIR FILTERS

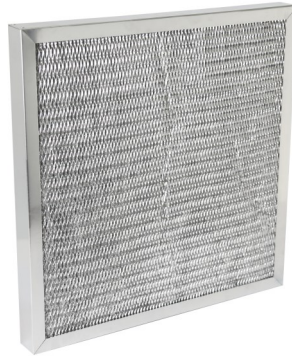


### ANA Air Filters :

HVAC units require different type of filters to purify the air that circulates throughout the commercial and residential systems. This works to capture dust, allergens, mold and other airborne particles and trap within the filter as result, the conditioned air which is pushed through the ducts.



HEPA Filters



Washable Air Filters



Bag Filters

### ANA Air Filters Advantages:

#### ANA HEPA Filters :

- Used as final filters specially in the Hospital HVAC system to filter the particles like dust, bacteria, viruses, aerosols, asbestos, but also pollen, fungal spores and mite excrement.
- Efficiency achieves H13 and H14 (>99.995%) to EN1822:2009
- Used in Hospitals and healthcare, clean rooms, microelectronics, food and beverage, life sciences, laboratories, bio-safety labs, museums, nuclear power and gas turbine applications

#### ANA Washable Air Filters :

- Protects air intakes and coils (AHU,FAHU, PACU etc.) from seasonal debris such as dust, fluff, insects, leaves and other large contaminants.
- Efficiency achieves G1, G2 to EN779:2012 and MERV1 & MERV 3 to ASHRAE 52.2:2007
- 1st stage filter in residential, commercial, industrial, airports, schools, universities, train stations, office buildings, shopping centers, high temperature processes and gas turbine applications

#### ANA Bag Filters :

- Excellent durability, performance, and value for applications that require medium to high efficiencies
- Resists moisture, chemicals and bacterial growth
- Efficiency achieves G4, F5(45%),F6(85%),F7(95%),F9 (98%) to EN779:2002 and MERV 8, MERV 9,MERV 11,MERV 13,MERV 15,MERV 16 to ASHRAE 52.2:2007
- Primary filter in wide range of applications residential, commercial, industrial, airports, schools, universities, train stations, office buildings, shopping centers, high temperature processes and gas turbine applications

### ANA HEPA Filter



HEPA (High-Efficiency Particulate Air Filters) filtration systems are extremely effective at capturing and removing the airborne particles, microorganisms and other contaminants from a facility's indoor air .

#### ANA HEPA Filter features

- Specially designed aluminum separators to prevent pleat to pleat contact and equal air distribution
- Standard and High Capacity models
- Micro glass paper media prevents the microbial growth
- H13, H14 to EN1822:2009
- Certified to UL 900 Edition 8-2015

#### ANA HEPA Specifications

##### Frame :

Galvanized mild steel (Stainless steel upon request) with gasket seal

##### Nominal Depth :

6" and 12" Depths

##### Media and Separator:

Wet laid micro glass paper with high temper aluminum foil separator

##### Recommended Performance:

HEPA filters with Initial resistance of 1.0in.w.g and final of 2 in.w.g. Selection and performance data can be provided upon request.

##### Other features:

Duct Mounted Hepa Filter Unit with Access Door, Hepa Filter Unit with Laminar Air Flow Diffuser (Design and Features are available in ANA Plenum box data sheet).

### ANA Washable Air Filter



Expanded aluminum foils laid in layers and arranged in a cross pattern to form a attractive media for the first stage of filtration to separate the moisture, particles, grease etc.

#### ANA Washable Air Filter features

- Suitable for variable and turbulent air flows
- Light weight and easy to clean and use
- G1, G2 to EN779:2002
- Certified to UL 900

#### ANA Washable Air Filter Specifications

**Frame :**

Galvanized steel (Aluminum or Stainless steel upon request)

**Nominal Depth :**

1" and 2" Depths (Customized sizes and pockets are available upon request)

**Media:**

Expanded aluminum foil layers

**Recommended Performance:**

300 FPM (Face Velocity) with 0.2 in.w.g initial resistance. Selection and performance data can be provided upon request.

**Other features:**

Fresh Air Unit options are available (Design and Features are available in ANA Weather Louvers data sheet)

## ANA Bag Filter



Bag Filters are constructed with multi pockets from three progressive density filter membranes providing low pressure drop , high level efficiency with steady service during the service time.

### ANA Bag Filter features

- Triple layer synthetic filter media providing high mechanical strength
- G4, F5, F6, F7, F8, F9 to EN779:2002 and MERV 8, 9, 11, 13, 15, 16 to ASHRAE 52.2:2007
- Certified to UL 900

### ANA Bag Filter Specifications

#### Frame :

Galvanized Mild steel (ABS plastic frames available upon request)

#### Nominal Depth and No.of Pockets :

12" up to 30" Depths and 3 to 12 pockets (Customized sizes and pockets are available upon request)

#### Media:

Synthetic Filter

#### Recommended Performance:

500 FPM (Face Velocity). Selection and performance data can be provided upon request.

#### Other features:

Fresh Air Unit options are available (Design and Features are available in ANA Weather Louvers data sheet)

