



Since-1980
AN ISO 9001 : 2008
APPROVED COMPANY

Cadillac

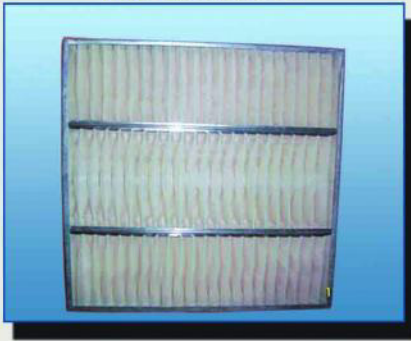
ENGINEERING WORKS



www.cadillacfilter.com

CADILLAC AIR FILTRATION RANGE

HDPE 3/5 PLY AIR FILTER CHDP 3 SERIES



EU 3 TO EU 4 / MERV 4

Suitable HDPE wire mesh three/five layers pleated in deep folds to provide maximum area of filtration, encased in a panel type metallic frame. Pleats are uniformly separated by metallic spacer.

2 to 3 Mtr./Sec.

3 mm. to 6 mm. of W.G

80% to 90%

Coarser, semifine filtration, prefiltration for air conditioning, ventilation system, air intake filter

ALL METALLIC DRY/ VISCOUS FILTER CGIW SERIES



EU2 TO EU 4 / MERV 2 TO 4

5 or more layers of wire mesh of different mesh sizes, pleated and encased in a M.S. frame guarded on both side by expanded metal and oil sprayed to make it viscous.

2 to 3 Mtr./Sec.

3 mm. to 8 W.G.

65% to 90%

Semifine filtration, pre-filtration for air conditioning, ventilation system, air intake filter.

PENTA GAUGE AIR FILTER CGW 5 SERIES



EU 5 / MERV 5

Two layers of suitable cotton fabric and three layers of wire mesh stitched and pleated in deep folds & encased in metallic Panel. One side of the panel guarded by expanded. Metal/Heavy wire net and other side is provided with metallic spacer.

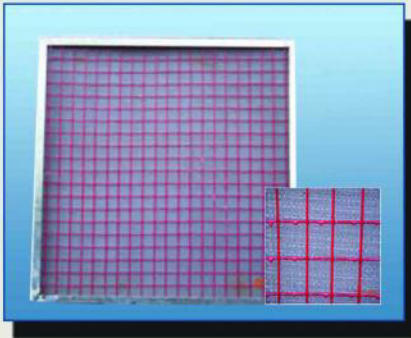
2 to 3 Mtr.

6mm. of W.G.

90%

Semifine filtration / compressed airtake filter.

SYNTHETIC FIBRE FILTER CSCF SERIES



EU 4 / MERV 4

Special synthetic fibre media both side reinforced by HDPE/Nylon wire net encased in metallic panel type frame duly guarded by grill which is PVC coated for camically non reactiveness.

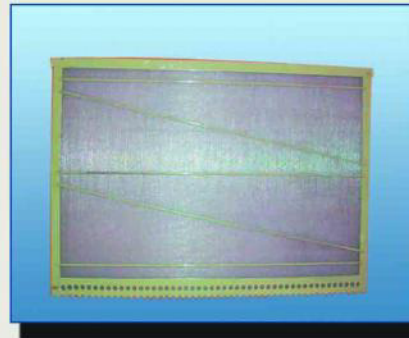
2.5 to 3 Mtr./Sec.

4 to mm. of W.G.

90%

Semifine filtration for air conditioning and ventilation system specially for corrosive environment.

PVC SHEET AIR FILTER CPVC SERIES



EU 3 TO EU 4 / MERV 3 TO 4

Suitable grade of PVC sheets (several layers) specially perforated, crimped & arranged into a metallic casing both side protected by metallic weld mesh/rod.

2 to 3 Mtr./Sec.

7 mm. of W.G.

75 to 92%

Semifine filtration for heavy duty use, side wall ventilation for carbody and diesel loco for corrosive environment uses.

ROD TYPE AIR FILTER CRP SERIES



EU 3 TO EU 6 / MERV 3 TO 5

Multilayer HDPE/ Non woven is used as media around the rod by which media can be used upto its maximum dust holding capacity. Both side scaled with PU adhesive.

2-3 M/S Maximum

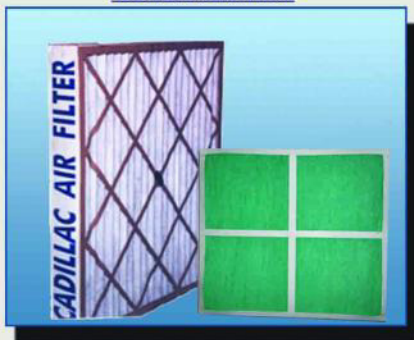
4 mm to 15 mm of W.G.

90% to 95%

Air conditioning unit, ventilation system, spray booths, compressor suction filter etc.

CADILLAC AIR FILTRATION RANGE

CHIP BOARD FILTER CCB 5 SERIES



EU 3 TO EU 5 / MERV 5 TO 7

Synthetic fibre filter fleece, reinforced on the air outlet side with a wire bordered with a cardboard frame with pleated / pad (glass fibre / synthetic) type Media.

1.5 to 2 Mtr./Sec.

5 mm to 7 mm. of W.G.

80% to 97%

Air conditioning units, ventilating systems, Slip Ring Generator, Gasturbine as a Pre filter.

AUTOVISCIOUS FILTER



EU 3 TO EU 5 / MERV 3 TO 6

This filter utilises a rotating metal screen as the filtering media and is backed by an oil drop eliminator to avoid oil carry over into the air stream. made out of heavy M.S. sheet. The movement of the filter screen controlled by a timer.

2 Mtr./Sec.

2 to 5 mm of W.G.

85%

Suitable for coarse filtration where minimum maintenance is required.

ROLLOMATIC FILTER



EU 5 TO EU 9 / MERV 5 TO 9

It is an automatic renewable media filter in which the glass fibre/synthetic filter media is automatically fed into the air stream and re-rolled after it has accumulated its dust load.

1.5 to 3 Mtr/Sec.

3 to 12 mm of W.G.

85 to 98%.

Air conditioning units, ventilation systems, painting cabins (pre-filter), cooker hoods (fume absorbers).

SURFACE TYPE FILTER CSF SERIES



EU 3 / MERV 3 TO 5

1 layer of synthetic hyloft sandwich between HDPE/Nylon wiremesh and encased in rexine cover fitted into a PVC coated M.S. rod grid with elastic cord and hook.

2.5 to 3 Mtr/sec.

3 to 6 mm. of W.G.

85%-95%

For suction Air Filter, engine room filter, compressor room filter, FCU filter etc.

DRY FABRIC FILTER CDF SERIES



EU 5 TO EU 7 / MERV 5 TO 7

Special compressed woollen felt/synthetic needle felt stitched with wire net and pleated in deep folds, encased in metallic panel type casing. Spacers made out of aluminium sheet will be provided to segregate the Pleats of Filtering Media.

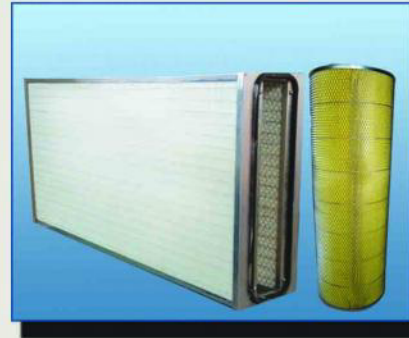
1.5 to 2 Mtr./Sec.

6 to 15mm. of W.G.

90 to 99%

For fine filtration of ventilation system, suction air filter for compressor.

PULSE TYPE PAPER FILTER CARTRIDGE CASE SERIES



EU 6 TO EU 8 / MERV 9

Organic endure type paper pleated separated and encased in a specially designed metallic casing or cap. The pleats are duly spaced as well as reinforced by lines of special adhesive. Cleaning is done by air pulse.

1 to 3 Mitre/Sec.

10 to 25 mm. of W.G.

90 to 99.9%

Suction air filter for augmented self-cleaning air filtration system/gas turbine etc.

CADILLAC AIR FILTRATION RANGE

SUCTION (CIRCULAR) AIR FILTER



EU 7 TO EU 9 / MERV 9

Cellulose cured and no cure paper pleated separated and encased in a specially designed metallic cap and inner and outer perforation sheet with special thermosetting adhesive.

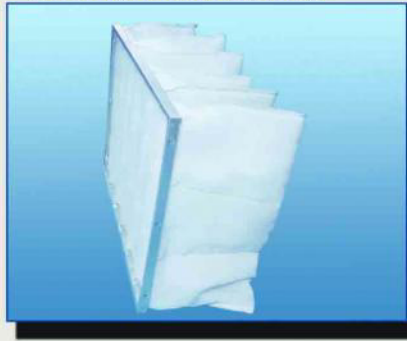
1 to 2.5 Mtr./Sec.

10 to 25 mm. of W.G.

90 to 99%

For Air filtration systems, heavy earth moving machineries (HEMM), Air compressor etc.

MULTI POCKET TYPE BAG FILTER CMPB SERIES



EU 5 TO EU 9 / MERV 5 TO 10

Made out of Hyloft H.D.P.E. Pack, Sandwich Synthetic Felt with Nylon Cloth/ Tissue. Micro Glass Fibre. 2 to 12 nos. Pockets in a metallic Frame Makes it Fitment Easy.

1.5 to 3 Mtr./Sec.

6 to 16 mm. of W.G.

90 to 99%

For Air Ventilation System e.g. Sofisticated Industrial Assembly Rooms, Hospital, Air port or as a dust Collector of Cement Plant, Brick Processing Unit etc.

CYLINDER TYPE BAG FILTER CMPB SERIES



EU 8 TO EU 9 / MERV 12

CYLINDER TYPE BAG FILTER are Made of Synthetic Needle Felts, Acrylic Fiber, Nomex, Ryton, Glass Fiber (for more than 300° C temperature). This Material can be Surface Treated with PTFT, Teflon for Water Repellence, fire Resistance and Nonsticky Properties.

1.2 to 1.5 Mtr./Min.

6 to 12 mm. of W.G.

95% to 99%

For Industrial Dust Control in Power Station, Cupula, Salt Processing, Brick Processing Unit, Ceramic Works.

GLASS FIBRE FINE FILTER DURACELL 60/90



EU 7 TO EU 9 / MERV 9 TO 15

Made with fine water resistance glass fibre pleated and spaced by alluminium/paper separator and housed in a single or double flanged G.I. casing.

1 to 1.5 Mtr./Sec.

12 mm. to 22 mm. of W.G.

95 to 99.9%

Fine filters for air separation plant, centrifugal compressors, gas turbine Unit etc.

MINIPLEATE FILTER CMP SERIES



EU 6 TO EU 9 / MERV 9 TO 18

The basic media of these filters are either glass fibre paper or cellulose and synthetic fibre mix paper. The separator used are hotmelt type & are suitable to work up to temp. of 300 c. The media packs encased in aluminium plywood on GI trams with no metallic Spacer.

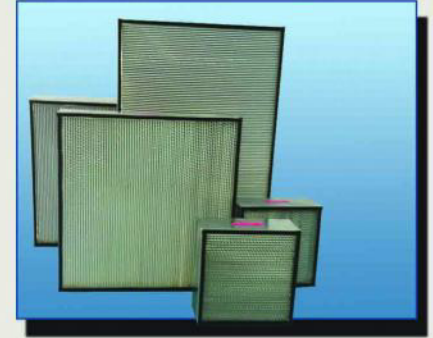
1.5 to 2 Mtr./Sec.

10 to 15 mm of W.G.

98% to 99.97%

For multistage filter system in A.C.V. system, micro electronic, medicine, motion picture film & compressors.

ABSOLUTE TYPE HEPA FILTER HEPA SERIES



ABSOLUTE / MERV 18

Filter Media Fabricated from Water Proof 100% Micro Glass Fibre Paper Pleated Over Corrugated Paper/Aluminium/Paper Board separator, Encased in an M.S./Plywood Frame. Neoprene Sponze Rubber Sealing Provided for Leakproof Sealing.

0.5 to 1.5 Mtr./Sec.

12 mm. of W.G. to 25 mm. of W.G.

99.97%

For Absolute Filter.

CADILLAC LIQUID FILTRATION RANGE



STRAINERS ELEMENTS

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CADILLAC INLINE STRAINER e.g. 'Y' type. 'T' type, conical, disc type, cartridge and basket type are suitable for liquid chemicals, water, Lube, fuel & hydraulic oil down to 2 micron of Filtration. CADILLAC MAGNETIC CANDLE FILTER is made to eliminate Iron from any kind of liquid upto 700-1000 gms. per Candle.

DUPLEX STRAINER

CADILLAC DUPLEX STRAINER are specially used where non-interruption of flow is required. The casing/body is made in two parts and with integral change over valve for maximum utility.

BACK FLUSHING STRAINER

CADILLAC BACK FLUSHING Unit is specially designed filtration system with non-interruption of flow and automatic cleaning of Filter Element.

PORTA FILTER

CADILLAC PORTA FILTER is used for cleaning the oil outside of the system. Due to portability it can be used for more than one system also. Rating 10 to 500 micron.



PORTA FILTER



HYDRAULIC FILTER



BACK FLUSHING STRAINER

CADILLAC ALL METAL SELF CLEANING FILTER

CADILLAC DISC TYPE SELF CLEANING FILTER operate on edge filtration principle, no replacement of element is needed. CADILLAC SELF CLEANING FILTER are basically of manual and automatic type. In manual type a handle is fitted on the top which have to manually rotate to clean the elements. In automatic types, rotating is done by motor itself to clean the element. Self cleaning filter is suitable for any type of viscous liquid at constant pressure drop and continuous operation. typical applications are lube oil, hydraulic oil, other Petroleum oil, coolant fluid, water/oil-emulsion, propylene etc.



DUPLEX STRAINERS



'Y' TYPE STRAINER



SIMPLEX STRAINER WITH QUICK OPENING SYSTEM

CADILLAC STRAINER'S CASING/BODY is made out of fabrication or casting to withstand high pressure. The elements are generally made out of wiremesh etc. as per application.



ATOMATIC SELF-CLEANING FILTER

CADILLAC PNEUMATIC & GAS LINE FILTRATION RANGE



'CADILLAC' COMPRESSED AIR LINE FILTER-CUM-MOISTURE SEPERATOR(Type : Elements,centrifuge,cyclone) suitable for installing in compressed air line for removal of moisture,oil,scale and other particles(95% down to 3 micron). Ideally suitable for pneumatic tools. paint-spraying booth, vacuum break system, pneumatic instrumentation etc.It is capable of reducing moisture and oil content from 2000 PPM to 100 PPM at very low pressure drop. Various models are available for handling small to High volume of air at different pressure.

'CADILLAC HEATLESS AIR DRYER UNIT' For Continuous Dry Compressed Air Supply. It Ensure Compact Design Consistant Due Point Low as -40°C and Minimum Purge Air Uses and Low Pressure Drop and Optimising Service Life. Specially Designed Pre-filter and After-filter Ensures Highest Quality of Compressed Air. It is Available from 5 Mtr³/hr Air Capacity to 1000 Mtr³/hr. Pressure Vessels of the Air Drying Unit are Manufactured as Per IS/ASME/API Code.



CADILLAC AIR OIL SEPERATORS are specially designed to eleminate maximum possible (morethan 97.7%) droplets, vapours and aerosols as well as moisture and solid particals up to sub-micronic size from compressed air. CADILLAC THREE STAGE AIR OIL SEPERATORS having high efficiency 'Coalescing' media which is logically economic and efficient.

'CADILLAC' ZERO OIL FILTER is recommended where absolute oil free air and gas (99.999%) is required. zero oil filter is designed to remove all three state of oil i.e. liquid oil, oil/water emulsion and oil vapour with high degree of accuracy.



CADILLAC' GAS FILTER is specially designed to eleminate liquid droplets from industrial gas .It is also remove solid particle down to 1 micron. The application of this GAS FILTER is recommed for different gas e.g. oxygen,hydrogen & flue gas etc.The elements of gas line is usually of sintered bronze, syntered Plastic, synthetic and woolen felts glass fiber span bond polyester Fabric etc.

CADILLAC ENGINEERING WORKS

MANUFACTURER OF INDUSTRIAL FILTERS AND STRAINERS

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WORKS : KARBALA, KUMRAKHALI, P.O. - NARENDRAPUR, KOL - 103



FOR DETAILED TECHNICAL BULLETIN OF EACH PRODUCT, PLEASE WRITE TO US.

TYPE & MODEL 

FILTER GRADE : [NEAREST] 

MEDIA & CONSTRUCTION 

RECOMMENDED AIR VELOCITY 

INITIAL ▲ P 

AVERAGE SYNTHETIC DUST ARRESTANCE 

AS PER ASHRAE 52.1 - 1999 / 52.2 - 2007

APPLICATION 


TYPE & MODEL 

FILTER GRADE : [NEAREST] 

MEDIA & CONSTRUCTION 

RECOMMENDED AIR VELOCITY 

INITIAL ▲ P 

AVERAGE SYNTHETIC DUST ARRESTANCE 

AS PER ASHRAE 52.1 - 1999 / 52.2 - 2007

APPLICATION 



COMPREHENSIVE RANGE OF PRODUCT

- 1) All types of Filter and Filter Elements for every Industrial Application.
- 2) Filter and Filter Elements for Heavy Earth Moving Equipments, Air Compressors (Air, Oil, A.O.S.) I. C. Engines, Transformers and Hydraulic System.
- 3) In-line / Process line filter / Strainer (Mono and Duplex, Back Flushing Unit, Self Cleaning) for Water, any Petroleum oil, Hydraulic Fluid, Water-oil Emulsion, Solvents and Gas Line.
- 4) Panel type Suction Air Filter of Various type and Grade for Air conditioning, Ventilation, Air Handling, Pollution Control System, Rail-Coach Air Conditioning etc.
- 5) Compressed Air Line Filter cum Moisture Separator, Activated Carbon filter, Air Drying Unit, Ceramic Candle Filter, Sintered Metal Filter and Zero Oil Filter for compressed Air and Gas Application.
- 6) All types of filters for Railway Diesel / Electric Locomotives, A.C. Coaches and EMU's.
- 7) Bag Filter/Dust Collector for dust and other Fine Granules collection.
- 8) Augmented self cleaning Suction air Filter of Suction Air and Oxygen Plant Air/ Gas Compressor / Turbine Plant.
- 9) Automatic Dry/Viscous Air Filtration Unit.
- 10) Comprehensive service of Filtration and Separation System.

Each of our Product is covered under WARRANTY of Proper Efficiency, Best Workmanship and Desired Life.

CADILLAC FILTER ---- BEST FOR DESIRED DEGREE OF FILTRATION.

FOR DETAILED TECHNICAL BULLETIN OF EACH PRODUCT,
PLEASE WRITE TO US.