

Owens-Illinois Glass Company

Industrial Materials Division

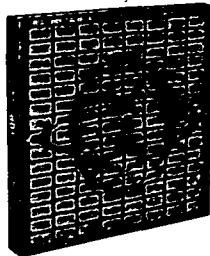
MANUFACTURERS OF DUSTOP AIR FILTERS

Toledo, Ohio

DUSTOP

The Original Replacement Type "Dustop"—the Glass Wool Air Filter of High Efficiency and Low-Cost-for-Use in All Types of Ventilating Systems or Wherever Air is Mechanically Circulated

Dustop—The Owens-Illinois glass wool air filter—is the modern answer to the demand for low cost, efficient air filtration. Dustop filters can be assembled in any required number of units to clean air in every type of commercial and industrial building. Dustop maintains a high efficiency in removing dust, dirt, lint, pollen, bacteria and other harmful impurities from circulated air.



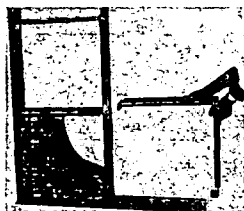
Dustop is simple in design and operation—progressively packed—ready for use—easily disposed of when dirty—3 to 6 months between changes—efficient—odorless—light in weight. Because of its many outstanding features Dustop is one of the most desirable filters on the market.

FILTERS INSTALLED in TWO Arrangements

The "L" Type for Plane Bank Arrangement

Rating

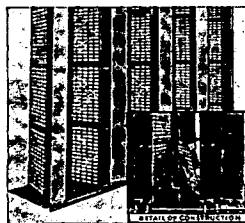
Capacity per unit, 800 c.f.m.
Maximum velocity, 300 f.p.m.
Resistance at rated capacity (two filters in tandem), Clean, .25 in. w.g.; Dirty, .38 in. w.g.



Overall Size of Frame Unit
(One complete "L" or 800 c.f.m.)
Width, 20 in. Height, 20 in. Depth,
4 1/4 in. Uses standard 20 x 20 x 8
Dustop Filter

The "V" Type for Limited Space Rating

Capacity per unit, 1000 c.f.m.
Maximum velocity, 300 f.p.m.
Resistance at rated capacity (two filters in tandem), Clean, .25 in. w.g.; Dirty, .38 in. w.g.



Overall Size of Frame Unit
(One complete "V" or 1000 c.f.m.)
Width, 30 in. Height, 20 in. Depth,
27 in. Uses standard 20 x 25 x 8
Dustop Filter

FRAME CONSTRUCTION FOR ANY C.F.M. CAPACITY

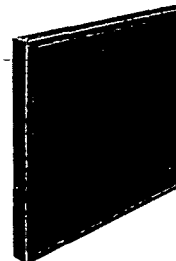
Sold by fan, blower, unit and air conditioning manufacturers and our authorized distributors—everywhere.

Replacements—Stocked by our authorized distributors in all trading centers.

W. R. Ripley Company

318 North E Street, Tacoma, Washington

Patent applied for



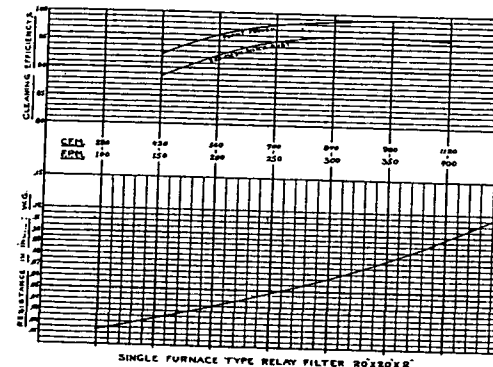
RELAY DUST PAD AIR FILTERS

Instead of destroying the filter cell, the filtering element is merely replaced. The expanded metal faces of the cell are permanent. One face is easily removed. A new filtering element, consisting of a fabricated pad of vegetable fibers, replaces the dirty pad. This means approximately a 50 per cent saving in the cost of replacing filters.

The viscous treated dust pad comes in intimate contact with filter cell racks. This not only increases the filtering area, but prevents dust and soot from sifting around edges of filter cell.

TECHNICAL DATA

The efficiency and resistance curves were plotted from tests conducted by the E. Vernon Hill Co., Chicago, Ill. Instead of using a mixture of dust containing lint and coarser particles, two standard substances were used. The efficiency shown for catching plant pollen for a single furnace type filter is 98 1/2 per cent, and for ground silica dust, 200 mesh and finer, 96 per cent.



The expanded metal faces have the metal turned edgewise to the air stream, giving a maximum effective area. With greater effective area, this filter has a lower air resistance and greater capacity.

Relay Filters fit frames designed to hold standard filter cells.

Manufacturers of air conditioners can lower their air filtering costs and increase their capacities by using Relay Air Filters.

We are also exclusive sales agents for the Goss Humistat for the control of Relative Humidity.