

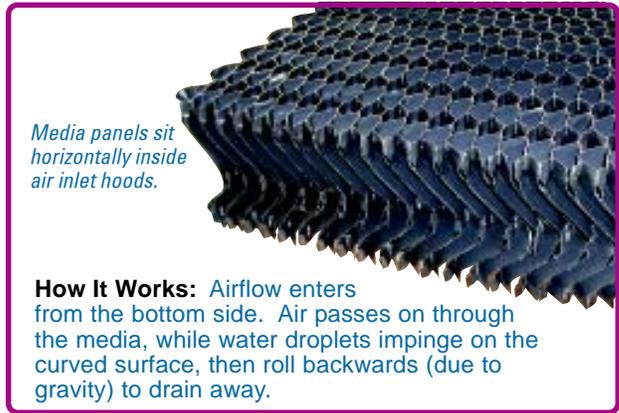
# Inlet Moisture Removal

## Moisture Separation Panels inside Air Inlet Hoods

The panels inside the air inlet hoods on GD<sub>X</sub>, GDS and other Donaldson filter houses are made of sturdy polymer material and have no moving parts, so don't get replaced often. But, over 15 to 20 years, they may experience some general deterioration and need replacement.

When you call, tell us your filter model number and/or serial number, or tell us the dimensions of your panels. Buy a piece to replace deteriorated pieces, or buy a kit, which contains enough media & mounting hardware for an entire module of the filter house.

These also serve as bird/trash screens. See information about bird/trash screens on page 23.

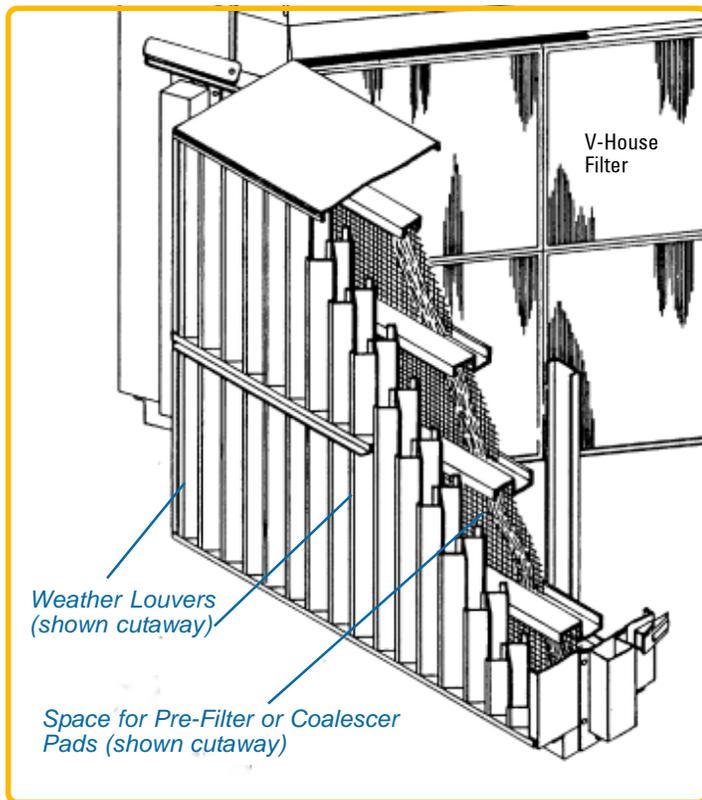


Media panels sit horizontally inside air inlet hoods.

**How It Works:** Airflow enters from the bottom side. Air passes on through the media, while water droplets impinge on the curved surface, then roll backwards (due to gravity) to drain away.

### Water Separation Media

Part No.	Description
39068	1 panel
AD83630	Kit for GD <sub>X</sub> /GDS



## V-House Water Separation Parts

### Louvers

The white vinyl louvers typically used on Donaldson V-House style filtration units (TMD, TJD, etc) employ inertial separation principles to remove rain, sleet & snow from the incoming airstream. While they don't wear out, they can incur damage (dents, tears, etc) from accidents with nearby machinery, and may need full or partial replacement. Donaldson louvers are sold in convenient sections so that you can replace only the damaged part, not the entire panel.

### Pre-Filters & Coalescers

Between the white weather louvers and the panel filters on a Donaldson V-House System, there's a slot for either a pre-filter pad or a moisture eliminator/coalescer pad. Which you have depends on your environment -- pre-filters capture dust, while moisture eliminators coalesce the small water droplets that pass through the weather louvers. (Collected water is eliminated from the system via a Vacuator™ Valve at the bottom.)

Part Number	Description	Material or Media	Dimensions
P12-5343	Weather Louver	white vinyl	41.15" X 5"
P12-5350	Weather Louver	white vinyl	61.56" X 5"
P12-5342	Mist Eliminator	Polypropolene mesh (black)	10.75"W x 41.5"H x 1"D
P12-5349	Mist Eliminator	Polypropolene mesh (black)	10.75"W x 61.75"H x 1"D
P12-5416	Pre-Filter	polyester pad (white)	10.75"W x 41.5"H x 1"D
P12-5417	Pre-Filter	polyester pad (white)	10.75"W x 61.75"H x 1"D