

# Sturdipac Filter

## Separator Type

### Medium / High Efficiency Filter

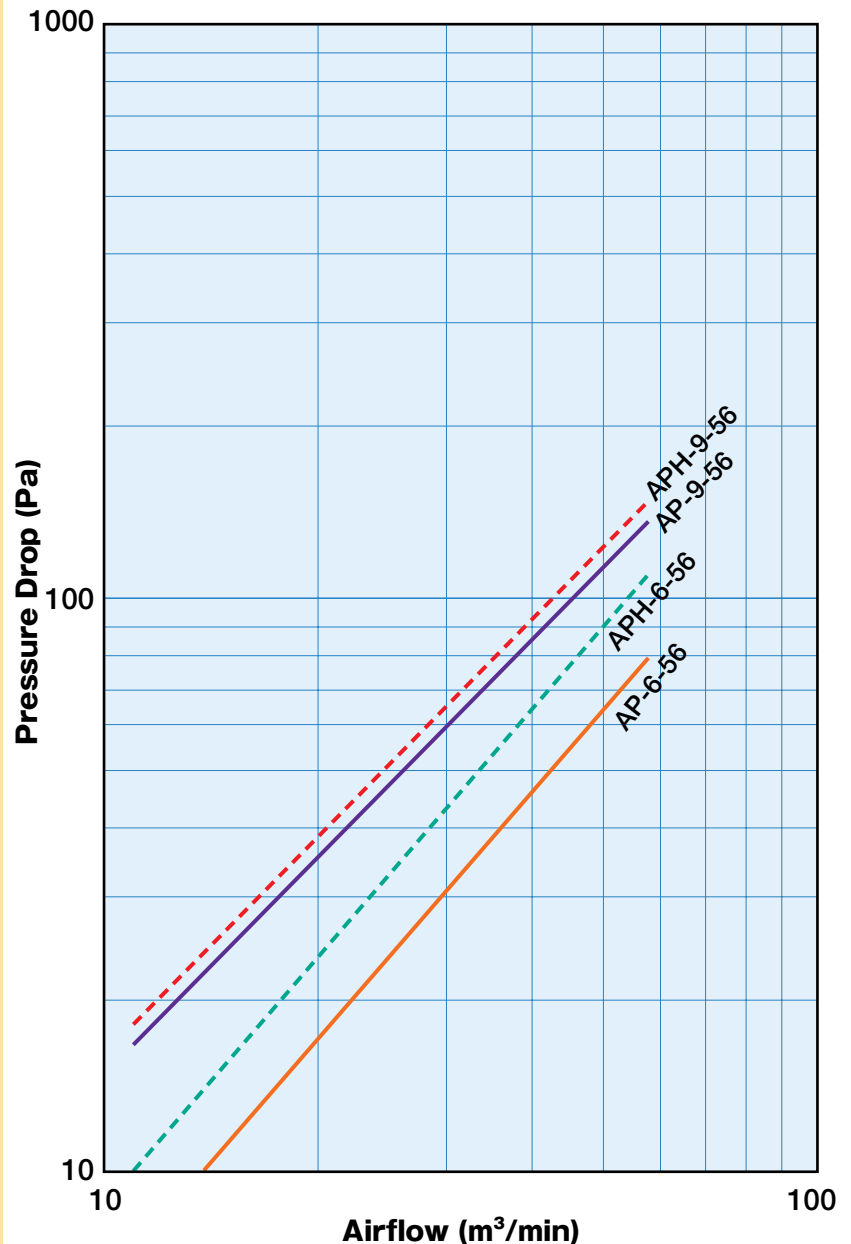
#### STURDIPAC FILTER

|                    |   |
|--------------------|---|
| Model              | AP□-□-□                                 |
| Test Method        | JIS B 9908 Light Scattering Integration |
| Average Efficiency | 90%+, 60% +                             |

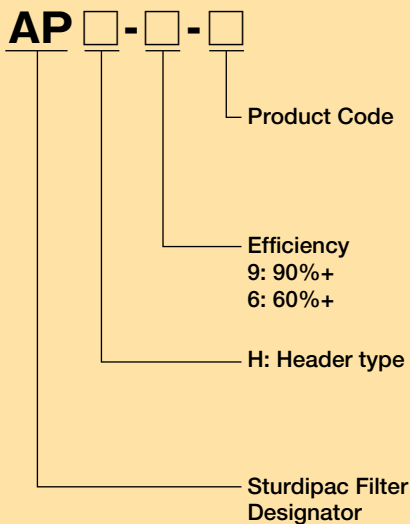
(Filter shown includes header)

- Retention capacity 1.5~2 times greater than standard CP filters
- Long Service Life
- Available with particle collection efficiencies of 60%+ and 90%+
- Effective in elimination of atmospheric dust and pollen
- Steel wire separator increases filtration efficiency

#### Pressure Drop (Initial)



#### Model Designators



## Standard Specifications

| Model    | Rated Airflow Volume (m <sup>3</sup> /min) | Pressure Drop (Pa) |       | External Dimensions (mm) |       |       | Average Efficiency (%) | Weight (kg) |
|----------|--|--------------------|-------|--------------------------|-------|-------|------------------------|-------------|
|          |  | Initial Max        | Final | Height                   | Width | Depth |                        |             |
| AP-9-56  | 56   | 137                | 343   | 610                      | 610   | 292   | 90+                    | 7.3         |
| AP-6-56  |  | 78                 | 245   |                          |       |       | 60+                    |             |
| AP-9-28V | 28   | 137                | 343   | 610                      | 305   |       | 90+                    | 4.4         |
| AP-6-28V |  | 78                 | 245   |                          |       |       | 60+                    |             |
| AP-9-28H | 28   | 137                | 343   | 305                      | 610   |       | 90+                    | 4.4         |
| AP-6-28H |  | 78                 | 245   |                          |       |       | 60+                    |             |
| AP-9-12  | 12   | 137                | 343   | 305                      | 305   |       | 90+                    | 3           |
| AP-6-12  |  | 78                 | 245   |                          |       |       | 60+                    |             |

## Header Type

| Model     | Rated Airflow Volume (m <sup>3</sup> /min) | Pressure Drop (Pa) |       | External Dimensions (mm) |       |       | Average Efficiency (%) | Weight (kg) |
|-----------|--|--------------------|-------|--------------------------|-------|-------|------------------------|-------------|
|           |  | Initial Max        | Final | Height                   | Width | Depth |                        |             |
| APH-9-56  | 56   | 147                | 343   | 592                      | 592   | 292   | 90+                    | 8.3         |
| APH-6-56  |  | 108                | 245   |                          |       |       | 60+                    |             |
| APH-9-28V | 28   | 147                | 343   | 592                      | 287   |       | 90+                    | 4.9         |
| APH-6-28V |  | 108                | 245   |                          |       |       | 60+                    |             |
| APH-9-28H | 28   | 147                | 343   | 287                      | 592   |       | 90+                    | 4.9         |
| APH-6-28H |  | 108                | 245   |                          |       |       | 60+                    |             |
| APH-9-12  | 12   | 147                | 343   | 287                      | 287   |       | 90+                    | 3.1         |
| APH-6-12  |  | 108                | 245   |                          |       |       | 60+                    |             |

## Component Materials / Usage Specifications

| Model                |  | AP□-□-□  |
|----------------------|--|--|
| Component Materials  | Media                                      | Glass Fiber (with Galvanized Steel Face Guard) |
|                      | Separator                                  | Steel Wire                                     |
|                      | Frame                                      | Galvanized Steel                               |
|                      | Gasket                                     | Urethane                                       |
| Usage Specifications | Max. Continuous Operation Temperature (°C) | 60   |
|                      | Max. Peak Humidity (%RH at 0 Condensation) | 98   |