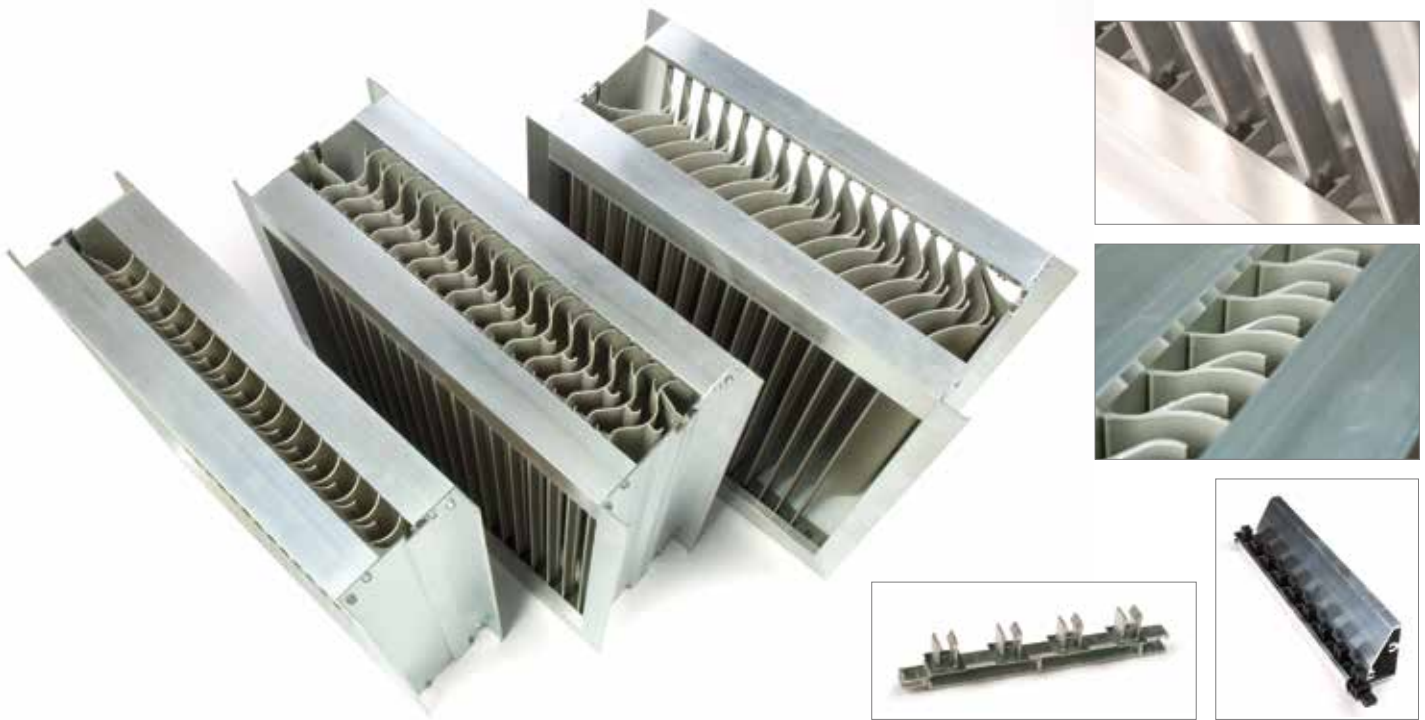


Droplet Separator **PSG10 / PSG20 / PSG33**



APS Arosio has designed this Droplet Separator system in order to fully meet the requirements of the manufacturers and provides an integrated water drainage system that does not require further machining on the profiles.

The new anchor concept of the blades significantly improved the assembly times and the special design of the nylon molded profiles (pitch 25mm and 33mm), allows to apply more easily and safely the blade profiles PSG10, PSG20 and PSG33 (in their versions in polypropylene, black polypropylene and aluminium).

The sturdiness and solidity of the system are also guaranteed by the new aluminium profiles PSG-000000, offering the advantage of using the same code for the 3 different types of separators. In order to grant the same performances also in the separators built in big dimensions, APS Arosio introduced the PSG-100000 profile.

Construction:

- Frame - Extruded aluminum, EN AW 6060 T6
- Blade - 3 different design of extruded polypropylene, black polypropylene and aluminium (EN AW 6060 T6)
- Special system of anchorage in nylon or aluminium
- Adjustable closing profile

Design:

- Temperature - working condition range of 130° C polypropylene - 70° C black polypropylene
- Blade - 25mm / 33mm pitch
- Polypropylene
- Materials according to ROHS / PAK
- Hygienic Certificate in ILH Berlino laboratories

Options:

- Anodized / painted profiles
- Secondary process on the frame (ex. blunted corners and holes)
- Certified silicon and halogen agents free
- Materials according to VDI6022

“APS AROSIO” DROPLET SEPARATOR

- Before starting droplet separator assembly, please read the assembly instructions carefully.
- Working operating conditions depend on blades and anchorage system material.
- Arosio droplet separators are designed to be used in Air Handling Units. For other applications please contact us.
- APS Arosio can only guarantee full functionality if you purchase complete droplet separators from us.
 - If you built them by yourself using our original components we guarantee the functionality in principle predicted that the droplet separator is built and mounted in according to our instructions and with professionalism.
 - If only individual parts are purchased, we are only responsible for the components quality, dimensions and tolerances.
- Pay attention to the fixation/installation of the droplet separator, otherwise APS Arosio will not be responsible for the functionality.
- Avoid the use of aggressive solvents or acid solutions.
- All our products are guaranteed against defective workmanship and material for a period of one year, from the date of shipment. If a defect should develop within one year, return the equipment or the part, with prepaid freight to our factory, where they will be checked and repaired or replaced, according to our judgement. No responsibility is taken by us in case of damages caused by corrosion or erosion. No responsibility is taken by us for losses and damages caused by use or misuse of our products. No guarantee is granted by us in the event of bad or wrong installation of our products.

A.P.S. Arosio S.p.A.
Arosio Claudio
The Sole Director

Dimensional details

PSG10

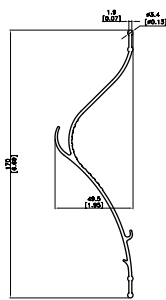
TECHNICAL DATA

Max profile lenght 6000 mm / 234"

PSG10-0400 Blade profile h. 170 mm / 6.69"



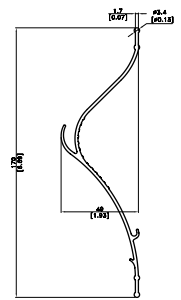
Material: **EN AW 6060**
Finish: **Natural / Painted / Anodized**
Treatment: **T6**
Weight: **1.269 kg/m**



PSG10-0R03 Blade profile h. 170 mm / 6.69"



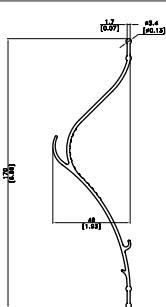
Material: **PP**
Weight: **0.470 kg/m**



PSG10-0300 Blade profile h. 170 mm / 6.69"

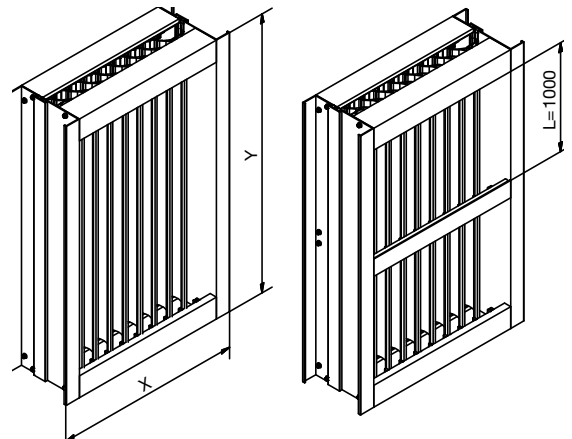


Material: **PP + Antibacterial certified VDI6022**
Weight: **0.470 kg/m**

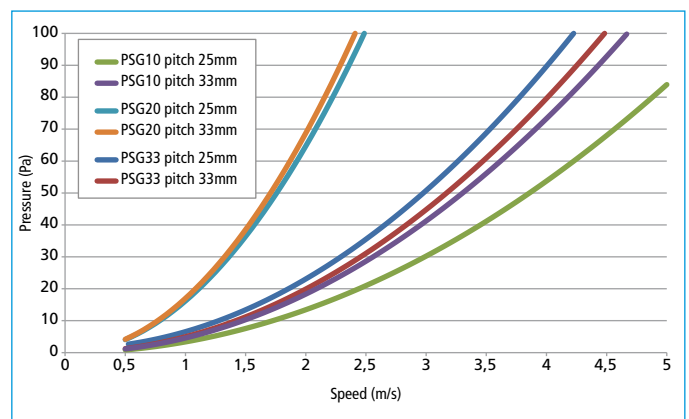
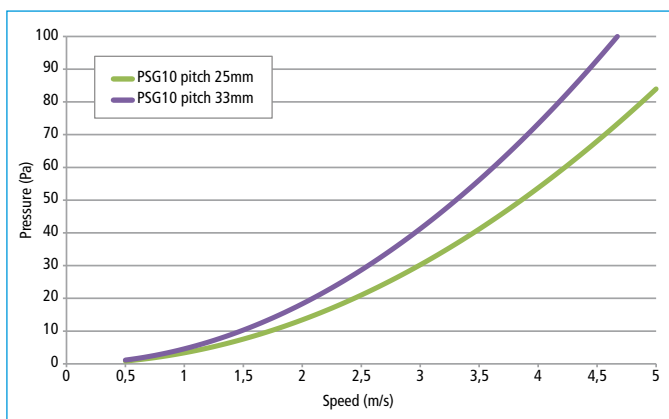


Cutting table

Top/Bottom profile PSG-000000	= X - 60 mm
Shoulder profile PSG10-0200	= Y
Aluminium blade profile PSG10-0400	= Y - 50 mm
Polypropylene blade profile PSG10-0300 / PSG10-0R03	= Y - 50 mm
Closing profile PSG-06-000	= Y - 48 mm
Reinforcement profile PSG-100000	= X - 60 mm



PSG10 Test - Pressure drop / ISTITUTO GIORDANO



Dimensional details

PSG33

TECHNICAL DATA

Max profile lenght 6000 mm / 234"

PSG33-0400 Blade profile h. 101 mm

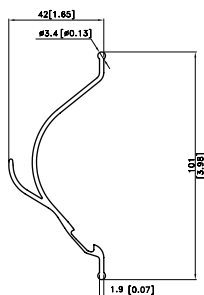


Material: **EN AW 6060**

Finish: **Natural / Painted / Anodized**

Treatment: **T6**

Weight: **0.852 kg/m**

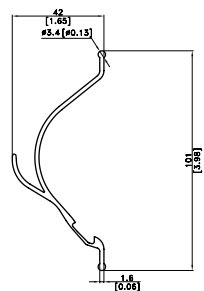


PSG33-0300 Blade profile h. 101 mm / 3.98"



Material: **PP + Antibacterial certified VDI6022**

Weight: **0.320 kg/m**

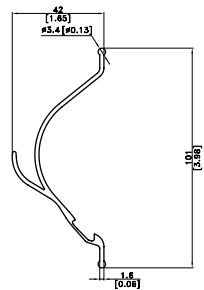


PSG33-0R03 Blade profile h. 101 mm / 3.98"

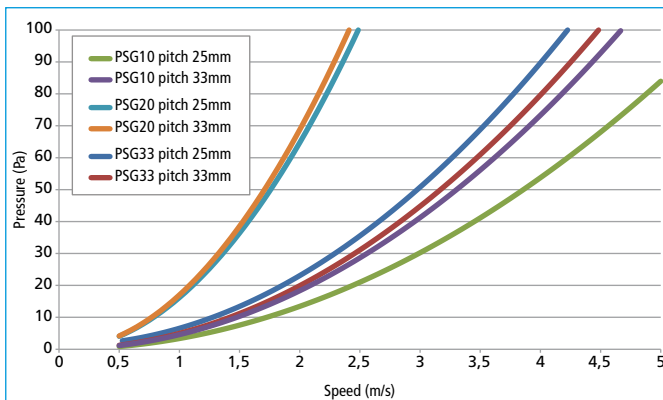
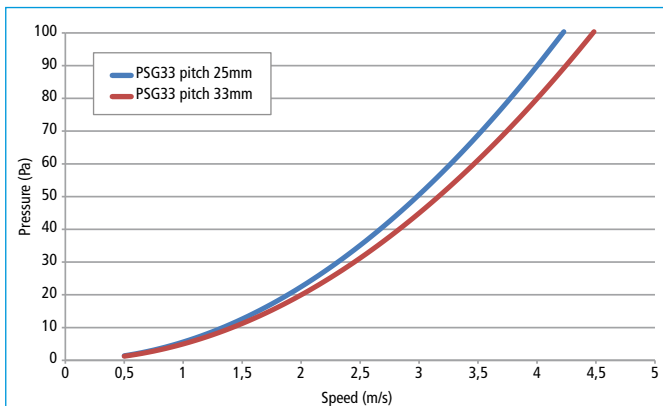


Material: **PP**

Weight: **0.320 kg/m**

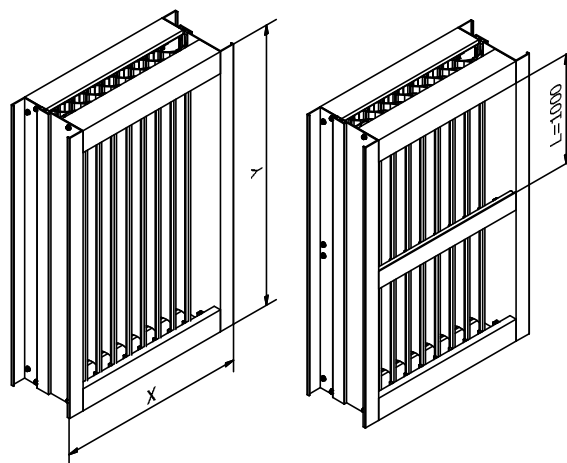


PSG33 Test - Pressure drop ISTITUTO GIORDANO



Cutting table

Top/Bottom profile PSG-000000	= X - 60 mm
Shoulder profile PSG33-0200	= Y
Aluminium blade profile PSG33-0400	= Y - 50 mm
Polypropylene blade profile PSG33-0300 / PSG33-0R03	= Y - 50 mm
Closing profile PSG-06-000	= Y - 48 mm
Reinforcement profile PSG-100000	= X - 60 mm



All stated specifications are subject to change without notice or obligation