

VILEDON HYDROMESH METAL COALESCER FILTERS

viledon®



Frame detail: with holes for water drainage



The application

hydroMesh coalescer filters apply for moisture separation used in intake air filtration systems of

- gas turbines for power generation and in the oil and gas industry
- compressors
- offshore and coastal installations
- installations with recurrent high humidity

The medium

The coalescer material is made of knitted wire mesh and the frame material is available in aluminium or stainless steel.

The special features

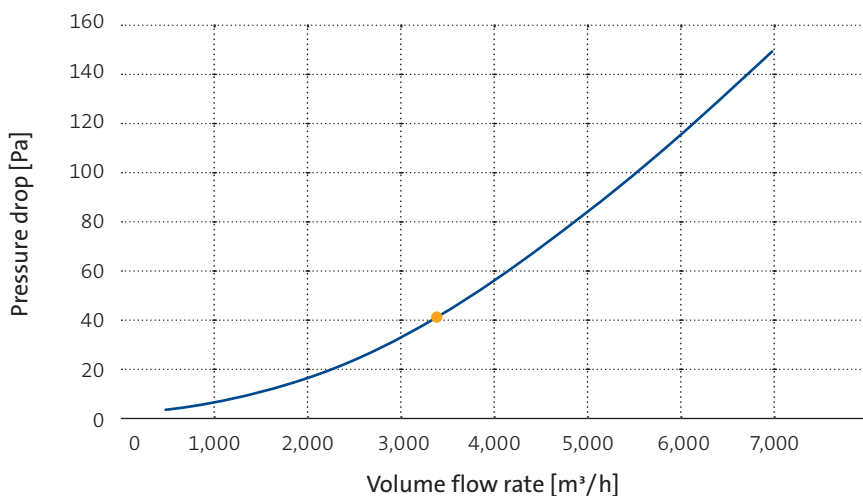
- hydroMesh coalescer are suitable for prefiltration of pulse-jet cartridge systems in very dusty environments that are also characterized by high humidity (e.g. coastal sites in desert areas) or by water ingress.
- They protect the downstream filter stages reliably and remove moisture.
- Can be used as a coarse dust (e.g. sand) prefilter in static filter systems.

KEY DATA		METAL COALESCER FILTER
Nominal volume flow rate	m ³ /h	3,400
Initial pressure drop	Pa	40
Final pressure drop	Pa	250
Front Frame	mm	610×610
Overall depth	mm	25
Moisture-resistance (rel. hum.)	%	100

SPECIFICATION	
Frame material	Aluminium (AlMg3) or stainless steel
Filter material	Knitted wire mesh (AlMg3)
Protection grid	Expanded metal aluminium (AlMg3)

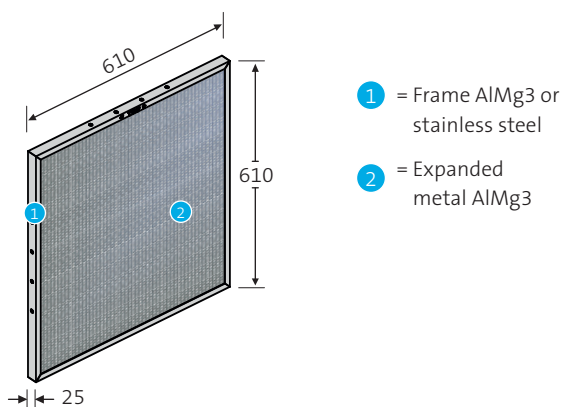
TECHNICAL FILTER DATA

Initial pressure drop curve



● Nominal volume flow rate

CONSTRUCTION / DIMENSIONS



The figures given are mean values subject to tolerances due to the normal production fluctuations. Our explicit written confirmation is always required for the correctness and applicability of the information involved in any particular case. Subject to technical alterations. You will find instructions on how to handle and dispose of loaded filters in our information on product safety and eco-compatibility.