


OPAMEM™ Nano

Nanofiltration

The OPAMEM™ NANO membrane filtration system uses nanofiltration technology, which is designed to ensure a cut off of around one nanometer.



Flow rates
from 20 to
60 m³/h



FEATURES & BENEFITS

- Certified ACS French Health Compliance
- Modular design; extensible, flexible (until 3 levels per skid), can be combined to treat larger volumes
- Stainless steel set
- Electric or pneumatic valves
- Can be combined with OPAFLO™ filter as a pretreatment



OPTIONS

- Fully automated operation and backwash
- Anti scaling device
- Re-equilibration device
- CO₂ stripping tower



APPLICATIONS

Specific treatment for drinking water by removal of:

- Total Dissolved Organic Carbon (COT/COD)
- Pesticides
- Bacteria
- Viruses
- Nitrates, sulfates
- Hardness
- Partial TDS

HYDREX® CHEMICALS

Associated conditioning Hydrex™ solutions for optimum operation.

RELATED SERVICES

Local after-sales service and support teams offer preventative and corrective maintenance programs to ensure the long-term, efficient operation of installed plant.





System Dimensions & Performances

Model	Unit	OPAMEM Nano 24-3	OPAMEM Nano 42-3	OPAMEM Nano 66-3
Permeate flowrate (typical)	m ³ /h	20	40	60
Conversion rate (typical)	%	82%	82%	82%
Inlet flowrate (typical)	m ³ /h	24	49	73
Number of stages		3		
Element type		NF 90		
Element area	m ²	37		
Number of element per vessel		6		
Number of pressure vessel per skid		4	7	11
Number of element per skid		24	42	66
Total membrane area	m ²	888	1554	2442

Note: Designs given for information only using typical design fluxes. Detailed design of skid may change according to water quality and project specifications.

