Pall Corporation

UltiFuzor™ 41110 Series Degas Modules

Description

The UltiFuzor™ 41110 series degas module is the next generation development in Pall degassing technology. The UDM-41110 series allows digital ink jet printers to achieve high DO removal at the lowest pressure drop, prevent bubble formation and assure optimal printer performance.

The compact design allows digital ink jet printers to meet flow rate requirements up to 300 mL/min.
The UDM-41110 series is ideal for digital textile printing applications.

Features and Benefits

- Compact size
- Low pressure drop
- High dissolved oxygen removal
- 1/8 in NPT, Female connections
- Unique hollow fiber technology
- Black housing for UV sensitve inks

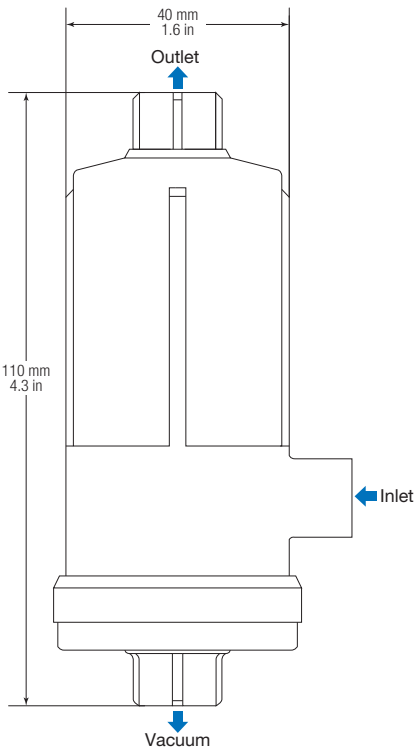
Materials of Construction

Components	Materials
Housing	Polypropylene (Black)
Hollow fiber	Polyethylene
Potting compound	Epoxy Resin

Specifications

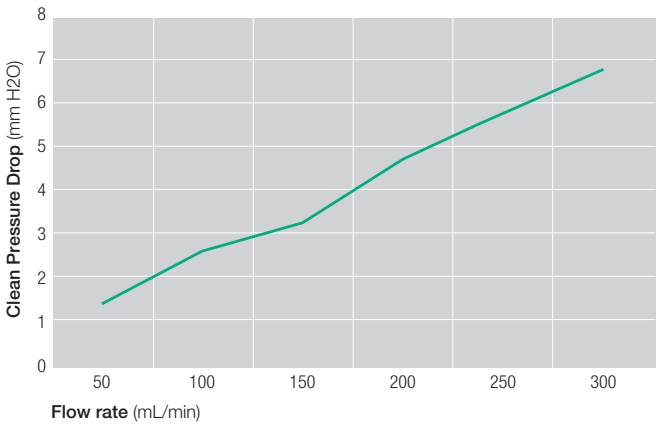
Flow guidelines	0 – 300 mL / min
Typical membrane surface area	0.28 m^2 / 3.01 ft^2
Maximum operating temperature	45 ˚C / 113 ˚F
Maximum operating pressure	0.2 MPaG @ 45 ˚C / 30 psig @ 113 ˚F
Connections (Inlet/Outlet/Vacuum)	1/8” NPT, Female

Dimensions (Nominal)

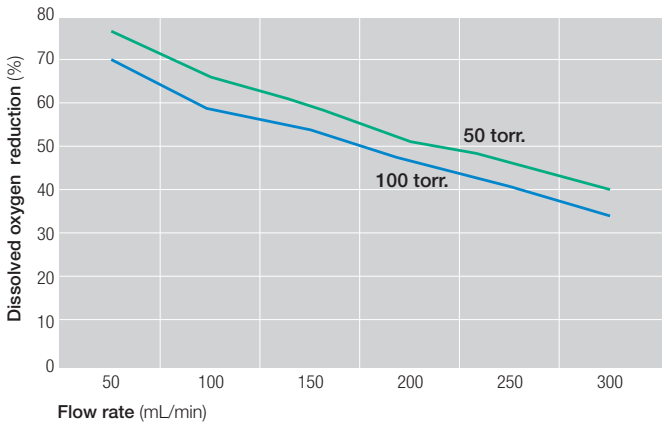


For best performance module should be Installed vertically.
For best performance module, ink should be Introduced Into the module slowly to eliminate any possibility of air being trapped in the module.

Flow Rate vs Pressure Drop (Water, 20°C)[1]



Dissolved Oxygen Removal vs Flow and Vacuum Level in Water



[1] For liquids with viscosity differing from water, multiply the pressure drop by the viscosity in mPa•s.

Part Numbers / Ordering Information

Part Number : UDM - 41110

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