

Urea filter module
for selective catalytic
reduction systems

- ✓ Prevent maintenance downtime
- ✓ Increase service intervals
- ✓ Ease of installation and service

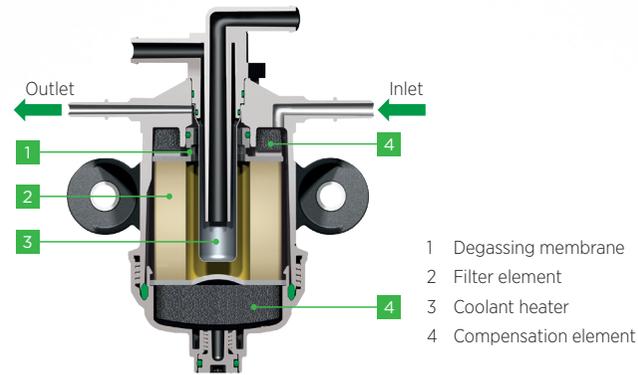


MANN+HUMMEL urea filter module for selective catalytic reduction systems

Functional description and product advantages

- Remote mounted urea filter module
- Best protection of selective catalytic reduction system and its components against pollution and wear
- Prevents maintenance downtime and increases machine productivity
- Ease of installation and service
- Increases service intervals up to four times compared to standard filter solutions
- Innovative, robust and durable design
- Ensures freezing stability thanks to patented compensation elements and heating options
- Best in class filtration solutions with years of expertise

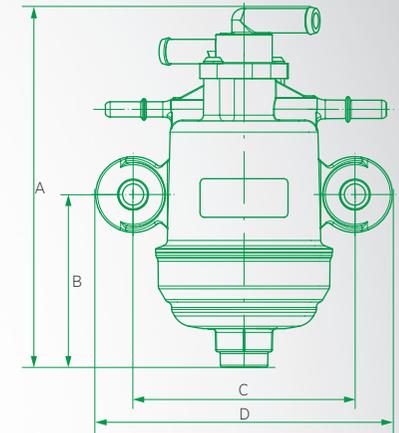
Design features



Dimensions

- A - 187 mm*
- B - 90 mm
- C - 116 mm
- D - 155 mm

* Electric heated version: 195 mm;
Non-heated version: 161 mm



Technical specification

Heating options	Hydraulic coolant heater 	Electrical heater 24 V 	None 
Volume flow range	Up to 120 l/h		
Operation pressure	Suction and pressure side application possible: -500 mbar up to +10 bar		
Differential pressure	≤ 10 mbar @ 30l/h (new condition)		
Operation temperature	-40 °C to + 80 °C (urea* / coolant) -40 °C to + 100 °C (ambient)		
System integration	SAE J-2044 fluid connections (inlet: 3/8", outlet: 5/16")		
Filtration performance	Filter media available for versatile use as pre-filter and main filter - with filtration efficiencies from 40% - 99% @ 10 µm (ISO 19438)		

*AdBlue® / Urea = DEF (Diesel Exhaust Fluid)





MANN+HUMMEL Contact

Engineering

Mischa Winter

Principal Expert Industrial Liquid Filtration

mischa.winter@mann-hummel.com

Phone: +49 6232 53-6405



Open the Website for more information about our urea filter module.