

Explore our technologies

# Selective Catalytic Reduction Dosing Unit (SCR)

For Passengers Cars and Commercial Vehicles



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## SCR Dosing Unit

### Features

- Water and Air cooled options available
- Applicable for
  - Light Duty Pass Car and CV (2 to 4L)
  - Medium Duty CV (4 to 8L)
  - Hydrogen Internal Combustion Engine (H<sub>2</sub>ICE)

### Design Features

- Compact Doser designs that can be integrated into vehicle exhaust systems
- Corrosion resistant housing to withstand the harshest of exhaust environments
- Designs are compatible with industry standard low-pressure circuit (5 to 8 bar) and utilize standard hydraulic and exhaust connections.

### Performance

- Validated for 350,000k km (9.000 hrs)
- High Flow accuracy: 5±8%
- Delivery flow: 3-6 kg/h at 5-6bar, 7 kg/h at 9bar
- Spray quality: <100µm SMD
- For water cooled SCR Doser coolant flow: 20 - 180 l/hr

### Benefits

- Utilizes proven production core Delphi PFI injection technology
- Option to integrate water and air cooled dosers into twin doser systems for lower compliance factor RDE
- Flexible spray options available (cone angle, spray skew)
- Water cooled and air-cooled versions are in production respectively since 2018 and 2020