

# Expansion Tank

## Engine Cooling coolant protection and re-distribution in system

The expansion tank absorbs excess coolant and minimizes excess pressure in the engine cooling system.

An expansion tank helps maintain a minimal pressure increase during heated water expansion, helps reduce coolant hammer, and helps protect the engine cooling system from stress. Furthermore, the expansion tank ensures that there is no spillage by re-distributing excess coolant into the system.

To help avoid and prevent premature failures, your expansion tank should be checked annually.



### Important to know

- A blocked expansion tank can cause leaking or bursting in the engine cooling system as the connections, fixtures and components get stressed and damaged due to excess pressure.
- If the expansion tank is leaking, the engine could overheat as the level of coolant in the system could decrease.
- Note the level of coolant in the expansion tank when the engine's cold. Once the engine reaches operating temperature, the level must rise. If it doesn't, the system is not operating properly.

### OE Matching Quality

All Nissens' expansion tanks are designed, manufactured and tested to match OE quality. The expansion tank development process includes a number of tests, such as vibration, pressure-impulse, thermal expansion, and burst, eliminating the risk of leakage or insufficient cooling performance.

### Easy Installation

Nissens' expansion tanks are part of our 'First Fit' program, which means that they come with sensors and caps included in the packaging where applicable. This ensures a quick and smooth installation.

### Competitive Range

The expansion tank range includes 26 items, covering +105 OE numbers and +360 truck models.



### Reinforced Fittings

Highest quality fittings that ensures a secure and consistent fit that will last

### Including Sensors

All sensors are individually function tested and pre-mounted on the expansion tank for quick installation

### High Quality Pressure Cap

Pressure caps are included in the box and individually tested for correct opening pressure



### Quick Installation

Nissens 'First Fit' concept has been applied to our Expansion Tank range. Products come with sensors and caps where applicable, ensuring a quick installation.



### High Performance Welding

All expansion tanks are welded with advanced machinery to ensure the strongest possible connection of the top and bottom part. Each individual tank is leak tested before shipment.



### OE Matching Plastic

Nissens' always use PA66GF33 or PP Plastic, matching OE quality. This ensures advanced heat and stress resistance. All materials are tensile tested and no recycled materials are used.



Nissens Expansion Tanks are used by

**FIA Truck Racing World Champion**  
**JOCHEN HAHN**

