

NRF high quality compressor production >

Even the smallest piece of dirt (micron size) can have negative effects on the performance of a compressor. To achieve the highest quality, the production process of NRF compressors is very strict. With clean rooms and a number of stringent tests, NRF guarantees a reliable and durable product.

Stricter regulations >

For many years humans are paying attention to global warming. The consequence of this for the Automotive market is that exhaust gas emissions regulations are being stricter. For the air conditioning system of a vehicle this means a more effective circuit of refrigerant at a lower intensity. This determines the use of compressors with variable displacement with a very low coefficient of friction.

Extremely precise assembly >

The construction of compressors is very precise where the distances between the mating parts often reach only tens of microns. This is extremely precise, because the human eye only sees contaminations from the size 0.1 mm (100 micron).

It's very important that the production and assembly of a compressor takes place in clean rooms. This prevents that micron size dirt (such as metal shavings) might get inside the compressor during the assembly process. If this happens this would have a negative impact on the quality and durability of the compressor. It may even damage the compressor.

High quality NRF compressors >

When you buy a NRF compressor you be assured of the highest quality. The production of NRF compressors takes place in clean rooms. During the production these rooms have a slight overpressure in relation to the atmospheric pressure. In addition to the high requirements of the assembly room, this room can only be reached by an air door/ air curtain. An air door is a device used to prevent air or contaminants from moving from one open space to another.

Quality guaranteed >

Precision-made compressors must comply with precise dimensions. To verify the dimensions, each component of the compressor is being checked. For this inspection, the most advanced and precise equipment is being used.

Stringent (performance) tests >

After assembly each compressor is subjected to a number of stringent performance tests. This includes durability tests, a calorimeter and a noise tester. When the production process is totally finished, the NRF technical centres will do a pair of final checks.

A complete product range >

In 90 years, NRF has become the leading manufacturer and supplier of a large range of more than 8.000 engine cooling and air conditioning products:

Engine Cooling:

- Radiators
- Intercoolers
- Oil coolers
- Fan clutches
- EGR coolers

Air Conditioning:

- Condensers
- Compressors
- Evaporators
- Heaters
- Receiver driers
- Interior blowers
- Expansion valves
- Pressure switches
- Compressor oil **NEW**
- Compressor spare parts

Easy Fit >

NRF offers a wide range of more than 1.100 **Easy Fit** products. With these products assembly parts are included to ensure an easy installation.

NRF compressor assembly line >



Stringent tests >



For more information about NRF products ask your (local) supplier or visit the NRF website.



The **art** of cooling >