



DENSO PHARMA LINE

A solution for vehicles for the Refrigerated Transport of pharma

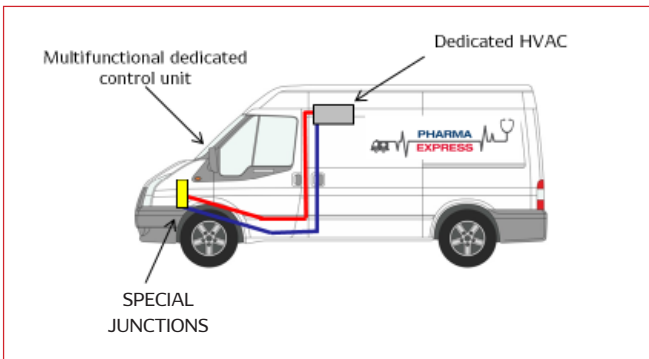


Pharma Line is a new range of specific solutions designed for all non-ATP freight refrigerated transport of special materials in a temperature range of **+15°C/+25°C** for Small, Medium, Large and Extra Large vehicles with a cargo room from 2,5 to 18 m³.

The product is suitable for all vehicles used for the transport of special materials such as medicines (according to the current European legislation), as well as flowers and plants, food, animals, wine, pieces of art and canteen services.

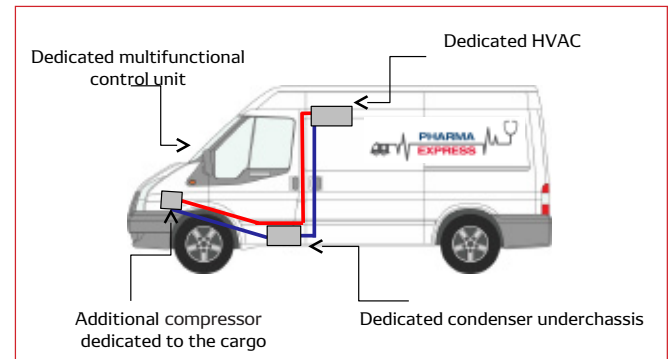
PHARMA BASIC

It's a derivation of the AC system of the vehicle, a perfect solution for SMALL and MEDIUM vehicles, (cargo room from 2,8 to 12 m³) working continental / warm climate and for large vehicles (cargo room from 12 to 18 m³) working in continental climate, but always with an insulated cargo room.



POWER PLUS

It's a completely independent system, a perfect solution for LARGE and EXTRA LARGE vehicles (cargo room 12-18 m³), working in a tropical climate, but always with an insulated cargo room.



Pharma Express ensures an easy assembly, with a complete assembly kit (**PLUG & PLAY SOLUTION**) and guaranteed **OEM quality** standard (Denso approach). It uses a dedicated brazed HVAC for cargo room controlled with a multifunctional digital control (with an **integrated data logger**) that allows a **fully automatic and dynamic temperature and ventilation control** using PWM. Pharma systems **are tested in the Denso climatic chamber** and the systems comply with the EU guidelines (EU 2013/C) for pharma transport in terms of temperature target, real-time recording and downloading of data by USB.

All the components (electrical and functional) are on board of the HVAC, they are fixed by special bracket, in order to keep the same position of the components of each vehicle and they are protected with a special plastic cover, in order to ensure an easier cleaning of the cargo and the respect of HACCP specifications.

Denso Pharma Express will be supplied (as an optional) with the connection to **Denso Pharma Connect**, to monitor remotely the geolocation and the temperature of the load compartment.

For further info: info.refrigeration@denso-ts.it

DENSO
Crafting the Core