Neos HE 100S / 200S

Light Commercial Vehicles

KEY BENEFITS SUMMARY

Constant cooling capacity [1]
Electrical technology, accurate temperature control
1 kW *at 0°C/30°C*

Full electric unit
Compatible with 12V battery packs
Quick installation, no compressor kit

Improved electrical consumption [2]
Compatible with BEV and ICE vehicles
-24% consumption

High versatility [3]
Compatible with all vehicle architectures
BEV, PHEV, ICE

High reliability
10+ years of Carrier experience in electric units
Less sources of leaks

Environment friendly
Easy access to LEZ [4], low noise
High efficiency, R134A unit

Neos HE 100 S

1. based on ATP test, 970W at 0°/30°C
2. Compared to Neos 100 S. Neos HE 100 S takes 66A consumption at 0°/30°C
3. Battery Electrical Vehicles, Plug-in Hybrid Electrical Vehicle, Internal Combustion engines (diesel, gas or petrol engines)
4. Low Emission Zones

KEY BENEFITS SUMMARY

Constant cooling capacity [1]
Electrical technology, accurate temperature control
1.5 kW *at 0°C/30°C*

Full electric unit
Compatible with 12V battery packs
Quick installation, no compressor kit

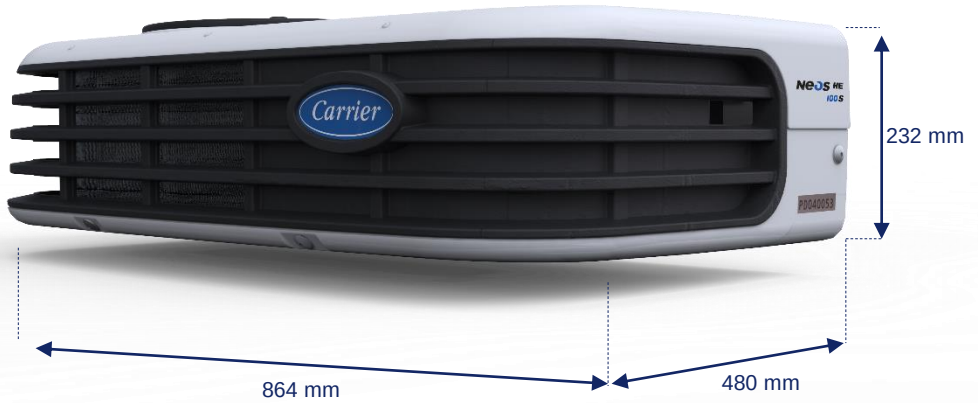
Improved electrical consumption [2]
Compatible with BEV and ICE vehicles
86A maximum

High versatility [3]
Compatible with all vehicle architectures
BEV, PHEV, ICE

High reliability
10+ years of Carrier experience in electric units
Less sources of leaks

Environment friendly
Easy access to LEZ [4], low noise
High efficiency, R452A unit

Neos HE 200S



1. based on ATP test, 1510 W at 0°/30°C
2. Compared to Neos 100 S. Neos HE 100 S takes 66A consumption at 0°/30°C
3. Battery Electrical Vehicles, Plug-in Hybrid Electrical Vehicle, Internal Combustion engines (diesel, gas or petrol engines)
4. Low Emission Zones

IMPROVED COMPRESSOR OPERATING ENVELOPE

up to

-24% *

consumption

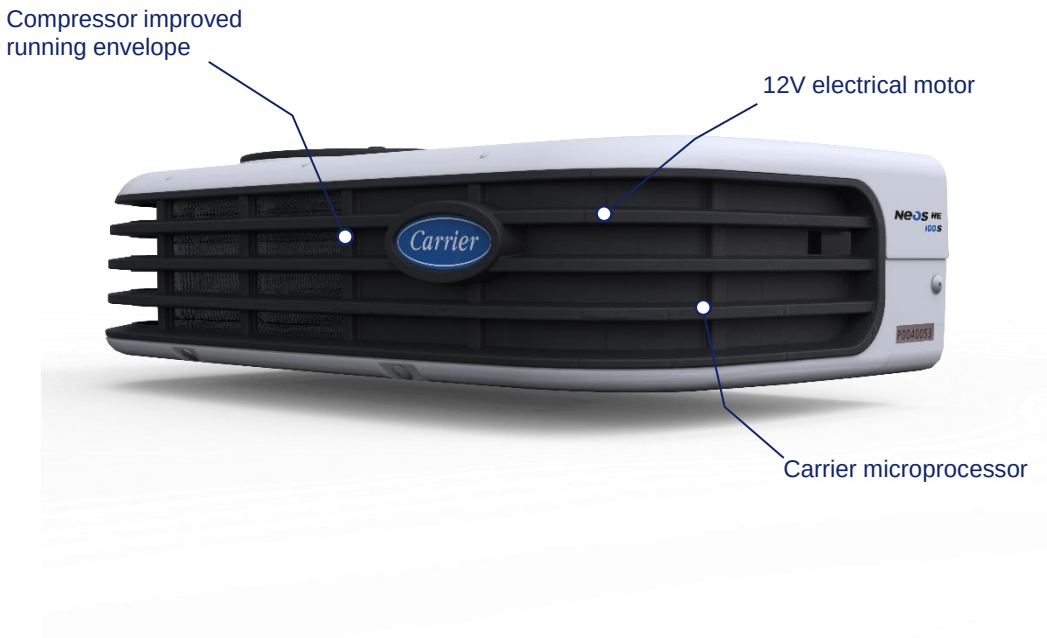
Compared to legacy Neos 100S

Thanks to its optimized compressor running envelop

New Neos HE 100S takes the advantages of both Carrier experience in software for temperature management and a compressor optimized running envelope.
Allowing:

- ✓ A constant cooling capacity (whatever engine speed, whatever road or standby mode)
- ✓ An accurate temperature control
- ✓ A reduced consumption (-24%)
- ✓ A compatibility with all type of vehicles, from ICE to BEV or PHEV
- ✓ A natural compatibility with Stop & Start
- ✓ A compatibility with 12V battery packs

*based on ATP test



ENHANCED EVAPORATOR EFFICIENCY

NeOS HE 100S

*1 kW cooling capacity**

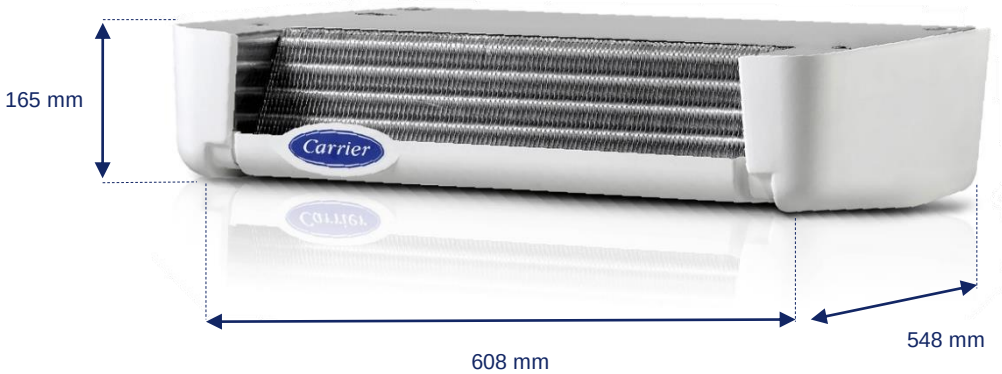
Thanks to an improved evaporator efficiency

- ✓ Improved evaporator heat exchange adding a BPHX
- ✓ Equivalent cooling capacity
- ✓ Compatible with vehicles up to 6m3
- ✓ Extra flat evaporator

Environment friendly

- ✓ Environment friendly, using R134A for a low GWP
- ✓ High efficiency leading to less power used for the same application

*970 W at 0°C/30°C ATP results



ENHANCED EVAPORATOR EFFICIENCY

NeoS HE 200S

*1.5 kW cooling capacity**

Thanks to an improved evaporator efficiency

- ✓ Improved evaporator heat exchange adding a BPHX
- ✓ Equivalent cooling capacity
- ✓ Compatible with vehicles up to 6m3
- ✓ Extra flat evaporator

Environment friendly

- ✓ Environment friendly, using R134A for a low GWP
- ✓ High efficiency leading to less power used for the same application

*1520 W at 0°C/30°C ATP results

THANK YOU!