

pbx's way of depolluting transport refrigeration by using natural refrigerants

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pbx

Why?



**1000
million**

metric tonnes of transported
temperature sensitive products

**10
million**

diesel light commercial
vehicles (< 3.5 t)

**600
megatonnes**

of CO₂ emissions due to food waste

**Water
Pollution**

Refrigerants (HFCs)
polluting our drinking
water every day

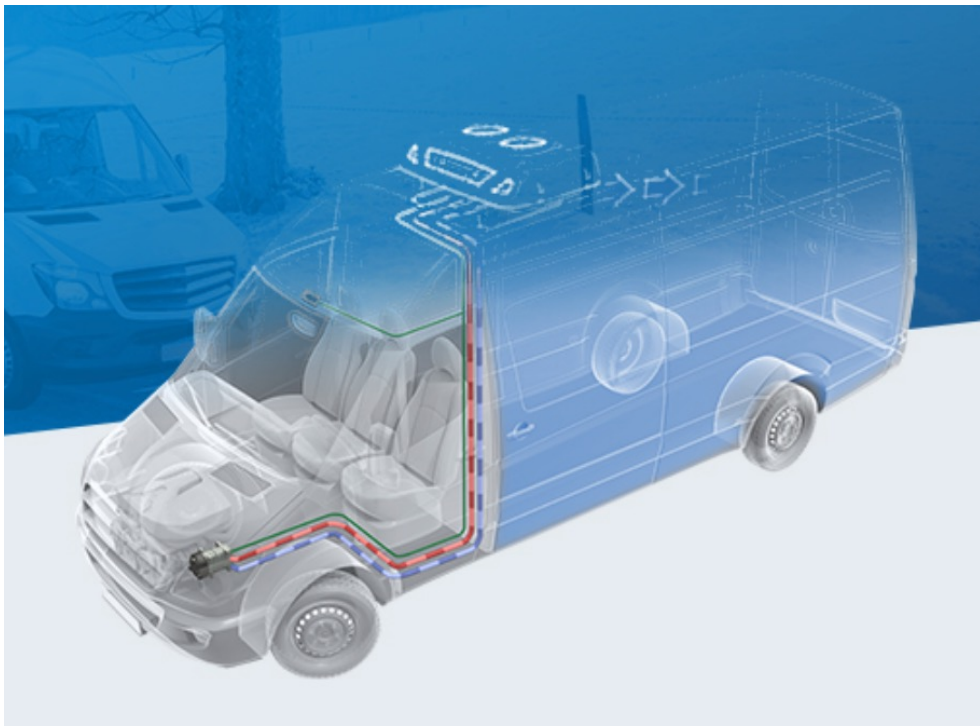
**182
million**

of food waste due to
improper transport
refrigeration

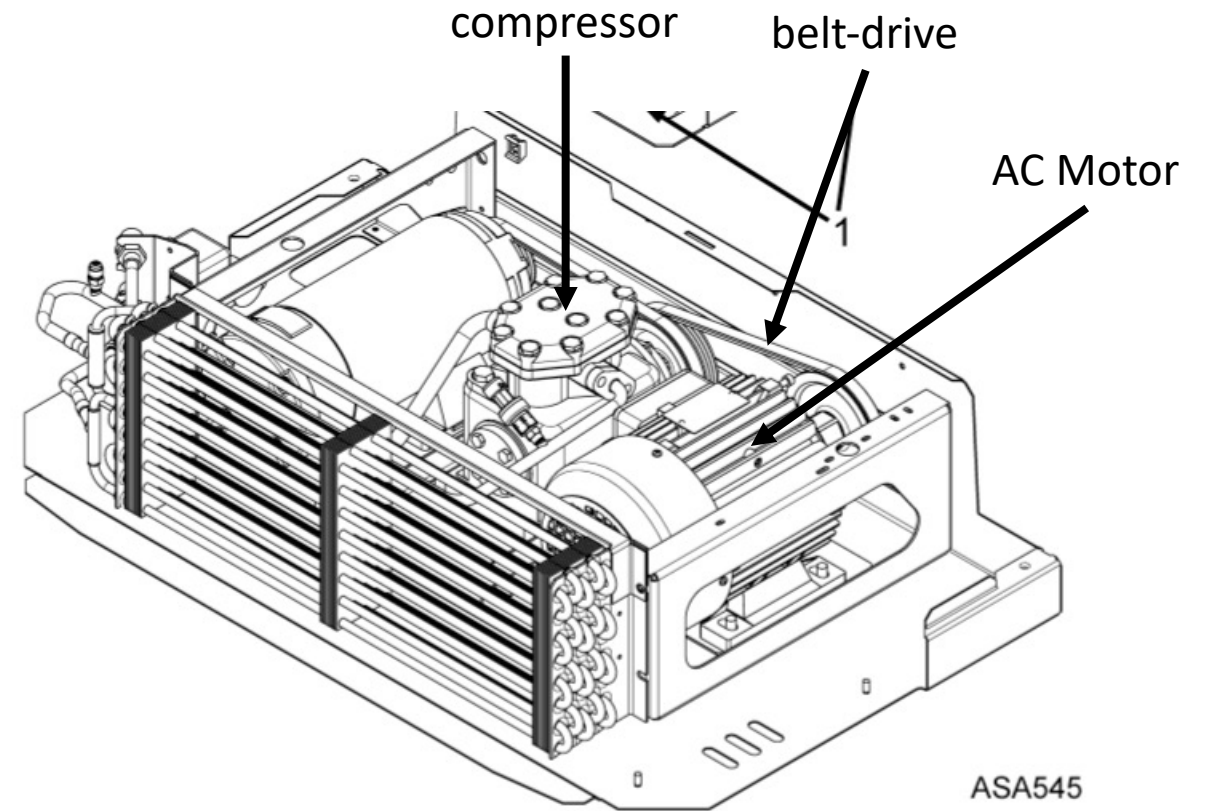
**24 %
CO₂ emissions**

of all transport emissions

State of the Art (>90% market share)



direct drive



battery driven

ecos



Designed for
electromobility

Utilizes natural refrigerant,
propane with secondary loop



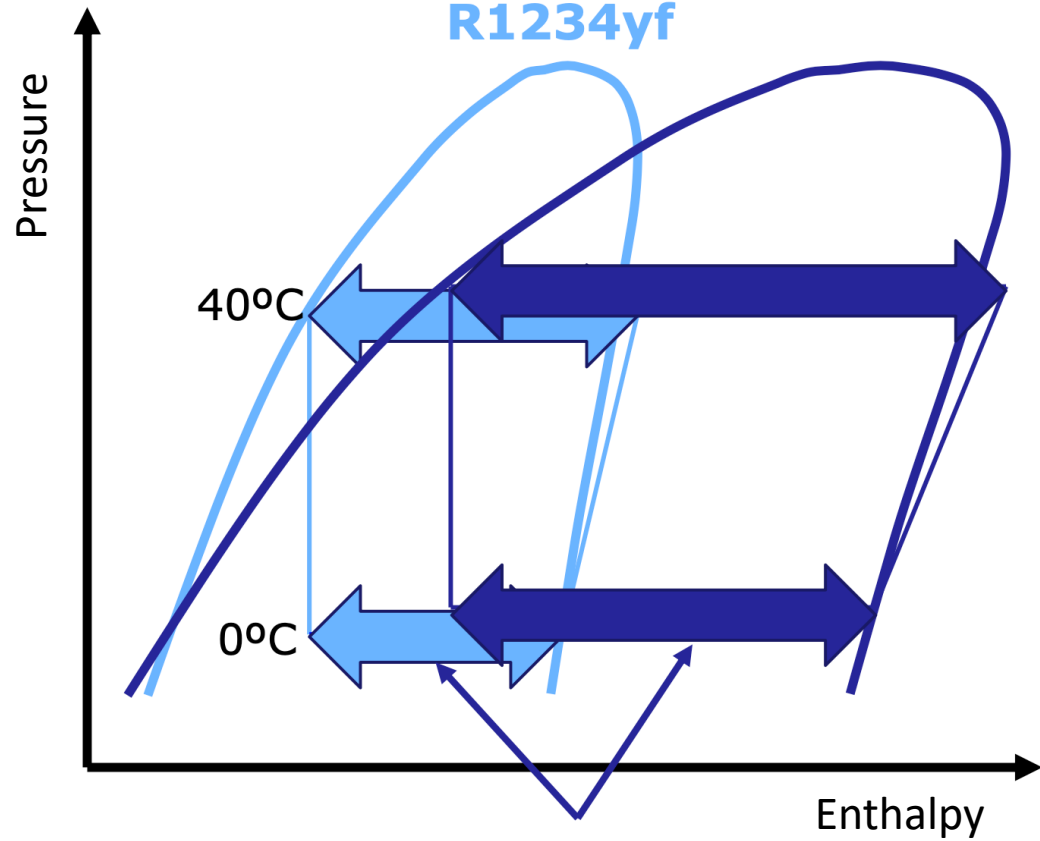
Maximum payload
by lowest weight

Outstanding
efficiency

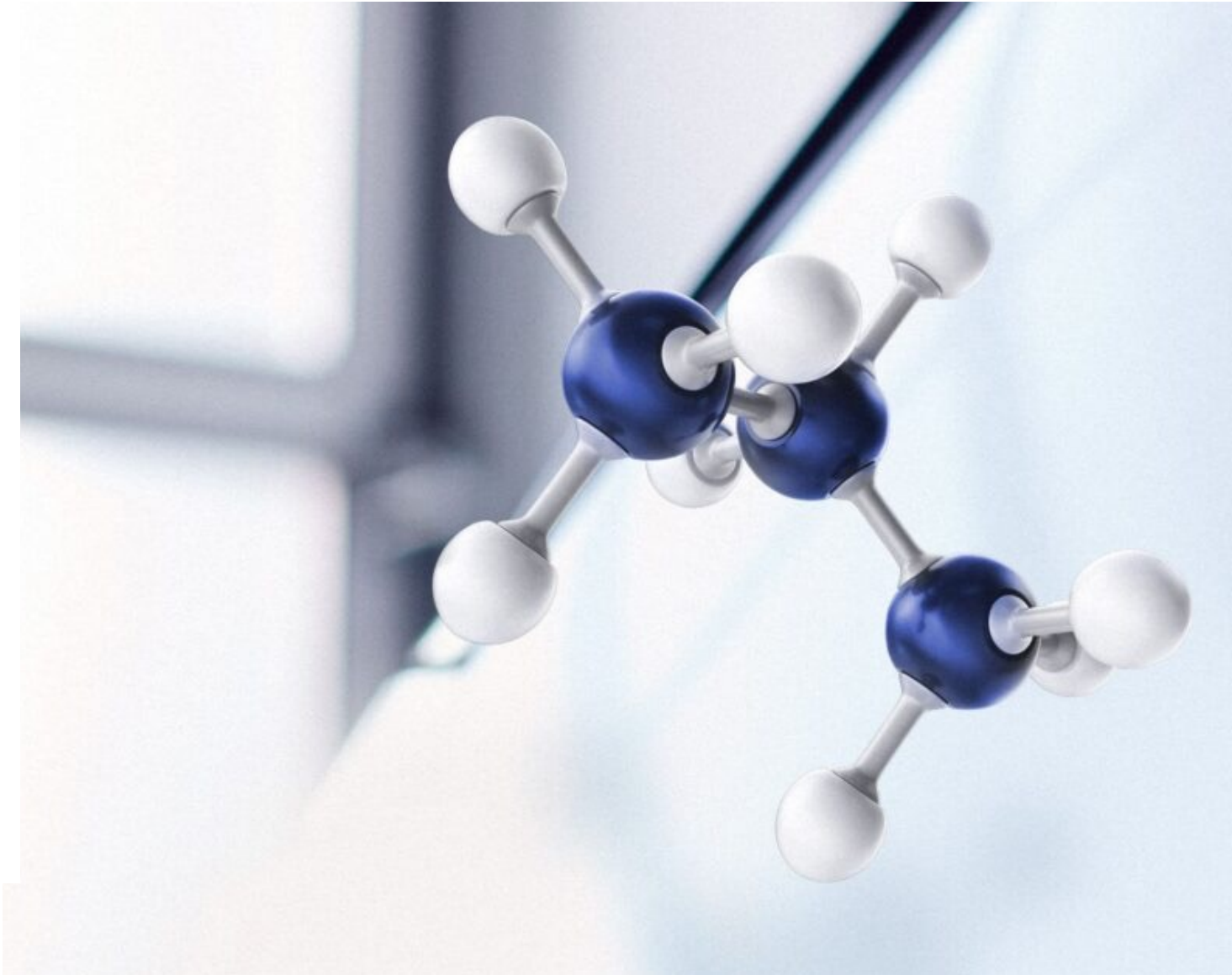
Zero planned
maintenance

ecos

R134a
R1234yf



Refrigerant with higher Enthalpy difference
at similar pressure levels



ecos

Natural refrigerants are the most effective way for a resilient climate and environmentally sustainable transport refrigeration



Reduces CO2 fleet emissions by 93%

50% weight reduction for same cooling performance

Up to 25% energy efficiency increase

Zero planned maintenance

75% less installation efforts



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