

Structured on-board climate

The UWE Group

- Member of the Rettig Group
- Parent company in Norrköping, Sweden
- Subsidiaries in Poland and Germany
- Climate systems - vehicles
- Stationary bus heating systems
- High level of technical know how
- Independent regarding air conditioning system

Head office in Norrköping



UWE Climate system

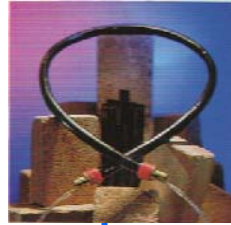
Regulation



Convectors



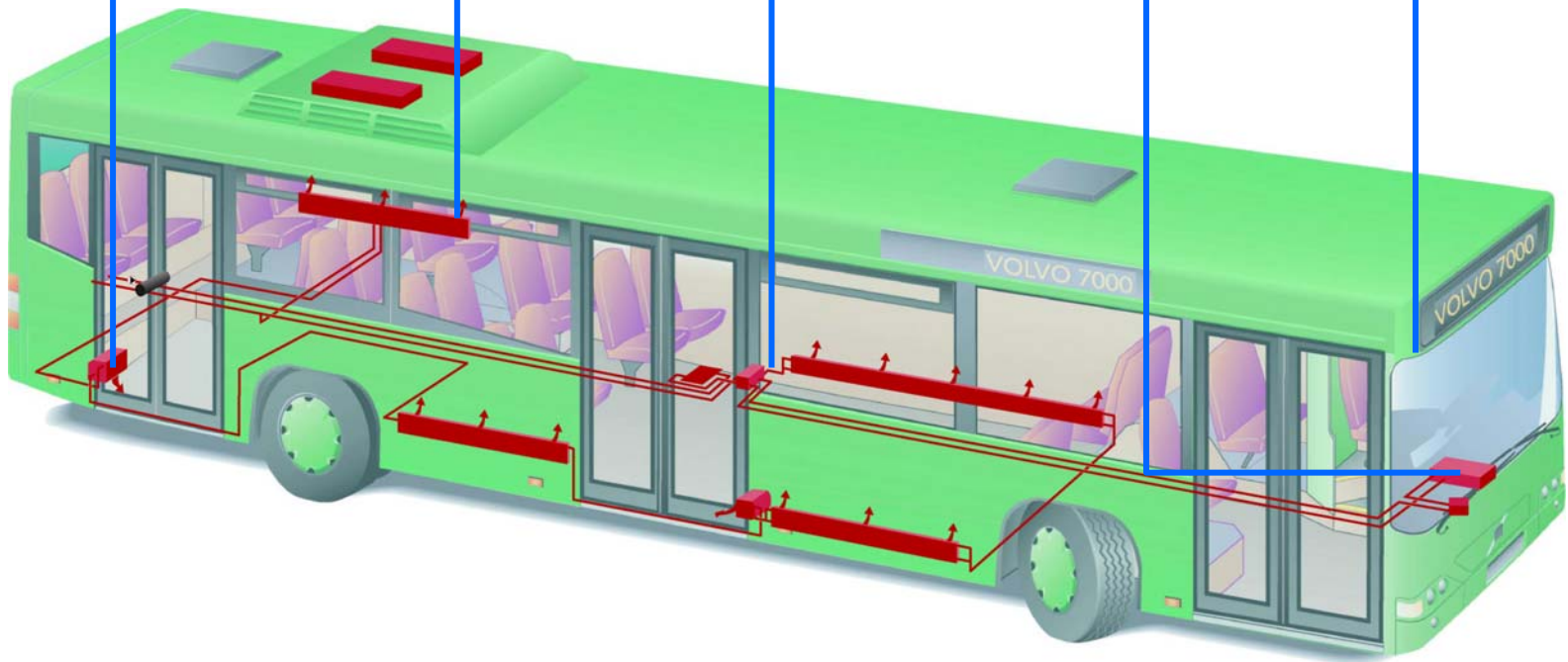
Piping



Defrosters & heating fans



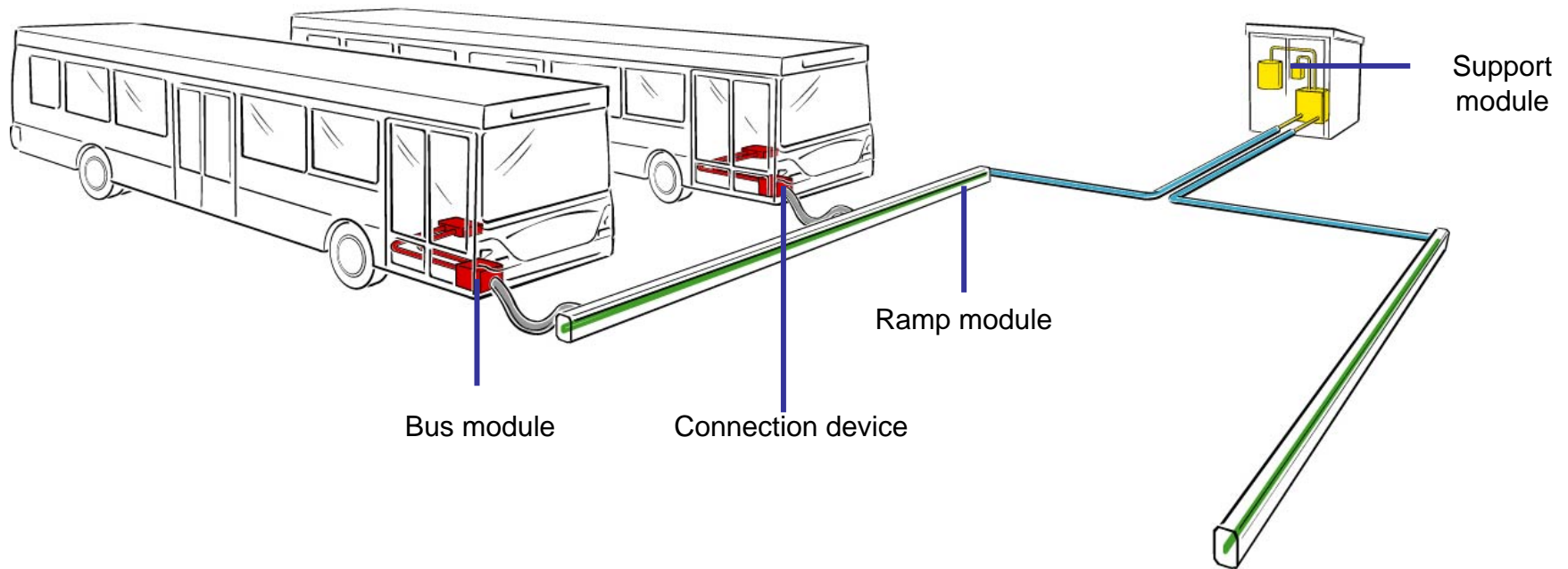
Complete control systems



...plus the outstanding knowledge and support

UWE Stationary bus heating

- An intelligent and cost-effective alternative to a garage, using the waterborne heating system in the bus.



UWE Stationary bus heating

The main purposes of the system

- Always warm engine and compartment
- Always compressed air to brakes and suspension
- Always full battery voltage



Economical advantages

- Low investment cost for medium and big fleets*
- Low running cost*
- Low energy consumption
- Minimum of service requirements

* About 10% of investment cost and 25% of running cost compared to a garage



UWE Stationary bus heating

Ramp module

- Standard modules leading the medium, air and charge voltage to the connection points



UWE Stationary bus heating

Connection point

Hose
frame

Battery
Voltage



Battery
charger

Hose
breakaway

UWE Stationary bus heating

Support module suitable for real estate installation



Control system

Compressed air

Expansion tank

Primary side, either
- District heating

- Gas

- Oil

Heat exchanger

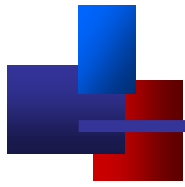
Pump

UWE Stationary bus heating

Environmental advantages

- No cold starts means less emissions
- No idling time, better environment and healthier for the drivers
- No idling to increase air pressure necessary

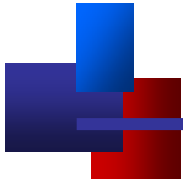




UWE Stationary bus heating

Over head SBH - System Toronto





UWE Stationary bus heating

Standard SBH -System Stockholm

