

C100 HVAC (HEAT PUMP)

generations of knowledge



INFORMATION SHEET

C100 HVAC (HEAT PUMP)

SYSTEM OVERVIEW

The C100 has been designed for driver cabin HVAC with reversible heat pump technology. Available in recirculation or fresh air mode the C100 is a critical system to maintain driver cabin temperatures providing ultimate climate control.

Low life cycle costs and combined with a simple installation the C100 roof-top unit is an efficient solution for many different applications.

Suitable for use on battery electric, hydrogen fuel cell, CNG or internal combustion engine vehicles the unit is supplied charged with refrigerant and only requires electrical connections.



FEATURES & BENEFITS

- Constant cooling capacity, independent of vehicle RPM
- Rooftop, One-piece Compact System
- 24VDC or 600VDC options
- Leak-proof reliability (no hoses or fittings for remote components)
- Low operating costs
- Extended warranty options up to 3 or 5 years
- Driver dashboard control panel optional
- Series production available options:
 - o 24VDC Air Conditioning - 55kg
 - o 600VDC Air Conditioning - 55kg
 - o 600VDC Heating (Heat Pump) - 60kg
 - Cooling capacity up to 3kW in 40°C ambient
 - Heat pump capacity up to 8kW in 0°C ambient (coefficient of performance up-to 4)

— Technical details and performance specifications can be provided by GTS upon request

C100 DIMENSIONS

