

LRC

Passenger HVAC unit

- Superior light weight compact unit
- Developed for tramways and other low floor vehicles
- Excellent cooling capacity up to extreme conditions (despite extremely light weight & small volume)
- Low noise performance
- Variety options of the unit:
 - fresh/ return air dampers
 - emergency inverter
 - DC heater
 - various train communication systems
- High reliability and easy maintenance



Technical data

LRC	
Cooling capacity [kW]	20 - 35
High ambient performance [°C]	Up to 46 °C in full cooling To 56 °C in reduced cooling
Heating capacity [kW]	0 - 24
Weight [kg]	420 - 455
Evap. Fresh Air flow [m ³ /h]	0 - 1200
Evap. Air flow total [m ³ /h]	2500 - 4000
Controller	Micro-processor based
Communication to train system	CAN Open, IPT MVB - option
Service communication	Ethernet, RS232
Power supply	3 x 360 V, 45 Hz to 3 x 480 V, 60 Hz DC heater - option
Control voltage	24 V DC - standard 37.5 V DC; 48, 72, 110 V DC - option
Compressor type	Scroll
Refrigeration system	One hermetic circuit with tandem compressors
Refrigerant	R 134a / R407C
Housing material	Aluminium

