

LFR

Passenger HVAC unit

LFR	
Cooling capacity [kW]	23 - 30
Heating capacity [kW]	Up to 24
High ambient performance [°C]	Up to 50 °C in full cooling To 56 °C in reduced cooling
Weight [kg]	555 - 700
Length [mm]	1555 - 3345
Width [mm]	1700 - 2856
Height [mm]	471 - 550
Evaporator fresh air flow [m ³ /h]	840 - 2200
Evaporator air flow total [m ³ /h] at 150 Pa of external static pressure	3200 - 4200
Controller	32 bit
Communication to train system	MVB CAN open
Service communication	Ethernet RS232
Power supply [V]	3 x 400 V AC 600 V DC / 3 x 400 V AC 3 x 460 V AC 3 x 480 V AC
Control voltage [V]	24 V DC 72 V DC
Compressor type	2x scroll in tandem
Refrigerant	R407C
Fire and smoke compliance	NFPA 130
Housing material	Painted stainless steel frame + painted aluminum covers



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