

# LPU

## Passenger HVAC unit

LPU	
Cooling capacity [kW]	18 - 22
Heating capacity [kW]	Up to 16 kW
High ambient performance [°C]	Up to 43 °C in full cooling To 46 °C in reduced cooling
Weight [kg]	465
Length [mm]	2974
Width [mm]	2099
Height [mm]	349
Evaporator fresh air flow [m <sup>3</sup> /h]	730
Evaporator air flow total [m <sup>3</sup> /h] at 150 Pa of external static pressure	3000
Controller	HCU-1
Communication to train system	MVB
Service communication	Ethernet http
Power supply [V]	3 x 460 V DC
Control voltage [V]	24 V DC
Compressor type	2 x scroll in 2 separate circuits
Refrigerant	R407C
Fire and smoke compliance	NFPA 130
Housing material	Painted aluminum frame and covers



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