

HTU

Passenger HVAC unit

HTU	
Cooling capacity [kW]	40 - 50
Heating capacity [kW]	Up to 30
High ambient performance [°C]	Up to 47,2 °C in full cooling To 58,9 °C in reduced cooling
Weight [kg]	802
Length [mm]	3800
Width [mm]	1870
Height [mm]	600
Evaporator fresh air flow [m ³ /h]	1020
Evaporator air flow total [m ³ /h] at 150 Pa of external static pressure	4500
Controller	HCU-1
Communication to train system	MVB/Ethernet
Service communication	Ethernet http
Power supply [V]	3 x 460 V AC
Control voltage [V]	24 V DC
Compressor type	4 x scroll in 2 circuits
Refrigerant	R407C
Fire and smoke compliance	NFPA 130
Housing material	Painted aluminum frame and covers



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