

# HRV

## Passenger HVAC unit

HRV	
Cooling capacity [kW]	20 - 26
Heating capacity [kW]	Up to 22
High ambient performance [°C]	Up to 50 °C in full cooling To 56 °C in reduced cooling
Weight [kg]	605 - 692
Length [mm]	2879 - 3345
Width [mm]	1870 - 2856
Height [mm]	471 - 539
Evaporator fresh air flow [m <sup>3</sup> /h]	501 - 783
Evaporator air flow total [m <sup>3</sup> /h] at 150 Pa of external static pressure	3500 - 4000
Controller	HCU-1
Communication to train system	Ethernet TRDP
Service communication	Ethernet http
Power supply [V]	3 x 460 V AC - 3 x 480 V AC
Control voltage [V]	24 V DC 72 V DC
Compressor type	2x vertical scrolls in tandem
Refrigerant	R407C
Fire and smoke compliance	NFPA 130
Housing material	Painted aluminum frame and covers + side covers brushed stainless steel



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