

CTU

Passenger HVAC unit

Technical specifications



HVAC MODEL

CTU

PERFORMANCE

Cooling capacity (design conditions: 32/23.5/14.8 °C)	kW	28.2
Heating capacity	kW	14
High ambient performance	°C	up to 43.6 °C in full cooling to 56 °C in reduced cooling
Evaporator fresh air flow	m³/h	760
Evaporator air flow total at 178Pa of external static pressure	m³/h	4 700
Controller		HCU-I
Communication to train system		Ethernet CIP
Service communication		Ethernet
Power supply	V	3 x 480V AC
Control voltage	V	24V DC
Compressor type		2x vertical scroll in tandem
Refrigerant type		R407C
Fire and smoke compliance		NFPA 130

TECHNICAL DATA

Weight	kg	425
Dimensions (Width x Length x Height)	mm	1 640 x 1 920 x 620
Housing material		painted aluminum frame and covers