

ICT

Passenger HVAC unit

Technical specifications



HVAC MODEL

ICT

PERFORMANCE

Cooling capacity (design conditions: 35/31.4/19.8 °C)	kW	36
Heating capacity	kW	30
High ambient performance	°C	up to 40 °C in full cooling to 45 °C in reduced cooling
Evaporator fresh air flow	m³/h	1 125
Evaporator air flow total at 150Pa of external static pressure	m³/h	3 900
Controller		HCU-I
Communication to train system		CAN open
Service communication		CAN open
Power supply	V	3 x 400V AC
Control voltage	V	24V DC
Compressor type		2x vertical scroll in tandem
Refrigerant type		R513A
Fire and smoke compliance		EN45545 HL2

TECHNICAL DATA

Weight	kg	452
Dimensions (Width x Length x Height)	mm	1 773 x 3 290 x 623
Housing material		painted aluminum frame and covers