

IRL

Passenger HVAC unit

Technical specifications



HVAC MODEL		IRL
PERFORMANCE		
Cooling capacity (design conditions: 28/26.7/14.8 °C)	kW	28.7
Heating capacity	kW	18
High ambient performance	°C	up to 47 °C in full cooling to 53 °C in reduced cooling
Evaporator fresh air flow	m³/h	1 356
Evaporator air flow total at 180Pa of external static pressure	m³/h	4 400
Controller		HCU-I
Communication to train system		Ethernet CIP
Service communication		Ethernet
Power supply	V	3 x 400V AC
Control voltage	V	110V DC
Compressor type		2x vertical scroll in 2 circuits
Refrigerant type		R513A
Fire and smoke compliance		EN45545 HL2
TECHNICAL DATA		
Weight	kg	430
Dimensions (Width x Length x Height)	mm	1 690 x 2 500 x 520
Housing material		painted aluminum frame and covers