

LRC 5L/5H

Passenger HVAC unit

Technical specifications



HVAC MODEL		5L	5H
PERFORMANCE			
Cooling capacity (design conditions: 35/31.7/18.9 °C)	kW	31.5	-
Cooling capacity (design conditions: 34/28.1/17.7 °C)	kW	-	41.5
Heating capacity	kW	24	
High ambient performance	°C	up to 60 °C in full cooling to 49 °C in reduced cooling	up to 60 °C in full cooling to 53 °C in reduced cooling
Evaporator fresh air flow	m³/h	1 050	1 060
Evaporator air flow total at 160Pa of external static pressure	m³/h	3 700	-
Evaporator air flow total at 500Pa of external static pressure		-	4 600
Controller		HCU-I	
Communication to train system		CAN open / 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		R513A	
Fire and smoke compliance		EN45545 HL2	
TECHNICAL DATA			
Weight	kg	360	475
Width	mm	1469	
Length	mm	2183	
Height	mm	564	667
Housing material		painted aluminum frame and covers	

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