

RAC 40/60

Cabin HVAC unit

Technical specifications



HVAC MODEL

RAC 40/RAC 60

PERFORMANCE

Cooling capacity	kW	4-6
Heating capacity	kW	up to 6.5
High ambient performance	°C	up to 50 °C in full cooling to 45 °C in reduced cooling
Evaporator fresh air flow	m³/h	50-120
Evaporator air flow total at 150Pa of external static pressure	m³/h	780-850
Controller		ClimaAIRE II / ClimaAIRE ID / HCU-I
Communication to train system		ClimaAIRE II N/A / ClimaAIRE ID CAN / CAN
Service communication		RS232 (ClimaAIRE II only) / CAN (ClimaAIRE ID) / Ethernet http (HCU-I)
Power supply	V	3x 400V AC / 3x 480V AC
Control voltage	V	24V DC / 72V DC
Compressor type		1x vertical scroll
Refrigerant type		R407C / R513A
Fire and smoke compliance		NFPA 130 / EN45545 HL2

TECHNICAL DATA

Weight	kg	115-150
Width	mm	826-904
Length	mm	1080-1195
Height	mm	432-484
Housing material		painted aluminum frame and covers

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