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S290

SALOON HVAC

FOR LIGHT VEHICLES TRAINS

R290 *eco friendly*
NATURAL REFRIGERANT



TECHNICAL DATA

Climatic Zone According EN 14750		ZII
Cooling Capacity*	KW	22
Electrical Heating Capacity*	KW	23
AC Voltage supply	VAC	3 x 400 VAC 50 Hz
DC Voltage supply	VDC	4 x 400 VAC 50 Hz
Supply Air Flow**	m³/h	2400
Fresh Air Flow**	m³/h	0-664
Refrigerant		R290
Weight	Kg	375
Dimensions (Lenght x Width x Height)	mm	2450 x1800 x 353

* Nominal conditions according norma EN 13129 /ZII EN 14750 ZII CAT A

** Rated air flow at 250 Pa

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PRODUCT FEATURES

DESIGN

- > Hermetic plug & play unit for roof mounting.
- > Ultra light weight and reduced dimensions.
- > Temperature sensors included in the units.

REGULATION AND THERMAL COMFORT

- > Suitable for all climatic zones.
- > 0-100% fresh air damper regulation.
- > Optional CO₂ sensors for fresh air control.
- > Two-stage heating resistors. Optional reversible heat pump.
- > Optional floor heaters.

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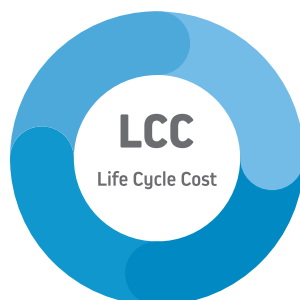
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PRODUCT FEATURES

MAINTENANCE

- > Fully automatic functioning and regulation.
- > Advanced microprocessor controller:
 - Electronic unit inside the HVAC.
 - Web server based maintenance software integrated in the electronic unit.
- > System variables monitoring and errors log.
- > Interactive troubleshooting.
- > Forced web mode and automode for easy checking and maintenance.
- > Easy and accesible maintenance from above.



**Optimized
life-cycle costs**

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STANDARDS

- > Design according to UNE-EN 14750 CAT A standard.
- > Vibrations Certificate according to CEI/ICE 61373:1999 Standard.
- > EMC according to UNE-EN 50121-3-2 Standard and Declaration of Conformity according to 2004/108/EC Directive.
- > Performance according to EN 50155 Standard for electronic device.
- > RAMS based on EN 50126.
- > Fire and smoke standards: EN 45545, NF F 16101 - NF F 16102, UNI-CEI 11170.
- > Design according to European standard EN 378 relates to safety and environmental of refrigerating systems.
- > IRIS Certificate: ISO/TS 22163.