



# RODOFRIO<sup>®</sup>

REFRIGERATION FOR ROAD TRANSPORT

Product  
Catalogue

# Experts in cold for more than four decades.

In 1988, Mr. Valter Aparecido Niclevisk started a small, modest refrigeration workshop. Over the years, and with a vast knowledge of refrigeration, Mr. Valter transformed this small workshop into the RODOFRIO we know today.

Currently, RODOFRIO is synonymous with quality and reliability, using the best of the national and international markets in our products, making our equipment equivalent to any other global product.

With a specialized technical assistance network present across Brazil, we are always looking to improve our products according to our customers' needs, always providing the best!





# R300 // R300S



Lightweight and compact equipment with fast cold reaction.

Ideal for small commercial vehicles and small trucks.

- ✓ Complete, easy to operate digital controller installed inside the vehicle.
- ✓ Compressor coupled to the vehicle's engine.
- ✓ High-performance condenser.
- ✓ Slim ceiling-mounted evaporator with double ventilation and 2400m<sup>3</sup>/h airflow, reduced dimensions for better utilization of the cargo compartment.
- ✓ Automatic and manual defrosting.
- ✓ Data Logger (Optional) Module for collecting data via USB.



Operating temperature with products coming out of the storage chamber.					
New thermally insulated trucks with polyurethane insulation and wall thickness between 70 and 100 millimeters, operating under normal delivery conditions with moderate door openings.					
Dimensions in length and cubic meters / Operating temperatures					
R300			R300S		
Gás R134A			Gás R404A		
2m	6m <sup>3</sup> =	+10°C / -12°C	2m	6m <sup>3</sup> =	0°C / -20°C
3m	8,5m <sup>3</sup> =	+10°C / -10°C	3m	8,5m <sup>3</sup> =	0°C / -18°C
4m	12m <sup>3</sup> =	+10°C / -8°C	4m	12m <sup>3</sup> =	0°C / -15°C
5m	18m <sup>3</sup> =	+10°C / -5°C	5m	18m <sup>3</sup> =	0°C / -10°C

# R400 / R400S



**Ideal for small and medium-sized refrigerated trucks.**

**Suitable for distributing cooled and frozen products, and rapid recovery of refrigeration between deliveries.**



- ✓ Complete, easy to operate digital controller, installed inside the vehicle.
- ✓ High-performance condenser.
- ✓ Slim ceiling-mounted evaporator with double ventilation and 2400m<sup>3</sup>/h airflow, reduced dimensions for better utilization of the cargo compartment.
- ✓ Compressor coupled to the vehicle's engine.
- ✓ Electric motor for mains operation.
- ✓ Automatic voltage selector for 220 or 380 volts three-phase.
- ✓ Automatic and manual defrosting.
- ✓ Data Logger (Optional) Module for collecting data via USB.

## Operating temperature with products coming out of the storage chamber.

New thermally insulated trucks with polyurethane insulation and wall thickness between 70 and 100 millimeters, operating under normal delivery conditions with moderate door openings.

Dimensions in length and cubic meters / Operating temperatures					
R400			R400S		
Gás R134A			Gás R404A		
2m	6m <sup>3</sup> =	+10°C / -15°C	2m	6m <sup>3</sup> =	0°C / -20°C
3m	8,5m <sup>3</sup> =	+10°C / -12°C	3m	8,5m <sup>3</sup> =	0°C / -18°C
4m	12m <sup>3</sup> =	+10°C / -10°C	4m	12m <sup>3</sup> =	0°C / -15°C
5m	18m <sup>3</sup> =	+10°C / -10°C	5m	18m <sup>3</sup> =	0°C / -10°C



R440 // R440S // R440AE



Ideal for small and medium-sized refrigerated trucks.

Suitable for distributing cooled and frozen products, and rapid recovery of refrigeration between deliveries.



- ✓ Complete, easy to operate digital controller installed inside the vehicle.
- ✓ Compressor coupled to the vehicle's engine.
- ✓ Electric motor for mains operation (R440AE version only).
- ✓ Automatic voltage selector for 220 or 380 volts, three-phase (R440AE version only).
- ✓ High-performance condenser.
- ✓ Slim ceiling-mounted evaporator with double ventilation and 2400m³/h airflow, reduced dimensions for better utilization of the cargo compartment.
- ✓ Triple-ventilation ceiling evaporator (optional), R440S model only.
- ✓ Automatic and manual defrosting.
- ✓ Data Logger (Optional) Module for collecting data via USB.

Operating temperature with products coming out of the storage chamber.

New thermally insulated trucks with polyurethane insulation and wall thickness between 70 and 100 millimeters, operating under normal delivery conditions with moderate door openings.

Dimensions in length and cubic meters / Operating temperatures											
R440 / R440AE						R440S					
Gás R134A						Gás R404A					
3m	8,5m³=	+20°C / -15°C				3m	8,5m³=	-5°C / -20°C			
4m	12m³=	+20°C / -12°C				4m	12m³=	-5°C / -20°C			
5m	18m³=	+20°C / -8°C				5m	18m³=	-5°C / -18°C			
6m	28m³=	+20°C / -8°C				6m	28m³=	-5°C / -15°C			
6,5m	39m³=	+20°C / -5°C				6,5m	39m³=	-5°C / -10°C			



**Ideal for small and medium-sized refrigerated trucks.**

**Suitable for distributing cooled and frozen products.**



- ✓ Complete, easy to operate digital controller installed inside the vehicle.
- ✓ High-performance condenser.
- ✓ Compressor coupled to the vehicle's engine.
- ✓ Slim ceiling-mounted evaporator, for better utilization of the cargo compartment, with double ventilation and 2400m<sup>3</sup>/h airflow.
- ✓ Semi-hermetic compressor for the system in electric mode.
- ✓ Automatic voltage selector for 220 or 380 volts in electric motor operating mode.
- ✓ Rapid recovery from cold deliveries.
- ✓ Automatic and manual defrosting.
- ✓ Data Logger (Optional) Module for collecting data via USB.

Operating temperature with products coming out of the storage chamber.					
New thermally insulated trucks with polyurethane insulation and wall thickness between 70 and 100 millimeters, operating under normal delivery conditions with moderate door openings.					
Dimensions in length and cubic meters / Operating temperatures					
RSH2			RSH2S		
Gás R134A			Gás R404A		
3m	8,5m <sup>3</sup> =	+20°C / -15°C	3m	8,5m <sup>3</sup> =	-5°C / -20°C
4m	12m <sup>3</sup> =	+20°C / -12°C	4m	12m <sup>3</sup> =	-5°C / -20°C
5m	18m <sup>3</sup> =	+20°C / -8°C	5m	18m <sup>3</sup> =	-5°C / -18°C
6m	28m <sup>3</sup> =	+20°C / -8°C	6m	28m <sup>3</sup> =	-5°C / -15°C
6,5m	39m <sup>3</sup> =	+20°C / -5°C	6,5m	39m <sup>3</sup> =	-5°C / -10°C



# RSH4 / RSH4S



Ideal for small and medium-sized refrigerated trucks.

Suitable for distributing cooled and frozen products.



- ✓ Complete, easy to operate digital controller installed inside the vehicle.
- ✓ High-performance condenser.
- ✓ Compressor coupled to the vehicle's engine.
- ✓ Slim ceiling-mounted evaporator, for better utilization of the cargo compartment, with triple ventilation and 3600m³/h airflow.
- ✓ Semi-hermetic compressor for the system in electric mode.
- ✓ Automatic voltage selector for 220 or 380 volts in electric motor operation mode.
- ✓ Rapid recovery from cold deliveries.
- ✓ Automatic and manual defrosting.
- ✓ Data Logger (Optional) Module for collecting data via USB.

## Operating temperature with products coming out of the storage chamber.

New thermally insulated trucks with polyurethane insulation and wall thickness between 70 and 100 millimeters, operating under normal delivery conditions with moderate door openings.

Dimensions in length and cubic meters / Operating temperatures									
RSH4					RSH4S				
Gás R134A					Gás R404A				
3m	8,5m³=	+20°C / -15°C			3m	8,5m³=	-5°C / -20°C		
4m	12m³=	+20°C / -12°C			4m	12m³=	-5°C / -20°C		
5m	18m³=	+20°C / -8°C			5m	18m³=	-5°C / -18°C		
6m	28m³=	+20°C / -8°C			6m	28m³=	-5°C / -15°C		
6,5m	39m³=	+20°C / -5°C			6,5m	39m³=	-5°C / -10°C		





Power and high performance in refrigeration with the best cost-benefit ratio on the national market.

High-tech and efficient two-cylinder aluminum compressor.



Operating temperature with products coming out of the storage chamber.

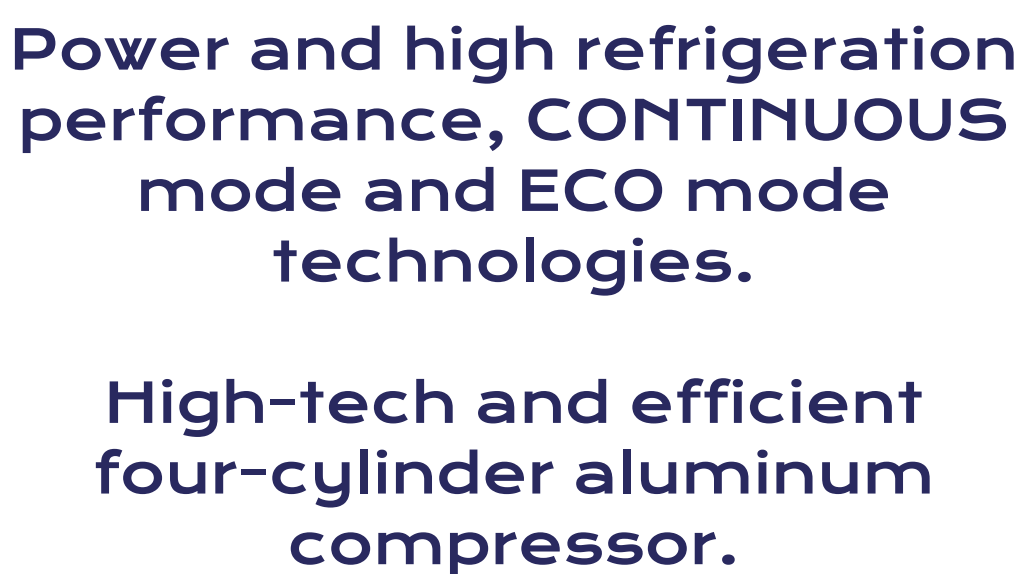
New thermally insulated trucks with polyurethane insulation and wall thickness between 70 and 100 millimeters, operating under normal delivery conditions with moderate door openings.

Dimensions in length and cubic meters / Operating temperatures		
R404A		
4m	12m³=	-5°C / -25°C
5m	18m³=	-5°C / -25°C
6m	28m³=	-5°C / -20°C
6,5m	39m³=	-5°C / -20°C
7,8m	46m³=	-5°C / -15°C
8,4m	50m³=	-5°C / -10°C

- ✓ Complete digital controller, with controls and information checks on the display, installed on the vehicle's dashboard.
- ✓ Yanmar 2-cylinder diesel engine.
- ✓ Automatic start of the diesel engine, as well as in case of power failure in the electric motor.
- ✓ Equipped with motion sensors and water temperature sensors in diesel operating mode.
- ✓ Automatic voltage selector for 220 or 380 volts three-phase, and phase inverter in electric operation mode.
- ✓ High-performance condenser with blade.
- ✓ All-aluminum pallet evaporator with triple ventilation and 4800m³/h of airflow.
- ✓ Manual and automatic defrosting.
- ✓ Data Logger (Optional) Module for collecting data via USB.
- ✓ High-tech and efficient two-cylinder aluminum compressor.







New thermally insulated trucks with polyurethane insulation and wall thickness between 70 and 100 millimeters, operating under normal delivery conditions with moderate door openings.

Dimensions in length and cubic meters / Operating temperatures		
<b>R404A</b>		
5m	18m <sup>3</sup> =	-5°C / -30°C
6m	28m <sup>3</sup> =	-5°C / -30°C
6,5m	39m <sup>3</sup> =	-5°C / -28°C
7,8m	46m <sup>3</sup> =	-5°C / -25°C
8,4m	50m <sup>3</sup> =	-5°C / -25°C
9,5m	56m <sup>3</sup> =	-5°C / -20°C

- 
- Three circular icons representing maintenance intervals:
- 800 Hours:** A circular icon with a dark blue background. The text "Between Oil" is at the top and "and Filter Changes" is at the bottom, both in white. In the center, "800 Hours" is written in large white font, flanked by two small white stars.
  - ABS:** A circular icon with a dark blue background. The text "Fairing • Fairing • Fairing • Fairing • Fairing • Fairing" is written in white around the perimeter. In the center, "ABS" is written in large white font, flanked by two horizontal white bars.
  - 1 year:** A circular icon with a dark blue background. The text "Warranty • Warranty • Warranty • Warranty • Warranty • Warranty" is written in white around the perimeter. In the center, "1 year" is written in large white font, flanked by two horizontal white bars.



**Ideal for rigorous cold testing.  
Highly efficient ventilation  
condenser maintains optimum  
working pressures even in  
warmer ambient temperatures,  
features CONTINUOUS mode  
and ECO mode technologies.**



**Operating temperature with  
products coming out of the  
storage chamber.**

New thermally insulated trucks with polyurethane insulation and wall thickness between 70 and 100 millimeters, operating under normal delivery conditions with moderate door openings.

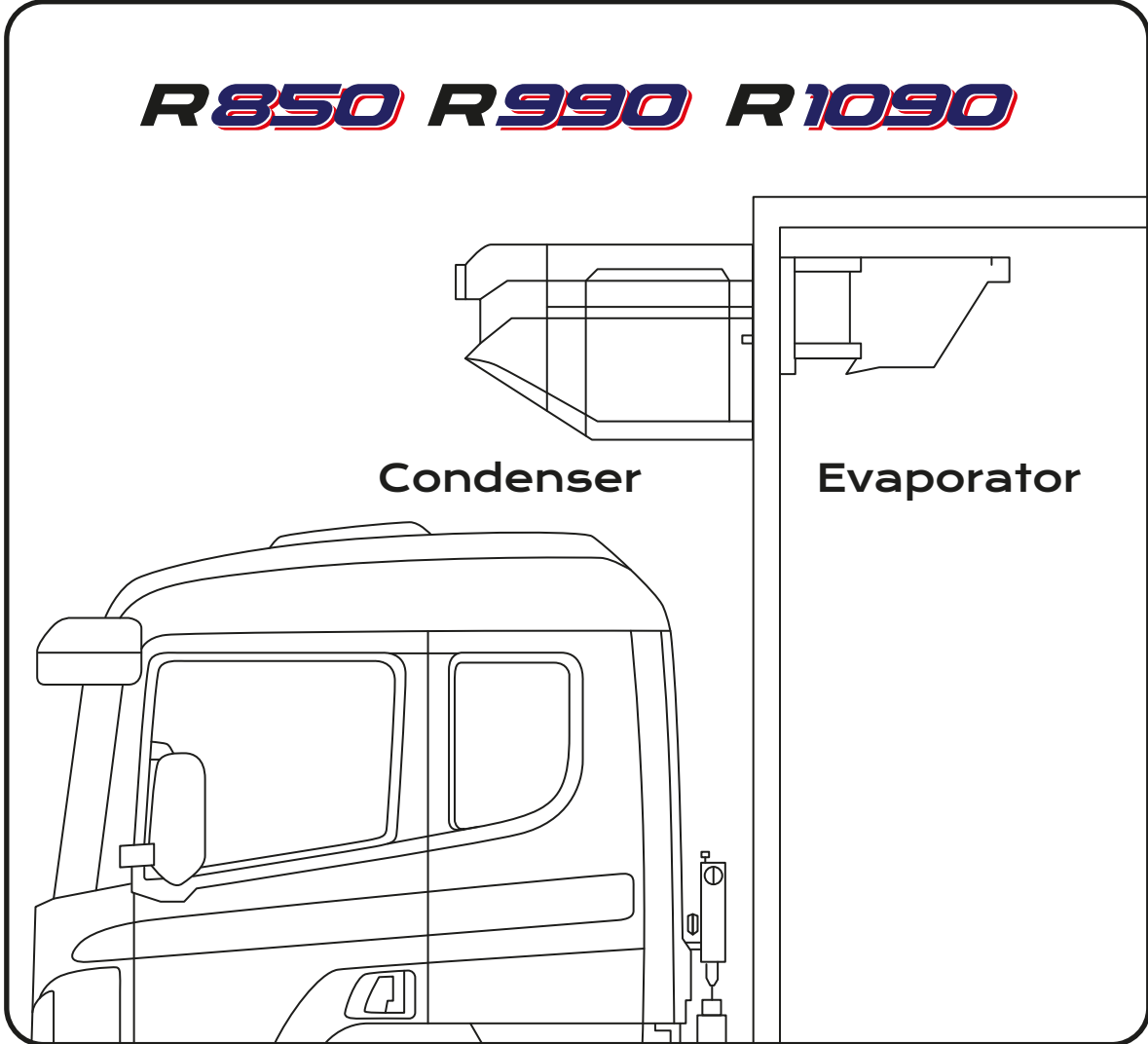
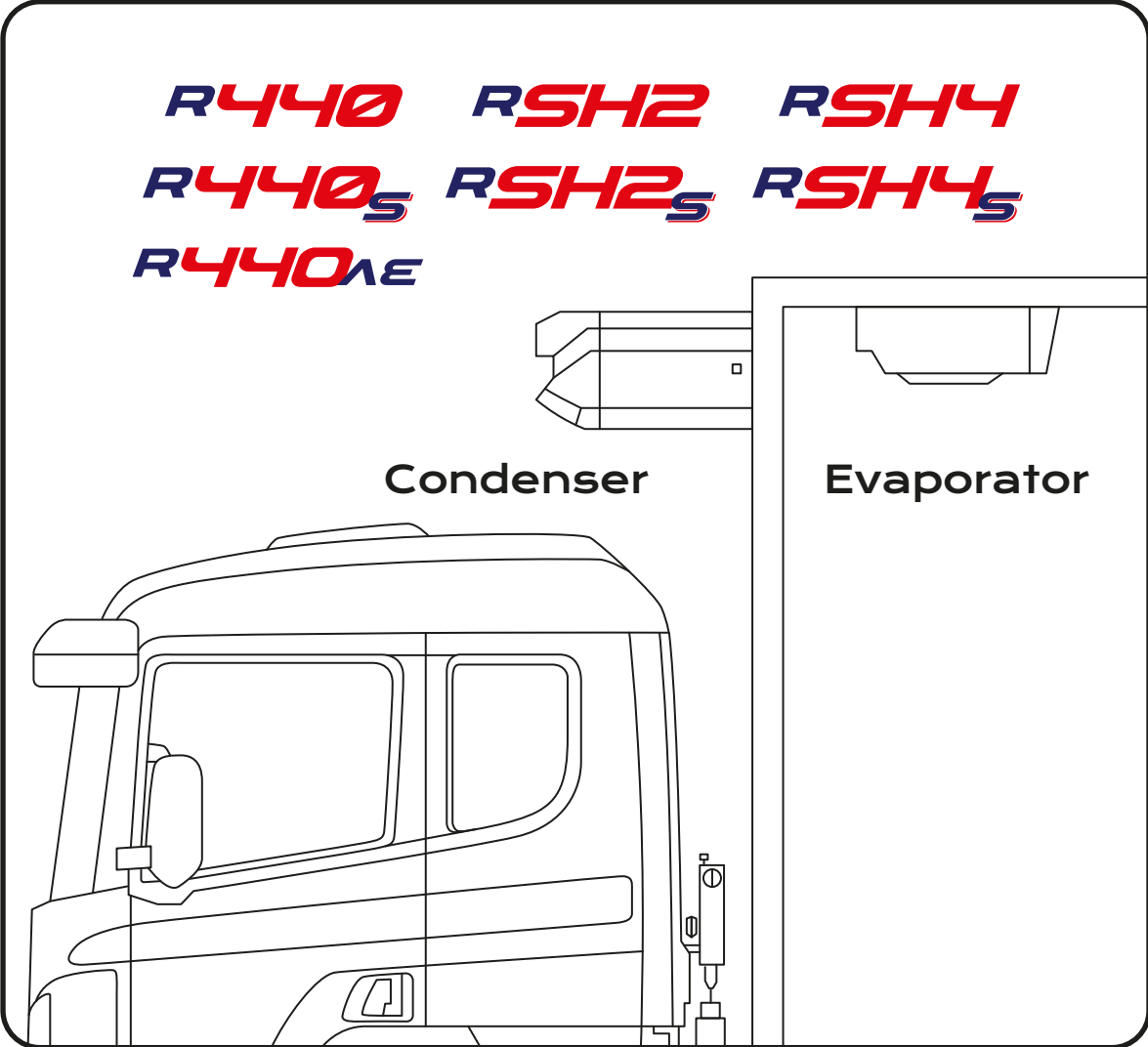
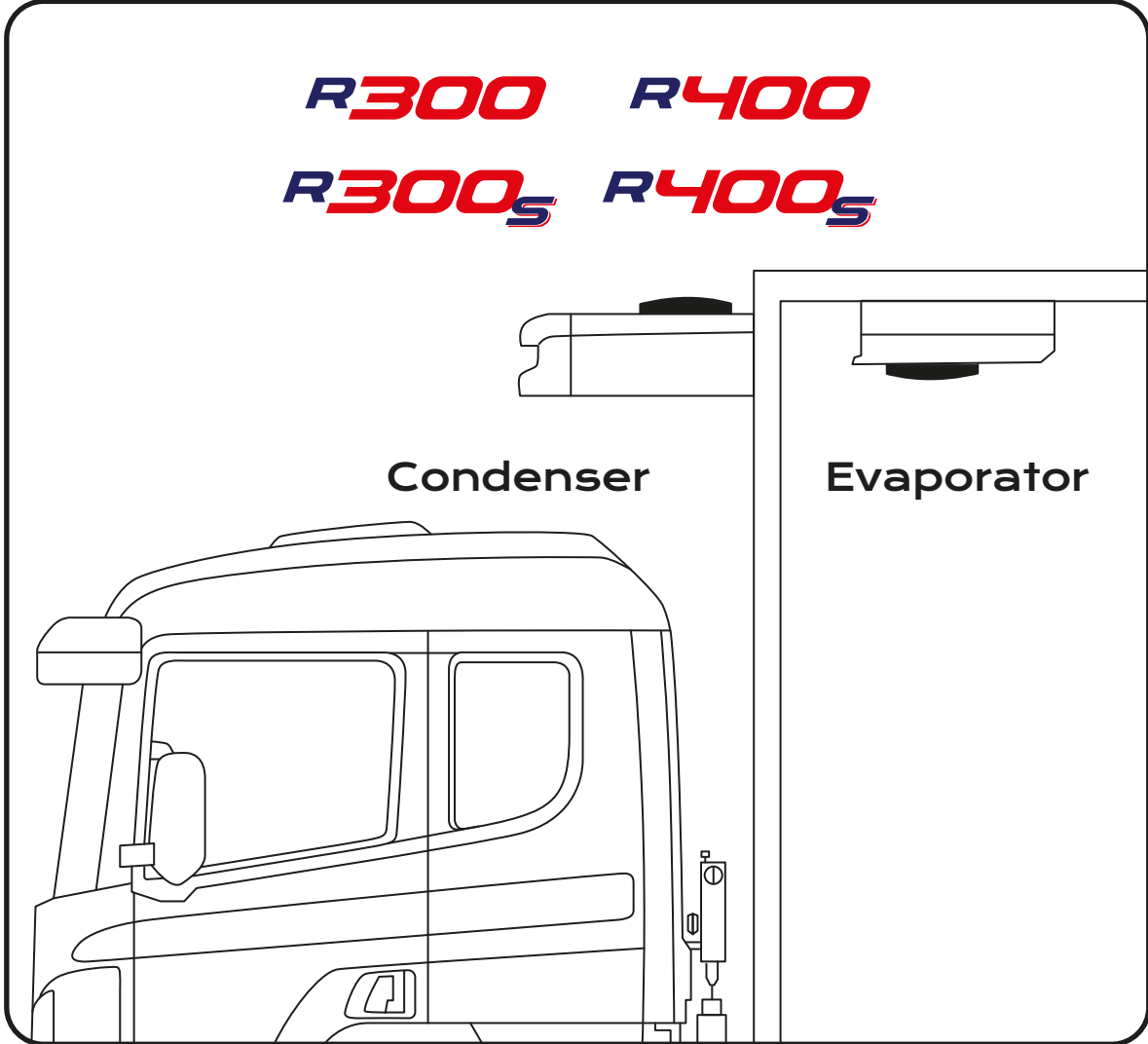
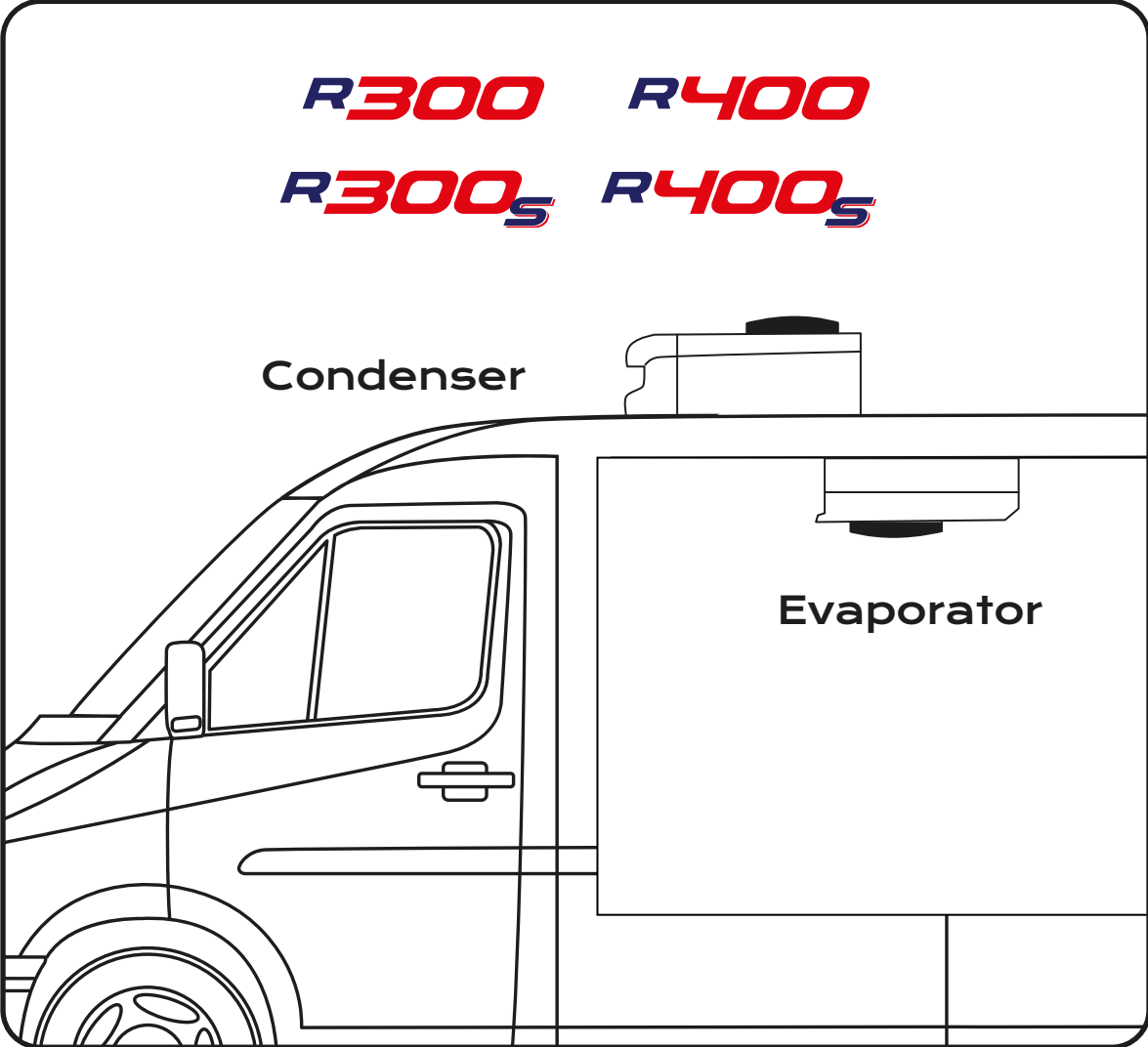
Dimensions in length and cubic meters / Operating temperatures		
R404A		
5m	18m³=	-5°C / -30°C
6m	28m³=	-5°C / -30°C
6,5m	39m³=	-5°C / -28°C
7,8m	46m³=	-5°C / -25°C
8,4m	50m³=	-5°C / -25°C
9,5m	56m³=	-5°C / -20°C

- ✓ Complete digital controller, with controls and information checks on the display, installed on the vehicle's dashboard, making it look more modern.
- ✓ CONTINUOUS mode, continuous diesel engine operation system, ideal for products that cannot have sudden temperature variations.
- ✓ ECO mode, the diesel engine's operating system, which provides fuel savings and less noise due to its low-speed operation.
- ✓ Yanmar 3-cylinder diesel engine.
- ✓ Equipped with motion sensors and water temperature sensors in diesel operating mode.
- ✓ 10 hp electric motor.
- ✓ Automatic voltage selector for 220 or 380 volts three-phase, and phase inverter in electric operation mode.
- ✓ Automatic start of the diesel engine, as well as in case of power failure in the electric motor.
- ✓ Four-cylinder aluminum compressor with double cylinder head.
- ✓ All-aluminum pallet evaporator with triple ventilation and 4800m³/h of airflow.
- ✓ Manual and automatic defrosting.
- ✓ Data Logger (Optional) Module for collecting data via USB.





# Layout of the Rodofrio units installed in the vehicles.



Talk to one of our consultants, and we will recommend the ideal equipment for your fleet. Request your quote now.

Phones (55) (43) 3252 4493 / 3172 9900  
rodofrio@rodofrio.com.br

Extensive technical assistance network.

We work with a large stock of parts and ship them all over Brazil, making it even easier to keep your Rodofrio refrigeration equipment always supplied with original parts. Go to: **rodofrio.com.br** and check the nearest service center in your city.

Social Media     @rodofriobr





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