

# Fully Integrated Cargo Insulation & Isolation Systems

for Nissan NV200 Vans



## Gruau

Gruau (grū-ō) is a France-based company that specializes in van-based commercial upfits. Gruau-USA has partnered with Phenix to bring their products to the United States. IsoVan products have been produced in Europe since 1976. These decades of experience have allowed Gruau to refine their product into the current industry leader in quality and performance.



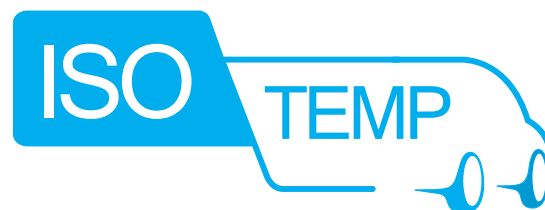
## IsoVan

The IsoVan family of products include both IsoTemp and IsoChem. Both products are built with the same design that has been refined over four decades. IsoVan products are engineered specifically for the van they are installed in, resulting in a superior fit and finish.



## IsoTemp

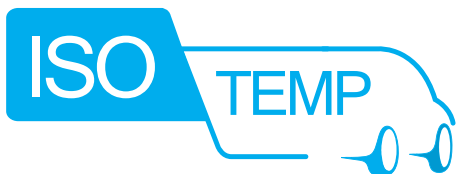
IsoTemp is a system of prefabricated, insulated panels that fit perfectly into each van they are designed for. The superior design of the IsoTemp system results in the industry's best insulated performance and long-term durability, which is especially critical for food transport. The system is also able to be divided into up to 3 separate temperature zones for vehicle flexibility. The floor drain and reefer plumbing behind the bulkhead allow for easy clean up and maintenance.



## IsoChem

IsoChem is a system of panels that are installed in your van to 100% seal the passenger compartment from the cargo area. The IsoChem system is independently tested and validated to be 100% sealed from fumes, vapors, and smells. The fit and finish of the kit give it a factory finish look and make clean up quick and easy.





## IsoTemp by Gruau

IsoTemp is a fully isolated cargo van system with best-in-class insulation for refrigerated or heated applications.



*Unit may be shown  
with optional features*

## Standard Features

- A** Modular, insulated fiberglass panels with best-in-class thermal insulation ( $K < 0.38$ )
  - B** Fully insulated side and rear doors with superior double seals
  - C** Bonded and double-sealed seams for minimal temperature loss and long-term durability
  - D** Return flange floor design for superior seal, durability and cleanability
  - E** Non-slip floor texture
  - F** Integrated floor drain
  - G** Roof-mounted reefer unit plumbed on front of bulkhead for maintenance accessibility
- Other features not pictured:
- LED interior lighting

*\*HACCP certified, USDA approved and FMVSS 201U compliant*

IsoTemp kit  
ideal for:



Food Delivery



Biomedical  
Transport



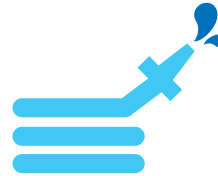
Catering

## IsoTemp Advantages



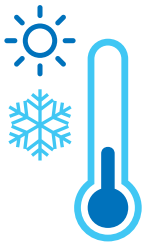
### Industry's Best Insulation Performance

- Potential to use smaller reefer unit to achieve temperature maintenance
- Less fuel consumption, wear and tear on van
- Superior food safety



### Easy To Clean

Sealed seams and integrated floor drain make cleaning quick and easy



### Customizable Up To 3 Temperature Zones

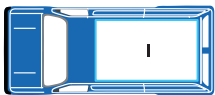
Optional inner panels separate load space in up to 3 sections

\*Only available in certain models

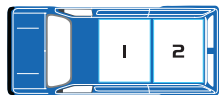


### Long-term Durability

Return flange floor design and double-sealed, interlocking panel seams result in superior long-term durability



1 Zone Configuration

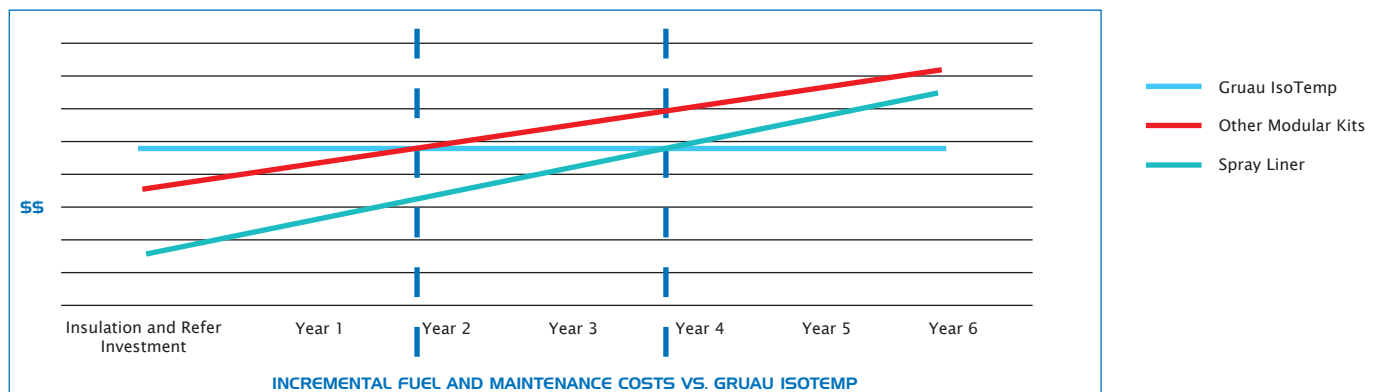


2 Zone Configuration



3 Zone Configuration

## IsoTemp Return on Investment



\*Calculation based on average price of cargo van insulation and refer price

\*\*Incremental fuel and maintenance cost based on increased engine use with less efficient systems



## Popular Options



■ Frozen application  
extra side door



■ Anti-slip aluminum  
floor protection

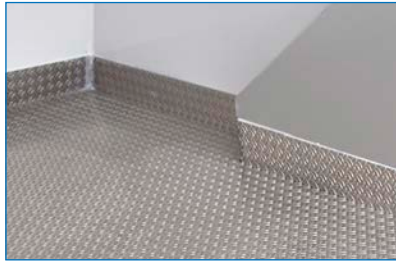


■ Clear PVC strip curtains





■ Stainless steel door step protection



■ Aluminum low side protection



■ Aluminum fold-down shelving



■ Raised platform  
*Small vans only*



■ E-Track system



■ Reefer roof recess kit  
*Limited availability*



## IsoTemp Van Specifications

Van Make	Van Model	Wheelbase	Roof Height	IsoTemp Kit Available	Cargo Area Volume	Inner Length	Inner Width	Inner Height	Kit Weight
Nissan	NV200	115 in.	Standard	Yes	85 cu. ft.	68.3 in.	48.7 in.	45.3 in.	268 lb.
	NV Cargo	146 in.	Standard	No					
		146 in.	High	No					

## Thermo King Reefer Application

				Thermo King Direct Drive Application			
				10 Door Openings Per Day		30 Door Openings Per Day	
Van Make	Van Model	Wheelbase	Roof Height	Fresh (35°F)	Frozen (-4°F)	Fresh (35°F)	Frozen (-4°F)
Nissan	NV200	115 in.	Standard	B100	V200 Max	B100	V200 Max

\*Outside temperature up to 104°F. Check with your sales representative for outside temperatures over 104°F.

\*\*Standard units have suffix "10." The "10" series does not offer power standby.

\*\*\*Shore power units are represented with suffix "20." The "20" series is offered with 115/1/60 Hz, 220/1/60 Hz or 230/3/60 Hz power standby options.

## Carrier Direct Reefer Application

				Carrier Direct Drive Application			
				10 Door Openings Per Day		30 Door Openings Per Day	
Van Make	Van Model	Wheelbase	Roof Height	Fresh (35°F)	Frozen (-4°F)	Fresh (35°F)	Frozen (-4°F)
Nissan	NV200	115 in.	Standard	30S	20X	30S	20X

\*Outside temperature up to 104°F. Check with your sales representative for outside temperatures over 104°F.

\*\*30S unit can be upgraded to include 115/1/60 Hz or 230/1/60 Hz electric standby







## IsoChem by Gruau

IsoChem 100% isolates the cargo area from the passenger cabin to prevent transfer of fumes, vapors and smells.



*Unit may be shown  
with optional features*

## Standard Features

- A** Modular ABS panels
- B** Aluminum anti-slip floor protection
- C** Return flange floor design for superior durability and easy cleaning
- D** Integrated floor drain
- E** Integrated cargo tie-down points for securing cargo

Other features not pictured:

- LED interior lighting

*\*FMVSS 201U compliant*

IsoChem kit  
ideal for:



Pest Control



Chemical  
Transport



Pharmaceutical  
Transport

## IsoChem Advantages



### Independently Tested and Validated

to be 100% sealed from fumes,  
vapors and smells



### Sealed ABS Design and Integrated Floor Drain

makes complete cargo area  
cleaning quick and easy



### Modular Kit Assembly

perfect for one-off orders or high  
volume installations



### Factory Finish Look

makes resale or re-purpose  
seamless

## Popular Options



- Power roof vent  
*Optional vent failure alarm*

## IsoChem Van Specifications

Van Make	Van Model	Wheelbase	Roof Height	IsoChem Kit Available	Cargo Area Volume	Inner Length	Inner Width	Inner Height	Kit Weight
Nissan	NV200	115 in.	Standard	Yes	110 cu. ft.	69.6 in.	53.1 in.	51.4 in.	185 lb.

## About Gruau



Gruau Group Headquarters  
Laval, France

Gruau is a French, 5th generation family-owned company that has been in business for over 125 years, specializing in the conversions of light commercial vehicles. With over 1,350 employees and 50,000 conversions per year for customers and OEMs around the world, Gruau is Europe's leading body builder. Its 17 commercial and industrial facilities offer unique design, commercial and industrial capacity.

Gruau is a referenced supplier to 24 international vehicle brands and designs, manufactures and commercializes more than 20 product lines, and is supported by a network of over 125 distributors and dealers in Europe, North America, Africa and the Middle East.

## Request a Quote

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