

## GRUAU, the specialist in Refrigerated Van Solutions

FMVSS 201U compliant



**Fully Integrated & Climate Controlled Cargo Insulation System**

ISO TEMP

Customizable with up to 3 separate temperature controlled environments from -5°F to 60°F

Ideal for applications including:

- Food Delivery
- Biomedical Transport
- Catering



### GRUAU

- Family Business since 1889
- Gruau European leader in van conversions
- Same quality standards across North America
- 3 years warranty (conditions available)
- Certified distributors across North America

### Isotemp, a high quality product

- Modular kit assembly with interlocking pieces
- Unique proven temperature control capability (see graphs attached)
- Leak-free fiberglass panels, easy to clean
- Fast install time

### OPTIONAL TEMPERATURE LOGGING SYSTEMS

- Real time temperature monitoring: data exchange and retention
- Alarm in case of temperature default
- Protects your company/brand and your customers from FSMA liabilities

\*Other options available

### Are you FSMA compliant?

- FSMA : Food Safety Modernization Act  
<https://www.fda.gov/Food/GuidanceRegulation/FSMA>
- All businesses sizes have to be compliant since April 2018 (FDA Regulation)

# IsoTemp Solution on Ford Transit

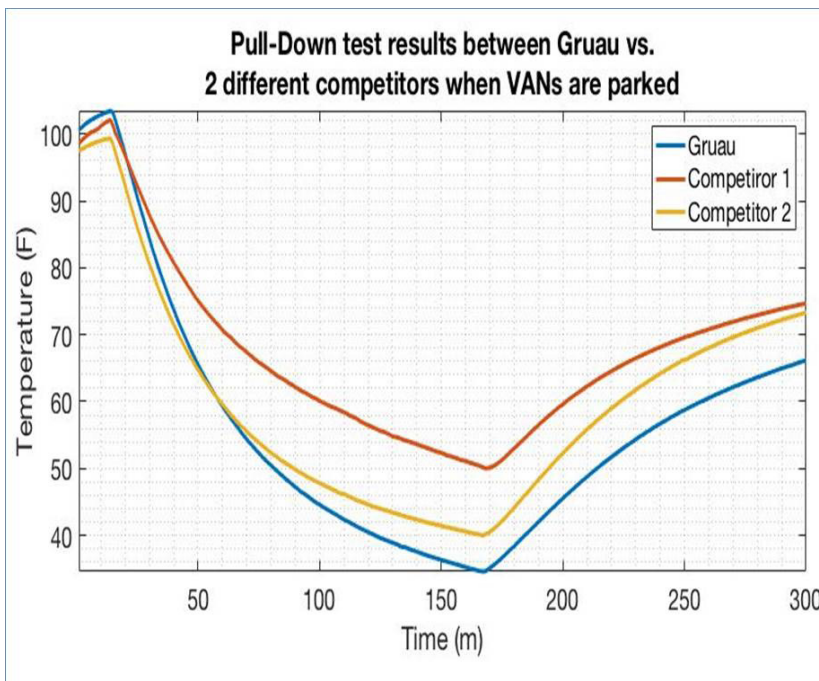
## Thermo King Reefer Application

				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)
Ford	Transit	130 in. (Regular)	Medium	B100/V200	V200 Max	V200	V520 Max
		148 in. (Long)	Medium	V200	V300 Max	V200	V520 Max
		148 in. (Long)	High	V200	V300 Max	V200	V520 Max
		148 in. (Long Extended)	High	V200	V520 Max	V300	V520 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.

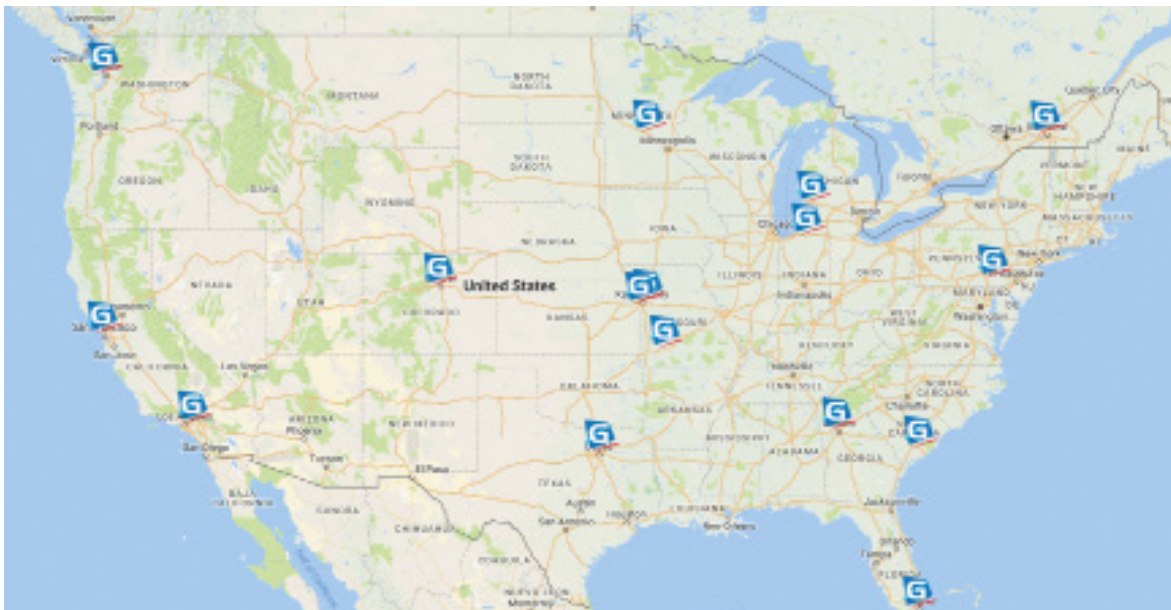
\*\*\*Shore power units are represented with suffix "20." The "20" series is offered with 115/1/60 Hz, 220/1/60 Hz or 230/3/60 Hz power standby options.



- Gruau with TKV200, 61.8% less powerful than the TK320 of competitors
- Gruau operated on idle offering less than 60% of TK200 capacity while the others operated on stand by
- Gruau started with 107F and cooled to 34.6 F in 2h 37m (157 minutes)
- Competitor #1 & #2 never reached 35°F fresh despite a more powerful V320 unit.

## About Gruau

Gruau is a French, 5th generation family-owned company that has been in business for over 126 years, specializing in the conversions of light commercial vehicles. With over 1,600 employees and 50,000 conversions per year for customers and OEMs around the world, Gruau is Europe's leading body builder. Its 18 commercial and industrial facilities offer unique design, commercial and industrial capacity.



Gruau is expanding its network with long term quality partners that have been trained both technically and commercially.

**Please contact us for more information**

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