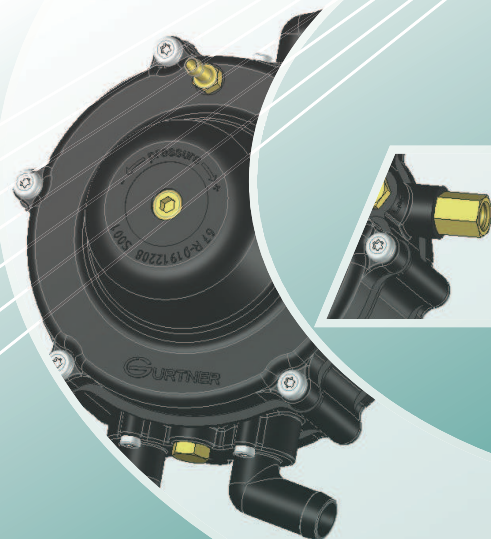


GURTNER®

Your partner for gas mobility

Gévelot
groupe



LPG CATALOGUE - 2014

Solutions for small and big engines



Gurtner, more than a supplier... a technical partner

100% of products Made in France

Policy of quality, of service and of listening to the customers

Personalization of your products

Research of specific technical solutions to your needs and
your markets

Adaptation to your constraints and waits

A strong daily environmental approach
(ISO-certified Gurtner 14001)

GURTNER,
SPECIALIST OF SPECIFIC NEEDS FOR GAS VEHICLES

SUMMARY

▲ GENERAL PRESENTATION

▲ RANGE OF PRODUCTS

⇒ **MIDJET** *LPG solution for compact standard cars*

⇒ **VAPOJET** *LPG solution for big engines*

▲ PRODUCTS AND ADDITIONAL SERVICES

▲ CONDITIONS OF SALE

Packaging and maintenance

Warranty conditions and delivery

YOUR CONTACTS



Production site in France (Pontarlier - 25)

GURTNER is a subsidiary of Gevelot Group (about 1200 employees). Gurtner has experience in design, production and marketing of products used for gas and fluid circulation. Its know-how and its capability of adapting to the market make from Gurtner a trustable partner.

The company is situated in France in Pontarlier, near Switzerland, Germany and Italy, next to important main highways. More than 90 employees work for Gurtner. The society daily work to form its staff.

100% MADE IN FRANCE - 100% MADE IN GURTNER

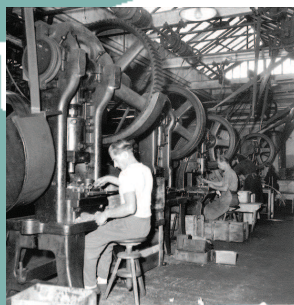
- > GURTNER CONCEPTION : reseach and development departement integrated into the company
- > GURTNER PRODUCTION : 7 200 m² of workshop
- > GURTNER MARKETING : same contacts present in the company



POLICY OF GURTNER

▲ A quality policy

- ⇒ 100% of our products are tested
- ⇒ Products conform to the R67 (for reducers)
- ⇒ French production and component from Europe only
- ⇒ 3 certifications ISO including TS 16949 (garanty of quality and delivery for OE)



ISO 9001 : 2008
Quality System
Organisation



ISO 14001 : 2004
Environmental
Management System



ISO / TS 16949 : 2009
Automotive System
Organisation



SOME KEY DATES

1907: Jules GURTNER created a neckine workshop in PONTARLIER. He expands his business to the emerging automotive industry and motorcycle.

1957 : GURTNER SA becomes a subsidiary of GÉVELOT Group. The company has, since this date, important means for reseach, methods and manufacture.

1960 : Range or products improves to equipement for LPG distribution

1992 : Creation of carburattor with new technology for scooter

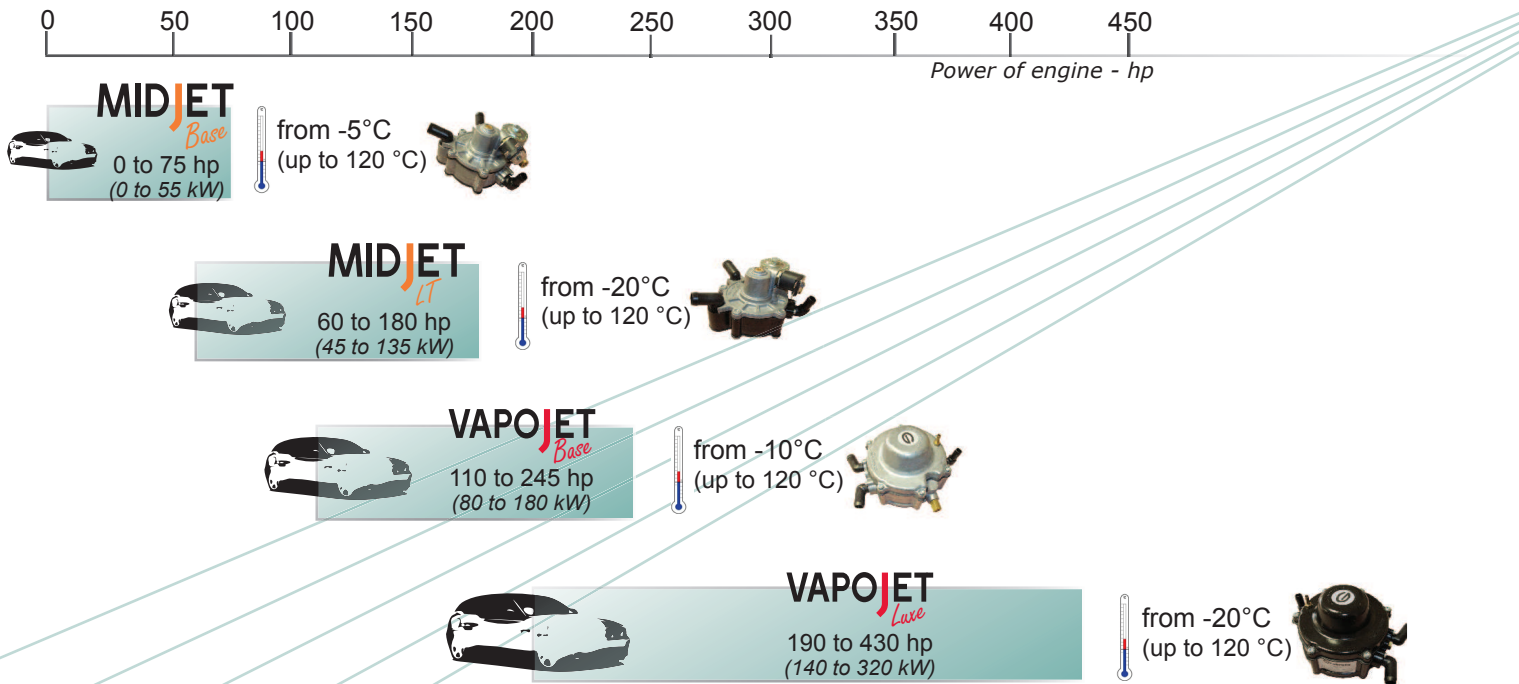
1997 : Creation of a metering pump for 2-stroke engine

2005 : Starting up of automotive dosage activity

2008 : Creation of 2 ranges of LPG reducers



In order to sweep all power of engines of light vehicles, Gurtner proposes you 4 solutions :



SOME REFERENCES

Products installed all around the world, on all types of cars. Some examples :

⇒RENAULT KANGOO, CLIO, TWINGO – MOTEUR D7F 1200 CC
Vehicles equipped with a Midjet – vehicles LPG origin

⇒SUBARU FORESTER – 2,0 LITERS
Vehicle equipped with a Midjet

⇒CHEVROLET – ALL THE RANGE FROM 1200 CC TO 2000 CC
Vehicles equipped with a Midjet – vehicles LPG origin

⇒LADA NIVA -1700 CC
Vehicle equipped with a Midjet – vehicles LPG origin

⇒TRUCK CHEVROLET - V8 - 5.7 LITERS - VORTEC ENGINE – 255 hp
Vehicle equipped with a Vapojet Luxe. Daily Use - starting motor directly with gas

⇒BMW 740 I - V8 - 4.0 LITERS - 286 hp
Vehicle equipped with a Vapojet Luxe

⇒PORSCHE CAYENNE TURBO - V8 BI-TURBO - 4.5 LITERS - 450 hp
Vehicle equipped with 2 Vapojet Luxe to gensure all engine performance. Power tested on a roller bench

⇒TRUCK GMC - V8 - 6.0 LITERS - 320 hp
Vehicle equipped with 2 Vapojet Luxe (tested in Canada)

⇒...





▲ MIDJET

MIDJET

LPG SOLUTION FOR COMPACT STANDARD CARS



MIDJET
Base

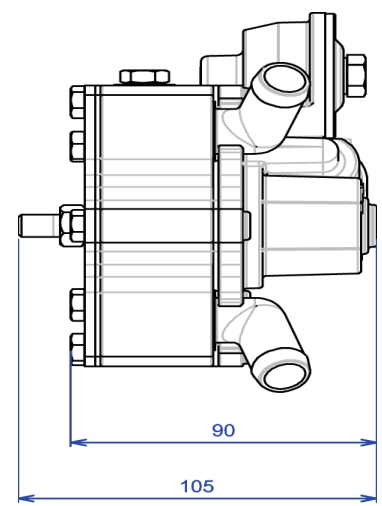
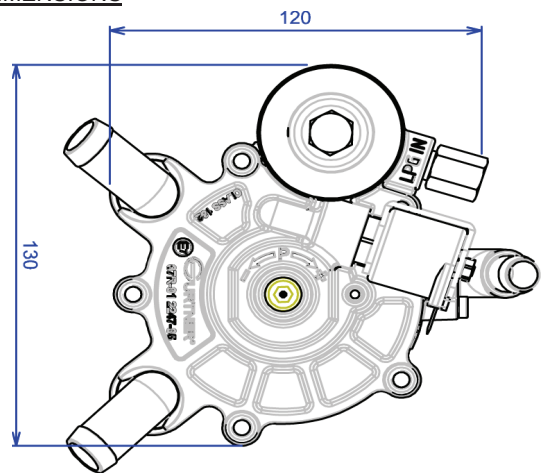


MIDJET
LT

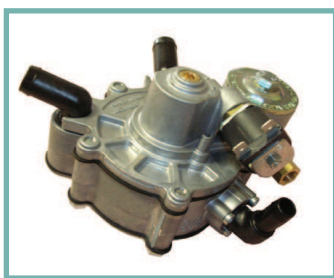
TECHNICAL ADVANTAGES

- ⇒ Reduced weight compare to the main competitor (-35%)
- ⇒ Compactness in diameter and height
- ⇒ Integrated solenoid valve and filter
- ⇒ Water and gas outlet adjustable in rotation without particular tools
- ⇒ Black cataphoresis to improve efficiency vaporization at low temperature down to - 20°C for the Midjet LT
- ⇒ Membrane with new technology anti-vibration and better regulation curve
- ⇒ Easier maintenance due to a low number of screws (1 for the filter cover, and 5 for the main body)

DIMENSIONS



POSSIBILITY TO ENGRAVE ON THE BODY OR THE COVER



MIDJET Base

The small engine solution

From 0 to 75 hp (0 to 55 kW) - tested on cars by -5°C

ENGINE SPECIFICATIONS :

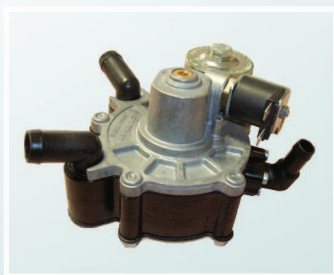
Adjustable outlet pressure from 1 to 1,5 bar

MECHANICAL SPECIFICATIONS :

- ⇒ Safety device against overpressure : relief valve 5 bar
- ⇒ Gas inlet interface : Ø 6 mm or Ø 8 mm
- ⇒ Engine coolant fitting : rotative elbow nipple Ø 16 mm
- ⇒ Gas outlet fitting : rotative elbow nipple Ø 12 mm or Ø 16 mm
- ⇒ Inlet gas connection : Female M12x1 – possible customization
- ⇒ Temperature sensor fitting : M5 Threaded hole
- ⇒ Solenoid valve with filter integrated

REFERENCES :

Product S/N	24 970 / 05	Gas outlet Ø 12 or 16 – gas inlet Ø 6 or 8
-------------	-------------	--



MIDJET LT

The high range solution for compact standard cars

From 60 to 180 hp (45 to 135 kW) - tested on cars by -20°C

ENGINE SPECIFICATIONS :

Adjustable outlet pressure from 1 to 1,5 bar or from 0,6 to 1,1 bar

MECHANICAL SPECIFICATIONS :

- ⇒ Safety device against overpressure : relief valve 5 bar
- ⇒ Gas inlet interface : Ø 6 mm or Ø 8 mm
- ⇒ Engine coolant fitting : rotative elbow nipple Ø 16 mm
- ⇒ Gas outlet fitting : rotative elbow nipple Ø 12 mm or Ø 16 mm
- ⇒ Inlet gas connection : Female M12x1 – possible customization
- ⇒ Temperature sensor fitting : M5 Threaded hole
- ⇒ Solenoid valve with filter integrated

REFERENCES :

Product S/N	24 970 / 06	Gas outlet Ø 12 or 16 – gas inlet Ø 6 or 8
Product S/N	24 970 / 07	Low pressure

VAPOJET

LPG SOLUTION FOR BIG ENGINES



VAPOJET
Base

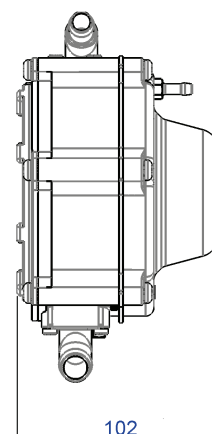
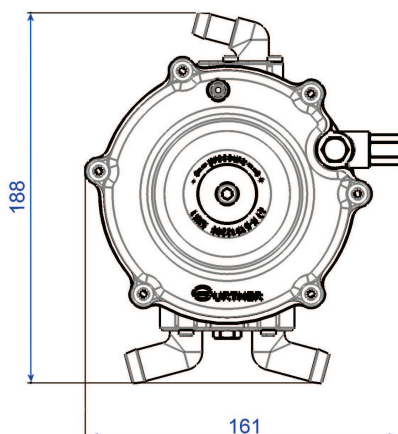


VAPOJET
Luxe

TECHNICAL ADVANTAGES

- ⇒ Vapojet reducers cover a wide range of power
- ⇒ Product design for powerful engine
- ⇒ Easy installation with a patented system
- ⇒ Water and gas outlet adjustable in rotation without particular tools
- ⇒ No increase of pressure for the reducer in deceleration or stop phase
- ⇒ Very good stability of output pressure (no gap in acceleration or deceleration phase to procure pleasant riding)
- ⇒ Black cataphoresis to improve efficiency vaporization at low temperature down to - 20°C for the Vapojet Luxe
- ⇒ Optimized for dual-fuel

DIMENSIONS



POSSIBILITY TO ENGRAVE ON THE BODY OR THE COVER



VAPOJET

Base

The comfort of wide-range adaptation

From 100 to 245 hp (80 to 180 kW) - tested on cars by -10°C

ENGINE SPECIFICATIONS :

Adjustable outlet pressure from 1 to 1,5 bar

MECHANICAL SPECIFICATIONS :

- ⇒ Safety device against overpressure : relief valve 5 bar
- ⇒ Gas inlet interface : Ø 6 mm or 8 mm
- ⇒ Engine coolant fitting : rotative elbow nipple Ø 16 mm
- ⇒ Gas outlet fitting : rotative elbow nipple Ø 12 mm or Ø 16 mm
- ⇒ Inlet gas connection - Female : M10x1
(Possible 360° degree rotation for inlet and outlet water, and outlet gas)
- ⇒ Temperature sensor fitting : Tapping M5
- Option : Solenoid valve with filter

REFERENCES :

Product S/N	23 388 / 05	Gas outlet Ø 12 ou 16 – gas inlet Ø 6 ou 8
-------------	-------------	--



VAPOJET

Luxe

The best solution for powerful engines

From 190 to 430 hp (140 to 320 kW) - tested on cars by -20°C

ENGINE SPECIFICATIONS :

Adjustable outlet pressure from 1 to 1,5 bar

MECHANICAL SPECIFICATIONS :

- ⇒ Safety device against overpressure : relief valve 5 bar
- ⇒ Gas inlet interface : Ø 6 mm or Ø 8 mm
- ⇒ Engine coolant fitting : rotative elbow nipple Ø 16 mm
- ⇒ Gas outlet fitting : rotative elbow nipple Ø 12 mm or Ø 16 mm
- ⇒ Inlet gas connection - Female : M12x1
(Possible 360° degree rotation for inlet and outlet water, and outlet gas)
- ⇒ Temperature sensor fitting : Tapping M5
- Option : Solenoid valve with filter

REFERENCES :

Product S/N	23 388 / 06	Gas outlet Ø 12 ou 16 – gas inlet Ø 6 ou 8
-------------	-------------	--

Gurtner proposes you too :

REPAIR KITS

REPAIR KIT FOR MIDJET : REF : 24 601

Contains all wear parts including : equipped membrane Midjet, 2 fittings (Ø 12 mm and 16 mm), valve, joints (inner cover and O-ring), plat joint, filter, inner cover...

REPAIR KIT FOR VAPOJET : REF : 24 600

Contains all wear parts including: equipped membrane Vapojet, marble valve, screws, O-ring, 2 fittings (Ø 12 mm and 16 mm), flash, pin ...

TEMPS SENSOR FOUNDRY

Packs of 5

Temperature sensor for body of reducer - M5 4,75 ohms REF : 24 604/01

Temperature sensor for body of reducer - M5 2,2 ohms REF : 24 605/01

This list is not exhaustive

We can propose you other products, according to your needs and your expectations

ADDITIONNAL SERVICES - OUR «+» SERVICES

Gurtner isn't only a supplier - Gurtner is

THE PARTNER, SPECIALIST OF SPECIFIC NEEDS FOR GAS VEHICLES

- ⇒ CUSTOMIZATION : engraving, specific stickers, specific settings...
- ⇒ CREATION OF SPECIFIC REPAIR KITS
- ⇒ DEVELOPMENT OF PRODUCTS DEDICATED, in relation with customers and their needs
- ⇒ ...

MAINTENANCE

It is recommended to realize a complete maintenance of the product after every year or every 40 000 km (if more than 40 000 km performed per year) according to the quality of fuel used (for poor quality fuel, reduce the time between two servicing), if the vehicle hasn't been used since 8 month, if the gas is polluted by impurities or oil causing a malfunction of the reducer.

For this reason we propose repair kits for Midjet and Vapojet
(*references 24 600 and 24 601 opposite*)

PACKAGING

Our reducers are individually packed in boxes
Dimensions : 22 x 18 x 10,5 cm

Each box contains :

- 1 Reducer
- 1 Mounting kit
- 1 Notice

Sending by celta-box = 198 reducers
Dimensions : 1200 x 800 x 1200 cm



WARRANTY CONDITIONS

The customer must have followed the operating, maintenance, servicing and assembling instructions provided by Gurtner SA.

Products are guaranteed 2 years from the date of manufacture indicated on each product.

Products have to be used by customers following the system "first in – first out".

The reducer won't be modified for accept warranty. This guarantee doesn't apply to rubber parts.

DELIVERY

Sending of your order as soon as your cash transfer.

Incoterm conditions : in agreement with the customer





GURTNER®

40 rue de la libération - BP 129
25302 Pontarlier Cedex
FRANCE

CONTACTS

ACTIVITY MANAGER

Mr Thierry VIANCIN

tviancin@gurtner.fr - skype : tviancin-gurtner

MARKETING CONTACT

Mrs Julie ROSSIGNON

jrossignon@gurtner.fr - skype : jrossignon-gurtner

TECHNICAL CONTACT

Mr Pierre-Yves FRELET – pyfrelet@gurtner.fr

Tel: +33 (0)3 81 46 70 22

Fax: +33 (0)3 81 39 29 50

www.gurtner.fr

This catalog was given by :

GURTNER®



GURTNER SA

40, rue de la libération 129
25302 Pontarlier Cedex – France
Tél. +33 (0) 381 467 022
Fax. +33 (0) 381 392 950

SA au capital de 3 090 000 € - RCS
Besançon 542 103 635 – APE 2932Z

www.gurtner.fr