

# GAS CATALOGUE - 2015 EXPORT



NATURAL GAS



NEW

**IZINOX**

PLT IZINOX®



PROPANE



BUTANE



LPG  
ACCESSORIES

# GURTNER®

\* Gas, our nature



MADE IN FRANCE



YOUR INSTALLATION  
SO EASY  
AS 3 MOVEMENTS

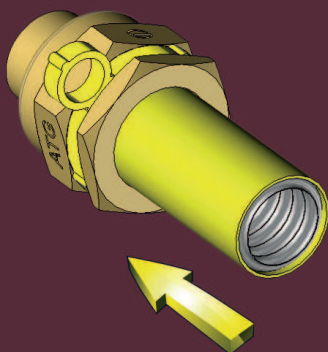
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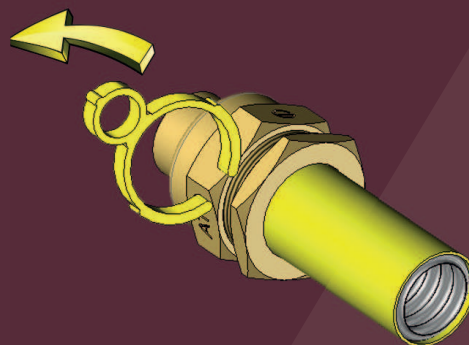
**IZINOX**<sup>®</sup>  
LE kit PLT

KITS OF UNDULATING FOLDABLE  
PIPES IN STAINLESS STEEL

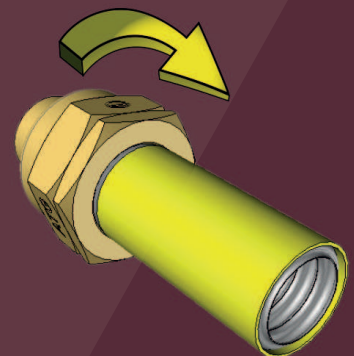
CLIP...



PULL OUT THE PIN...

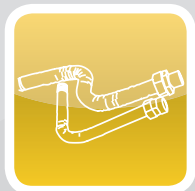


TIGHTEN...





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# History

1907	Jules Gurtner created a neckline workshop in Pontarlier. He expands his business to the emerging automotive and motorcycle industry
1957	Gurtner SA becomes a subsidiary of Gevelot Group. The company has, since this date, important means of research, methods and manufacture.
1960	Range of products improves to equipment for LPG distribution.
1992	Creation of carburettors with new technology for scooters.
1997	Creation of a dosing pump for 2-stroke engine.
2005	Acquisition of Cléré company (valves and fittings for domestic natural gas).
2005	Start up of a dosing pump for additive particulates filter.
2007	Entry into the automotive LPG market with the first reducer "Vapojet".
2010	Start up with the second LPG reducer "Midjet".
2013	Widening of valves ranges for domestic natural gas.
2015	Spin off from GEVELOT Group.

## The company

Our politic, based on the customer's satisfaction and continuous improvement presents itself as identified processes implementation. In particular, listening of our customers, and innovation in products and services are at the top of the development of our activities. Finally, all our activities spread out in environment respectful setting.

Our company is composed by

- A research and development team, they constantly work with the goal of improving our products reliability and developing innovations to meet your needs.
- A sales and marketing team, work by your side, it is this team which answer to your answers, either for technical help, either to take your orders.
- A production service, composed of several lines of production, this is where your products are engineering and built before being sending to you.
- A quality and metrology service, which inspects every single material used during the different steps of production to ensure a maximum quality of your products.
- A purchasing department, which is in connection with the quality and design office to optimiser purchases of raw materials and components.
- A store shipping and receiving department, to receive materials but also to prepare and send your package.

CERTIFICATIONS :





# Point of sale Display and Signage

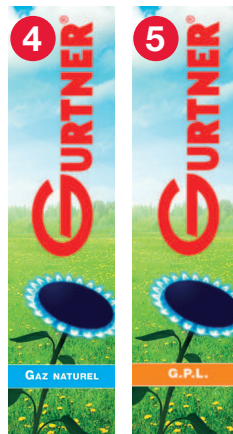
> Packaging SKIN PACK for self-service store layout

Most of our products are available with skin pack - Ad a "K" mention after your references choice.



The essential tool for your pipes dimensionning

> Advertising documents availables



Document	References
1 Pipes Ø Abacus	20157M3
2 "Essential Information" Leaflet	19183
3 Magnetic layout covering pediment Dimension 1300 x 170 mm or 1000 x 170 mm	24498.13
4 Vertical poster with Natural gas scheme overleaf Dimension 250x1000 mm	22246
5 Vertical poster with LPG scheme overleaf Dimension 250x1000 mm	22247
6 Magnetised mounting bracket for vertical poster	24495
7 Support bracket tube for vertical poster	24496
8 Metal clips for vertical poster	24497
9 Labels for store layout	on request
Complete gas binder	20154

## > Gas fittings appointment

DN	Gas thread	Copper pipe (Ø ext)	Steel pipe (Ø ext)	PE pipe	
12	15-21	G 1/2"	Ø 12	Ø 17,2	-
12	15-21	G 1/2"	Ø 14	Ø 17,2	-
12	15-21	G 1/2"	Ø 16	Ø 17,2	-
12	15-21	G 1/2"	Ø 18	Ø 17,2	-
15	20-27	G 3/4"	Ø 16	Ø 21,3	Ø 20
15	20-27	G 3/4"	Ø 18	Ø 21,3	Ø 20
15	20-27	G 3/4"	Ø 20	Ø 21,3	Ø 20
15	20-27	G 3/4"	Ø 22	Ø 21,3	Ø 20
20	26-34	G 1"	Ø 22	Ø 26,9	-
20	26-34	G 1"	Ø 28	Ø 26,9	-
25	33-42	G 1"1/4	Ø 28	Ø 33,7	Ø 32
25	33-42	G 1"1/4	Ø 32	Ø 33,7	Ø 32
32	40-49	G 1"1/2	Ø 35	Ø 42,4	Ø 40
40	50-60	G 2"	Ø 42	Ø 48,3	-
50	60-70	G 2"1/4	Ø 54	Ø 60,3	Ø 63

## > Clamping couple of JSC fittings

DN	Gas thread	Clamping couple (Nm)
10	G 1/2"	25
15	G 3/4"	40
20	G 1"	50
25	G 1"1/4	60
32	G 1"1/2	80
40	G 2"	100
50	G 2"1/4	140

## > Gas metterboxes

Metterbox	Capacity	DN	Previous appointment
G 4	6 m <sup>3</sup>	20	6/20
G 6	10 m <sup>3</sup>	32	10/32
G 10	16 m <sup>3</sup>	32	16/32
G 16	25 m <sup>3</sup>	50	25/50
G 25	40 m <sup>3</sup>	50	40/50

## > Gas density

Gas	Propane	Butane	LACQ gas	Groningue gas
1 Nm <sup>3</sup>	1,87 kg	2,44 kg	0,74 kg	0,83 kg

## > Hourly capacity equivalents

Gas	Kilocalories (kcal)	Kilowatts/h (kW/h)	Thermie (Th)
1 kg de butane	11815	13,7	11,8
1 kg de propane	11915	13,8	11,9
1 m <sup>3</sup> de gaz naturel de LACQ	9600	11,2	9,6
1 m <sup>3</sup> de gaz naturel de Groningue	8400	9,8	8,4

## > Propane gas metering billing

37 mbar	1 m <sup>3</sup>	2,08 kg*
1,5 bar	1 m <sup>3</sup>	4,97 kg*

\*These datas are given as examples and for an outside temperature of 5°C.

# Glossary

French term	Stands for	English
Ac	Acier	Steel
Cu	Cuivre	Copper
DN	Diamètre Nominal	Nominal Diameter
GDF	Gaz De France	-
JPC	Joint Plat Compteur	Meter Flat Gasket
JPG	Joint Plat Gaz	Gas Flat Gasket
JSC	Joint Sphéro-Conique	Rounded Conical Junction

You have a question...

You need a technical enquiry, a quote ?

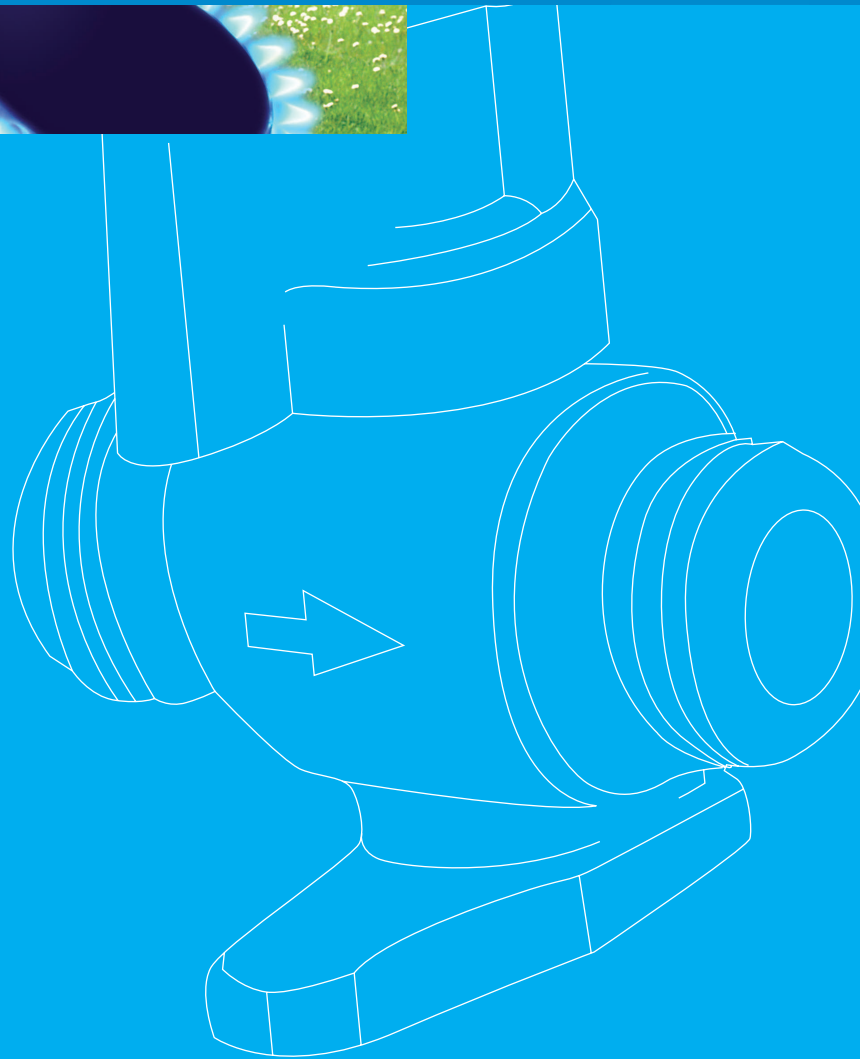


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# GURTNER® > Natural Gas

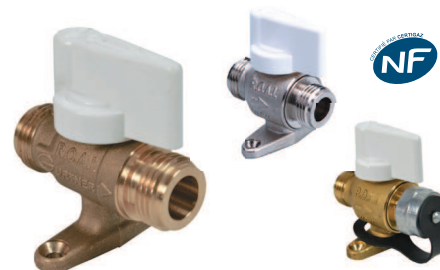


# Domestic Environment

## Safety Valve with Automatic Shut off Device (-5°C to +60°C)

> For domestic cooking only

Max pressure	Flow	Fittings	Finishing	Standard	References
21 to 37 mbar	1.6 m³/h	male G1/2"	brass	NF E 29-140	<b>23999</b>
21 to 37 mbar	1.6 m³/h	male G1/2"	brass + zamak plug	NF E 29-140 / NF D 36-111	<b>24293</b>
21 to 37 mbar	1.6 m³/h	male G1/2"	chromed	NF E 29-140	<b>23998</b>



## Gas flat gasket fittings

> 2 pieces gas flat gasket fitting to solder on copper

Max pressure	DN	Fittings	Copper pipe	Standard	References
500 mbar	12	G1/2" nut	Ø 12	-	<b>18217</b>
500 mbar	12	G1/2" nut	Ø 14	-	<b>18218</b>
500 mbar	12	G1/2" nut	Ø 16	-	<b>18219</b>
500 mbar	12	G1/2" nut	Ø 18	-	<b>24026</b>



> 2 pieces gas flat gasket fitting to weld on steel

Max pressure	DN	Fittings	Steel pipe	References
500 mbar	12	G1/2" nut	Ø 21,3	<b>24089</b>



> 180° curved gas flat gasket fitting to solder on copper

Max pressure	DN	Fittings	Copper pipe	Standard	References
500 mbar	12	G1/2" nut	Ø 14	-	<b>24225</b>
500 mbar	12	G1/2" nut	Ø 16	-	<b>24226</b>



> 90° curved gas flat gasket fitting

Max pressure	DN	Fittings	Outlet	Finishing	References
500 mbar	12	G1/2" nut	copper Ø 14	brass	<b>24238</b>
500 mbar	12	G1/2" nut	male G1/2"	brass	<b>24217</b>
500 mbar	12	G1/2" nut	male G1/2"	chromed	<b>24189</b>



> Female straight fitting G 1/2" and conical male R 1/2" - brushed finishing + gasket

Max pressure	DN	Fittings	outlet	Standard	References
500 mbar	12	G1/2" nut	male R1/2"	-	<b>23989</b>



> Female / male fitting + gasket

Max pressure	DN	Fittings	Outlet	Standard	References
500 mbar	12	G1/2" nut	male 20x150	-	<b>20709</b>
500 mbar	12	20x150 nut	male G1/2"	-	<b>18240</b>







# Domestic Environment

## > Male / Male fitting

Max pressure	DN	Fittings	Outlet	Standard	References
500 mbar	12	male G1/2"	male G1/2"	-	<b>23990</b>
500 mbar	12	male 20x150	male G1/2"	-	<b>23991</b>



## > G 1/2" Nozzle + gasket

Max pressure	DN	Fittings	Diameter	Standard	References
500 mbar	12	female G1/2"	Ø 10	NF D 36-109	<b>18232</b>



Natural Gas

## Flexible Hoses - for domestic installation only

### > Two-Inox : safety valve kit + Non disconnectable Inox flexible hose

Flow	Length	Inlet	Outlet	Standard	References
1.6 m³/h	1,00 m	male G1/2"	G1/2" nut + plug	CCH 2004-01	<b>23900.01</b>
1.6 m³/h	1,50 m	male G1/2"	G1/2" nut + plug	CCH 2004-01	<b>23900.03</b>
1.6 m³/h	2,00 m	male G1/2"	G1/2" nut + plug	CCH 2004-01	<b>23900.02</b>



### > Natural Gas Inox Flexible Hose

Expiry date	Length	Inlet	Outlet	Standard	Packaging	References
None	0,50 m	G1/2" nut	G1/2" nut	NF D 36-121 / NF EN 14800	blister	18511
None	0,50 m	G1/2" nut	G1/2" nut	NF D 36-121 / NF EN 14800	bag	18511.S
None	0,75 m	G1/2" nut	G1/2" nut	NF D 36-121 / NF EN 14800	blister	18512
None	0,75 m	G1/2" nut	G1/2" nut	NF D 36-121 / NF EN 14800	bag	18512.S
None	1,00 m	G1/2" nut	G1/2" nut	NF D 36-121 / NF EN 14800	blister	18513
None	1,00 m	G1/2" nut	G1/2" nut	NF D 36-121 / NF EN 14800	bag	18513.S
None	1,25 m	G1/2" nut	G1/2" nut	NF D 36-121 / NF EN 14800	blister	18514
None	1,25 m	G1/2" nut	G1/2" nut	NF D 36-121 / NF EN 14800	bag	18514.S
None	1,50 m	G1/2" nut	G1/2" nut	NF D 36-121 / NF EN 14800	blister	18515
None	1,50 m	G1/2" nut	G1/2" nut	NF D 36-121 / NF EN 14800	bag	18515.S
None	2,00 m	G1/2" nut	G1/2" nut	NF D 36-121 / NF EN 14800	blister	18516
None	2,00 m	G1/2" nut	G1/2" nut	NF D 36-121 / NF EN 14800	bag	18516.S



You have a question...

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# Domestic Environment

## Pipes and Accessories - for domestic installation only

> 5 years white tube for Natural Gas

Expiry Date	Length	Inlet	outlet	Standard	References
5 years	1,00 m	with hose clamp for nozzle Ø15		NF D 36-102	20803
5 years	1,50 m	with hose clamp for nozzle Ø15		NF D 36-102	20805
5 years	2,00 m	with hose clamp for nozzle Ø15		NF D 36-102	20806
5 years	2,00 m	Bunsen burner Ø 6/12		NF D 36-126	20736



> Hose clamp for white tube

Use	Standard	References
For tube Ø 6 / 12	NF D 36-110	23078
For tube Ø 15 / 22	NF D 36-102	23079



> Flexible gasket for Natural Gas

Max pressure	DN	Fittings	Packaging	Standard	References
500 mbar	12	1/2"	2 by 2	NF	18518



# Profesional Use

## Flexible Hoses - for professional installation only

> Inox Flexible Hose - High Pressure for Natural Gas - max 2 bar

Expiry Date	Length	Inlet	Outlet	Standard	References
None	0,50 m	G1/2" nut	G1/2" nut	NF D 36-123	20761
None	0,75 m	G1/2" nut	G1/2" nut	NF D 36-123	20762
None	1,00 m	G1/2" nut	G1/2" nut	NF D 36-123	20763
None	1,25 m	G1/2" nut	G1/2" nut	NF D 36-123	20764
None	1,50 m	G1/2" nut	G1/2" nut	NF D 36-123	20765
None	2,00 m	G1/2" nut	G1/2" nut	NF D 36-123	20766
None	1,00 m	male G3/4"	male G3/4"	NF D 36-123	20773
None	1,50 m	male G3/4"	male G3/4"	NF D 36-123	20775
None	1,00 m	male G1"	male G1"	NF D 36-123	20783
None	1,50 m	male G1"	male G1"	NF D 36-123	20785



Max pressure	Fittings	References
2b	Double female fitting G3/4"	34020





# Warming - Industry - Tertiary

## Inside installation Valves (-20°C to +60°C)

> Gas flat gasket Valve MOP 0,5  
without fixing attachment

Max pressure	Flow under 21mb	DN	Fittings	Finishing	Standard	References
500 mbar	5 m³/h	15	male G3/4"	brass	NF E 29-135 / NF EN 331	<b>24390</b>
500 mbar	8 m³/h	20	male G1"	brass	NF E 29-135 / NF EN 331	<b>24391</b>
500 mbar	16 m³/h	25	male G1 1/4"	brass	NF E 29-135 / NF EN 331	<b>24392</b>



Natural Gas

> Gas flat gasket Valve MOP 0,5  
with fixing attachment

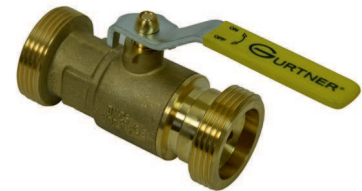
Max pressure	Flow under 21mb	DN	Fittings	Finishing	Standard	References
500 mbar	2 m³/h	12	male G1/2"	brass	NF E 29-135 / NF EN 331	<b>18230</b>
500 mbar	5 m³/h	15	male G3/4"	brass	NF E 29-135 / NF EN 331	<b>18245</b>
500 mbar	8 m³/h	20	male G1"	brass	NF E 29-135 / NF EN 331	<b>18305</b>
500 mbar	16 m³/h	25	male G1 1/4"	brass	NF E 29-135 / NF EN 331	<b>18315</b>



## Shut-off Valve with operating handle (-20°C to +60°C)

> Male/Male shut-off ball valve with crank Gas Flat Gasket MOP 0,5  
Unlockable

Max pressure	Flow under 21mb	300mb	DN	Fittings	Standard	References
500 mbar	6m³/h	10m³/h	15	male G 3/4"	NF E 29-135 / NF EN 331	<b>24000</b>
500 mbar	8m³/h	13m³/h	20	male G 1"	NF E 29-135 / NF EN 331	<b>24001</b>
500 mbar	10m³/h	26m³/h	25	male G 1 1/4"	NF E 29-135 / NF EN 331	<b>24002</b>



> Male/Male shut-off ball valve with crank Gas Flat Gasket MOP 0,5  
Lockable

Max pressure	Flow under 21mb	300mb	DN	Fittings	Standard	References
500 mbar	6m³/h	10m³/h	15	male G 3/4"	NF E 29-135 / NF EN 331	<b>24000.C</b>
500 mbar	8m³/h	13m³/h	20	male G 1"	NF E 29-135 / NF EN 331	<b>24001.C</b>
500 mbar	10m³/h	26m³/h	25	male G 1 1/4"	NF E 29-135 / NF EN 331	<b>24002.C</b>
500 mbar	15m³/h	30m³/h	32	male G 1 1/2"	NF E 29-135 / NF EN 331	<b>24003.C</b>
500 mbar	25m³/h	45m³/h	40	male G 2"	NF E 29-135 / NF EN 331	<b>23994.C</b>
500 mbar	29m³/h	55m³/h	50	male G 2 1/4"	NF E 29-135 / NF EN 331	<b>23995.C</b>



> Female/Female shut-off ball valve with crank MOP 5

Max pressure	Flow under 21mb	300mb	DN	Fittings	Standard	References
5 bar	6m³/h	10m³/h	15	female 1/2"	NF E 29-141 / NF EN 331	<b>21175</b>
5 bar	8m³/h	13m³/h	20	female 3/4"	NF E 29-141 / NF EN 331	<b>21196</b>
5 bar	10m³/h	26m³/h	25	female 1"	NF E 29-141 / NF EN 331	<b>21197</b>
5 bar	15m³/h	30m³/h	32	female 1 1/4"	NF E 29-141 / NF EN 331	<b>21198</b>
5 bar	25m³/h	45m³/h	40	female 1 1/2"	NF E 29-141 / NF EN 331	<b>21199</b>
5 bar	29m³/h	55m³/h	50	female 2"	NF E 29-141 / NF EN 331	<b>21200</b>



Steel Fittings Only

# Regulators

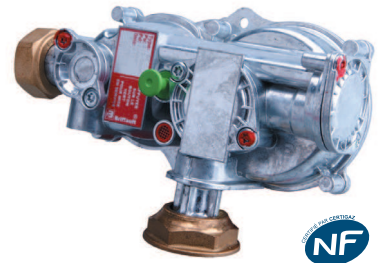
**Important : the outlet of the vent should be connected to the outside for an indoor installation (for example in a boiler room).**

## > Regulator B 6 N

Flow	Pressure		Inlet	Outlet	Standard	References
	Upstream	Downstream				
6 m <sup>3</sup> /h	0,5 to 5 bar	21 mbar	G3/4" nut	6/20 nut	NF E 29-190-2	<b>18378.21</b>
6 m <sup>3</sup> /h	0,5 to 5 bar	27 mbar	G3/4" nut	6/20 nut	NF E 29-190-2	<b>18378.27</b>

**Inlet :** G3/4" nut rounded conical connection DN 15

**Outlet :** 6/20 nut meterbox flat gasket DN 20

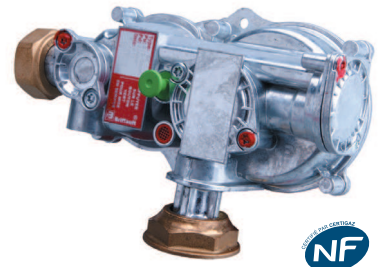


## > Regulator B 10 N

Flow	Pressure		Inlet	Outlet	Standard	References
	Upstream	Downstream				
10 m <sup>3</sup> /h	0,5 to 5 bar	21 mbar	G3/4" nut	10/32 nut	NF E 29-190-2	<b>18379.21</b>
10 m <sup>3</sup> /h	0,5 to 5 bar	27 mbar	G3/4" nut	10/32 nut	NF E 29-190-2	<b>18379.27</b>

**Inlet :** G3/4" nut rounded conical connection DN 15

**Outlet :** 10/32 nut meterbox flat gasket DN 32

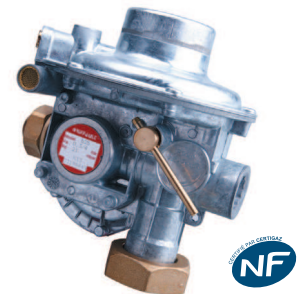


## > Regulator B 25 NT

Flow	Pressure		Inlet	Outlet	Standard	References
	Upstream	Downstream				
25 m <sup>3</sup> /h	0,3 to 4 bar	21 mbar	G3/4" nut	10/32 nut	NF E 29-190-2	<b>19170.21</b>
25 m <sup>3</sup> /h	0,3 to 4 bar	27 mbar	G3/4" nut	10/32 nut	NF E 29-190-2	<b>19170.27</b>

**Inlet :** G3/4" nut rounded conical connection DN 15

**Outlet :** 10/32 nut meterbox flat gasket DN 32



## > Regulator BCH 30 N

Flow	Pressure		Inlet	Outlet	Standard	References
	Upstream	Downstream				
30 m <sup>3</sup> /h	0,8 to 4 bar	148 mbar	G3/4" nut	G1"1/4 nut	-	<b>19209</b>
30 m <sup>3</sup> /h	0,8 to 4 bar	300 mbar	G3/4" nut	G1"1/4 nut	NF E 29-190-2	<b>19180</b>

**Inlet :** G3/4" nut rounded conical connection DN 15

**Outlet :** G1"1/4 nut gas flat gasket DN 25







# Regulators

**Important : the outlet of the vent should be connected to the outside for an indoor installation (for example in a boiler room).**

## > Regulator C40

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
40 m <sup>3</sup> /h	0,3 to 5 bar	21 mbar	G1"1/4 nut	male JPG 2"1/4	<b>24284.21</b>
40 m <sup>3</sup> /h	0,3 to 5 bar	27 mbar	G1"1/4 nut	male JPG 2"1/4	<b>24284.27</b>

**Inlet :** G1"1/4 nut DN 25 rounded conical connection

**Outlet :** male JPG 2"1/4 DN 50

## > Regulator B50

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
50 m <sup>3</sup> /h	0,3 to 5 bar	21 mbar	G1"1/4 nut	male JPG 2"1/4	<b>24285.21</b>
50 m <sup>3</sup> /h	0,3 to 5 bar	27 mbar	G1"1/4 nut	male JPG 2"1/4	<b>24285.27</b>

**Inlet :** G1"1/4 nut DN 25 rounded conical connection

**Outlet :** male JPG 2"1/4 DN 50

## > Regulator CCH50

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
50 m <sup>3</sup> /h	0,8 to 5 bar	300 mbar	G1"1/4 nut	male JPG 2"1/4	<b>24291</b>

**Inlet :** G1"1/4 nut DN 25 rounded conical connection

**Outlet :** male JPG 2"1/4 DN 50

## > Regulator BCH60

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
60 m <sup>3</sup> /h	0,5 to 5 bar	300 mbar	G1"1/4 nut	male JPG 2"1/4	<b>24290</b>

**Inlet :** G1"1/4 nut DN 25 rounded conical connection

**Outlet :** male JPG 2"1/4 DN 50

## > Regulator C65

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
65 m <sup>3</sup> /h	0,7 to 5 bar	21 mbar	G1"1/4 nut	male JPG 2"1/4	<b>24286.21</b>
65 m <sup>3</sup> /h	0,7 to 5 bar	27 mbar	G1"1/4 nut	male JPG 2"1/4	<b>24286.27</b>

**Inlet :** G1"1/4 nut DN 25 rounded conical connection

**Outlet :** male JPG 2"1/4 DN 50

## > Regulator C CH80

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
80 m <sup>3</sup> /h	0,8 to 5 bar	300 mbar	G1"1/4 nut	male JPG 2"1/4	<b>24292</b>

**Inlet :** G1"1/4 nut DN 25 rounded conical connection

**Outlet :** male JPG 2"1/4 DN 50



# Regulators

## Fittings for Regulators

### > Inlet fittings for regulator

Max pressure	DN	Inlet	Fittings	Regulator	References
5 bar	15	Cu ø12	male JSC 3/4"	B6-B10-B25-BCH30	<b>24175</b>
5 bar	15	Cu ø16	male JSC 3/4"	B6-B10-B25-BCH30	<b>24176</b>
5 bar	15	Cu ø18	male JSC 3/4"	B6-B10-B25-BCH30	<b>18174.18</b>
5 bar	15	Ac ø21,3	male JSC 3/4"	B6-B10-B25-BCH30	<b>19966</b>
5 bar	25	Cu ø28	male JSC 1"1/4	C40-B50-C65-BCH60-CCH50-CCH80	<b>24178</b>
5 bar	25	Ac ø33,7	male JSC 1"1/4	C40-B50-C65-BCH60-CCH50-CCH80	<b>24168</b>



### > Outlet fittings for regulators + gasket

Max pressure	Fittings	Outlet	Particularity	Regulator	References
500 mbar	male JPC 20	Cu ø22	Straight	B6	<b>19143</b>
500 mbar	male JPC 20	Cu ø28	Straight	B6	<b>24187</b>
500 mbar	male JPC 20	Cu ø22	Right angled 90°	B6	<b>24195</b>
500 mbar	male JPC 20	Cu ø28	Right angled 90°	B6	<b>24196</b>
500 mbar	male JPC 20	Ac ø26,9	Straight	B6	<b>19976</b>
500 mbar	male JPC 20	Ac ø33,7	Straight	B6	<b>19977</b>
500 mbar	male JPC 32	Cu ø28	Straight	B10 - B25	<b>19151</b>
500 mbar	male JPC 32	Cu ø35	Straight	B10 - B25	<b>24188</b>
500 mbar	male JPC 32	Cu ø28	Right angled 90°	B10 - B25	<b>24197</b>
500 mbar	male JPC 32	Cu ø35	Right angled 90°	B10 - B25	<b>24198</b>
500 mbar	male JPC 32	Ac ø33,7	Straight	B10 - B25	<b>19978</b>
500 mbar	male JPC 32	Ac ø42,4	Straight	B10 - B25	<b>19979</b>
500 mbar	male JPG 25	Cu ø28	Straight	BCH30	<b>19152</b>
500 mbar	male JPG 25	Cu ø28	Right angled 90°	BCH30	<b>24199</b>
500 mbar	male JPG 25	Ac ø33,7	Straight	BCH30	<b>19980</b>
500 mbar	G 2"1/4 nut	Cu ø54	Straight	C40-B50-C65-BCH60-CCH50-CCH80	<b>24087</b>
500 mbar	G 2"1/4 nut	Ac ø60,3	Straight	C40-B50-C65-BCH60-CCH50-CCH80	<b>24084</b>



You have a question...

You need a technical enquiry, a quote ?



**DIRECT PHONE LINE**

**+33 381 467 022**

or [techniciengaz@gurtner.fr](mailto:techniciengaz@gurtner.fr)



# Connections

## Shut-off valve for medium pressure (-20°C to +60°C)

### Rounded conical connection valve E type

Max pressure	DN	Fittings	Particularity	Fixation	Standard	References GrDF	References Gurtner
5 bar	15	male G3/4"	cranked	on base	NF E 29-141 / NF EN 331	84 03 011	<b>24736</b>
5 bar	25	male G1"1/4	cranked	on base	NF E 29-141 / NF EN 331	84 03 013	<b>24738</b>
5 bar	32	male G1"1/2	cranked	on base	NF E 29-141 / NF EN 331	84 03 015	<b>24739</b>
5 bar	15	male G3/4"	squared	on base	NF E 29-141 / NF EN 331	84 03 010	<b>24740</b>
5 bar	15	male G3/4"	cranked	No base	NF E 29-141 / NF EN 331	84 03 021	<b>24706</b>
5 bar	25	male G1"1/4	cranked	No base	NF E 29-141 / NF EN 331	84 03 023	<b>24708</b>
5 bar	32	male G1"1/2	cranked	No base	NF E 29-141 / NF EN 331	84 03 026	<b>24709</b>



Natural Gas

### > Rounded conical connection valve E type with test sample

Max pressure	DN	Fittings	Particularity	Fixation	Standard	References GrDF	References Gurtner
5 bar	15	male G3/4"	cranked	On base	NF E 29-141 / NF EN 331	84 03 125	<b>24728</b>
5 bar	25	male G1"1/4	cranked	On base	NF E 29-141 / NF EN 331	84 03 126	<b>24730</b>
5 bar	15	male G3/4"	squared	On base	NF E 29-141 / NF EN 331	-	<b>24732</b>
5 bar	15	male G3/4"	cranked	No base	NF E 29-141 / NF EN 331	-	<b>24714</b>
5 bar	25	male G1"1/4	cranked	No base	NF E 29-141 / NF EN 331	-	<b>24716</b>



### > Rounded conical connection valve E1 type - PE inlet with test sample

Max pressure	DN	Fittings	Particularity	Fixation	Standard	References
5 bar	15	PE 20x3 male G3/4"	cranked	On base	NF E 29-141 / NF EN 331	<b>24744</b>
5 bar	25	PE 32x3 male G1"1/4	cranked	On base	NF E 29-141 / NF EN 331	<b>24745</b>
5 bar	32	PE 40x4,7 male G1"1/2	cranked	On base	NF E 29-141 / NF EN 331	<b>24746</b>
5 bar	15	PE 20x3 male G3/4"	squared	On base	NF E 29-141 / NF EN 331	<b>24747</b>
5 bar	15	PE 20x3 male G3/4"	cranked	No base	NF E 29-141 / NF EN 331	<b>24722</b>
5 bar	25	PE 32x3 male G1"1/4	cranked	No base	NF E 29-141 / NF EN 331	<b>24723</b>
5 bar	15	PE 32x3 male G3/4"	cranked	On base	NF E 29-141 / NF EN 331	<b>24832</b>
5 bar	15	PE 20x3 male G3/4"	cranked No test sample	On base	NF E 29-141 / NF EN 331	<b>24830.+</b>



### > Rounded conical safety valve quarter turn of security EA & E1A types on base

Max pressure	DN	Fittings	Particularity	Standard	References
5 bar	15	male G3/4" male G3/4"	No test sample	NF E 29-141 / NF EN 331	<b>24750</b>
5 bar	25	male G1"1/4 male G1"1/4	No test sample	NF E 29-141 / NF EN 331	<b>24751</b>
5 bar	15	male G3/4" male G3/4"	No test sample	NF E 29-141 / NF EN 331	<b>24753</b>
5 bar	25	male G1"1/4 male G1"1/4	No test sample	NF E 29-141 / NF EN 331	<b>24754</b>
5 bar	32	male G1"1/2 male G1"1/2	No test sample	NF E 29-141 / NF EN 331	<b>24755</b>
5 bar	15	PE 20x3 male G3/4"	No test sample	NF E 29-141 / NF EN 331	<b>24756</b>
5 bar	25	PE 32x3 male G1"1/4	No test sample	NF E 29-141 / NF EN 331	<b>24757</b>
5 bar	32	PE 40x4,7 male G1"1/2	No test sample	NF E 29-141 / NF EN 331	<b>24758</b>



### > Rounded conical connection valve F type

Max pressure	DN	Fittings	Standard	References GrDF	References Gurtner
5 bar	15	male G3/4"	NF E 29-142	84 03 001	<b>24759</b>
5 bar	25	male G1"1/4	NF E 29-142	84 03 002	<b>24760</b>



Reset wrench supplied.

# Natural Gas Accessories

## > Gas filter - cartridge

Product	Filtering capacity - Max pressure	Inlet	Outlet	References
Filter	80 microns - 20bar	male G 1/2"	male G 1/2"	<b>19007</b>
Filter	80 microns - 20bar	male G 3/4"	male G 3/4"	<b>19006</b>
Filter	5 microns - 10bar	female G 1"	female G 1"	<b>19011</b>
Filter	5 microns - 10bar	female G 1"1/4	female G 1"1/4	<b>19013</b>
Filter	5 microns - 10bar	female G 1"1/2	female G 1"1/2	<b>19014</b>



Product	Outlet	References
Replacement cartridge for filters	20x150 - G 1/2" - G 3/4"	<b>19108</b>



## > Isolating gasket with rounded conical connection male/female

Max pressure	DN	Inlet	Outlet	Length	References
5 bar	15	G 3/4" nut	male G 3/4"	100	<b>18171.15</b>
5 bar	25	nut G 1"1/4	male G 1"1/4	105	<b>18171.25</b>
5 bar	32	nut G 1"1/2	male G 1"1/2	110	<b>18171.32</b>



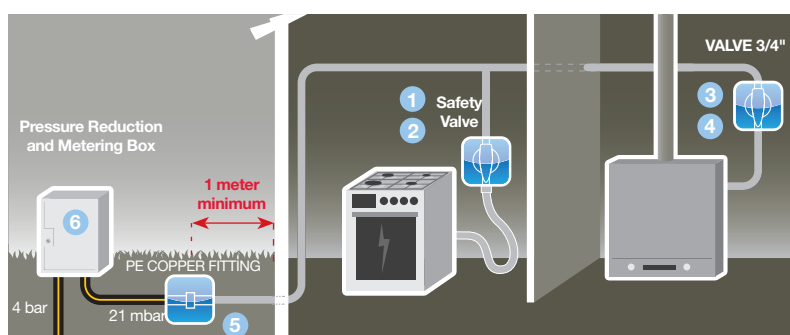
## Natural Gas Installation Technical Drawing (example)

### > Copper installation for Natural Gas in an individual habitation



Products	Ref.
1 Safety Valve with plug	<b>23999</b>
2 G1/2" copper fitting Ø16	<b>18219</b>
3 G3/4" Valve	<b>18245</b>
4 G3/4" copper fittings Ø16	<b>18234</b>

### > Polyethylene installation for Natural Gas in an individual habitation



Products	Ref.
1 Safety Valve with plug	<b>23999</b>
2 G1/2" copper fitting Ø16	<b>18219</b>
3 G3/4" Valve	<b>18245</b>
4 G3/4" copper fittings Ø22	<b>18234</b>
5 PE32 copper Fitting Ø22	<b>24365</b>





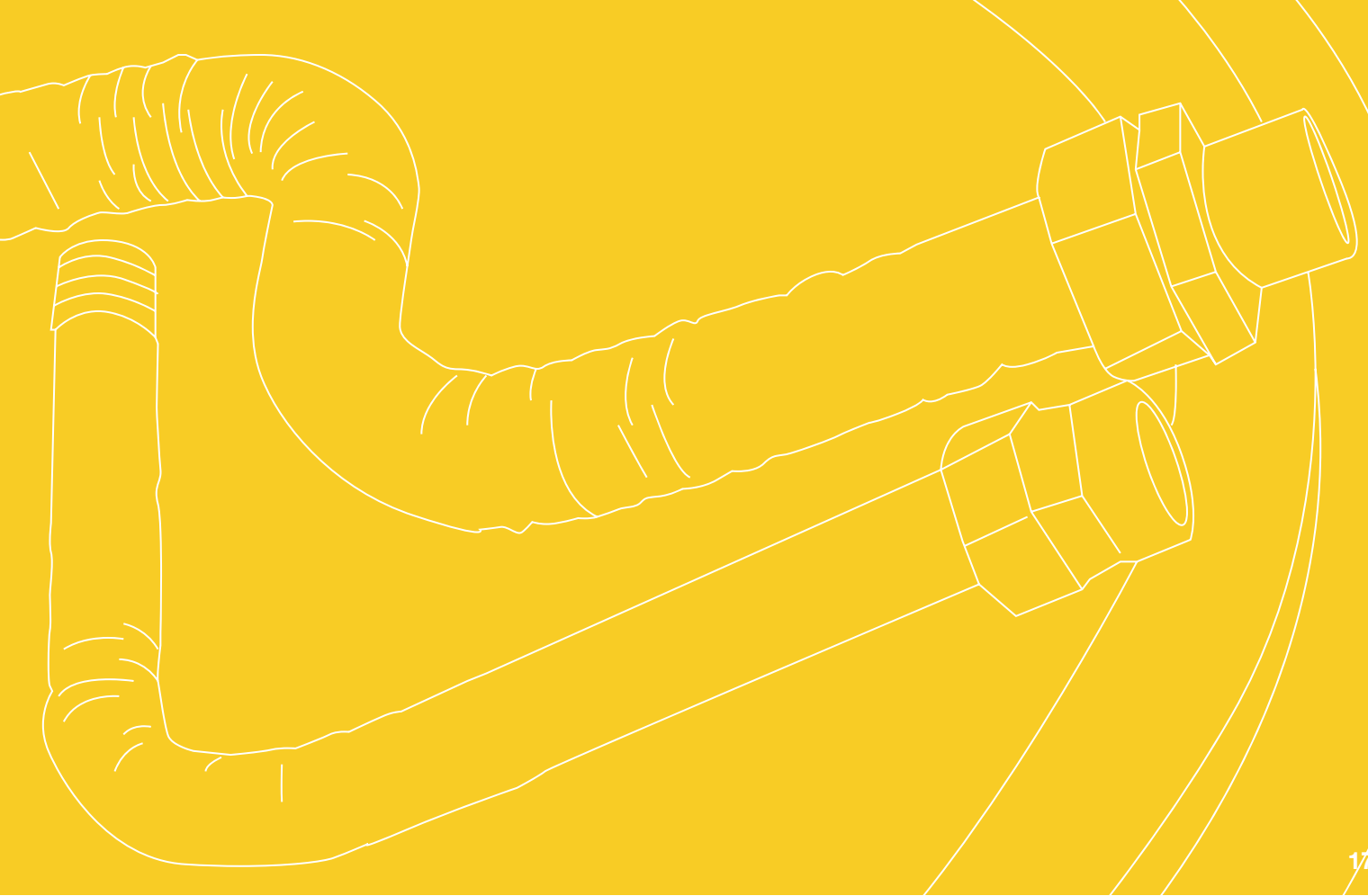
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GURTNER® > PLT

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# PLT IZINOX® Kits

## > PLT IZINOX® Folding Hose

Max pressure	Packaging	DN	Length	References
500 mbar	Box	15	15 m	50050.15
500 mbar	Box	15	30 m	50050.30
500 mbar	Reel	15	75 m	50050.75
500 mbar	Box	20	15 m	50051.15
500 mbar	Box	20	30 m	50051.30
500 mbar	Reel	20	75 m	50051.75
500 mbar	Box	25	15 m	50052.15
500 mbar	Box	25	30 m	50052.30
500 mbar	Reel	25	75 m	50052.75
500 mbar	Box	32	15 m	50053.15
500 mbar	Box	32	30 m	50053.30
500 mbar	Reel	32	45 m	50053.45



## > PLT IZINOX® Male Conical End Fittings (EN 10226-1)

Max pressure	DN	Fittings	Sell unit	References
500 mbar	15	male R 1/2"	1	50054
500 mbar	15	male R 3/4"	1	50033
500 mbar	20	male R 1/2"	1	50055
500 mbar	20	male R 3/4"	1	50056
500 mbar	20	male R 1"	1	50057
500 mbar	25	male R 1"	1	50058
500 mbar	25	male R 1" 1/4	1	50059
500 mbar	32	male R 1"1/4	1	50060
500 mbar	32	male R 1"1/2	1	50103



## > PLT IZINOX® Male Cylindrical End Fittings (ISO 228-1 et NF E 29-532)

Max pressure	DN	Fittings	Sell unit	References
500 mbar	15	male G 1/2" JPG	1	50038
500 mbar	15	male G 3/4" JPG	1	50039
500 mbar	20	male G 3/4" JPG	1	50040
500 mbar	20	male G 1" JPG	1	50041
500 mbar	25	male G 3/4" JPG	1	50043
500 mbar	25	male G 1" JPG	1	50042
500 mbar	32	male G 1"1/4 JPG	1	50044
500 mbar	32	male G 1"1/2 JPG	1	50045



## > PLT IZINOX® Male Cylindrical End Fittings with meterbox flat gasket (NF E 29-532)

Max pressure	DN	Fittings	Regulator	Sell unit	References
500 mbar	20	male 6/20 JPC	B6	1	50034
500 mbar	25	male 6/20 JPC	B6	1	50035
500 mbar	25	male 10/32 JPC	B10 - B25	1	50036
500 mbar	32	male 10/32 JPC	B10 - B25	1	50037



## > PLT IZINOX® Female Cylindrical Fittings with meterbox flat gasket (NF E 29-532)

Max pressure	DN	Fittings	For Meterbox	Sell unit	References
500 mbar	20	female 6/20 JPC	G4	1	50151
500 mbar	25	female 6/20 JPC	G4	1	50152
500 mbar	25	female 10/32 JPC	G6	1	50161
500 mbar	32	female 10/32 JPC	G6	1	50160





# PLT IZINOX® Kits

## > PLT IZINOX® Female cylindrical End Fittings with gas flat gasket (NF E 29-532)

Max pressure	DN	Fittings	Sell unit	References
500 mbar	15	female G 1/2" JPG	1	50061
500 mbar	15	female G 3/4" JPG	1	50063
500 mbar	20	female G 1/2" JPG	1	50062
500 mbar	20	female G 3/4" JPG	1	50065
500 mbar	20	female G 1" JPG	1	50106
500 mbar	25	female G 3/4" JPG	1	50066
500 mbar	25	female G 1" JPG	1	50067
500 mbar	25	female G 1 1/4" JPG	1	50064
500 mbar	32	female G 1" JPG	1	50068
500 mbar	32	female G 1 1/4" JPG	1	50069
500 mbar	32	female G 1 1/2" JPG	1	50074



## > Union bushing PLT IZINOX®

Max pressure	DN	Sell unit	References
500 mbar	15	1	50070
500 mbar	20	1	50071
500 mbar	25	1	50072
500 mbar	32	1	50073



PLT IZINOX®

## > PLT IZINOX® Junction Fitting / PE (NF EN 1555-3)

Max pressure	DN PLT iZInox®	PE	Sell unit	References
500 mbar	20	32	1	50157
500 mbar	20	40	1	50164
500 mbar	25	32	1	50158
500 mbar	25	40	1	50165
500 mbar	32	40	1	50159



## > PLT IZINOX® Junction Fitting to solder on copper (NF EN 1254-1)

Max pressure	DN	Copper tube	Sell unit	References
500 mbar	20	Ø 22	1	50089
500 mbar	20	Ø 35	1	50098
500 mbar	25	Ø 22	1	50090
500 mbar	25	Ø 28	1	50092
500 mbar	25	Ø 35	1	50093
500 mbar	32	Ø 22	1	50091
500 mbar	32	Ø 28	1	50094
500 mbar	32	Ø 35	1	50032



## > Copper outlet swivel from meterbox to PLT IZINOX® (NF E 29-532)

Max pressure	DN	Copper tube	Fittings JPC	For Meter-box	Sell unit	References
500 mbar	20	Ø 22	female 6/20 JPC	G4	1	50154
500 mbar	25	Ø 22	female 6/20 JPC	G4	1	50162
500 mbar	25	Ø 35	female 10/32 JPC	G6	1	50155
500 mbar	32	Ø 35	female 6/20 JPC	G6	1	50163



# PLT IZINOX® Kits

## > PLT IZINOX® Connecting tee of derivation

Max pressure	DN	Sell unit	References
500 mbar	15 / 15 / 15	1	50077
500 mbar	20 / 15 / 20	1	50078
500 mbar	20 / 15 / 15	1	50079
500 mbar	20 / 20 / 20	1	50080
500 mbar	25 / 25 / 25	1	50081
500 mbar	25 / 15 / 25	1	50082
500 mbar	25 / 20 / 25	1	50083
500 mbar	25 / 20 / 20	1	50084
500 mbar	25 / 15 / 20	1	50085
500 mbar	32 / 32 / 32	1	50086
500 mbar	32 / 20 / 20	1	50088



## > PLT IZINOX® Female End Fittings for LPG connection (NF EN 16-129)

Max pressure	DN	Fittings	Sell unit	References
500 mbar	15	female M20 x 150	1	50153
500 mbar	15	female G 3/4" LPG	1	50030
500 mbar	20	female M20 x 150	1	50156
500 mbar	20	female G 3/4" LPG	1	50031



## > Maintenance Kit (brass ring + gasket)

Products	Sell unit	References
Maintenance Kit PLT IZINOX® for DN 15	1	50182
Maintenance Kit PLT IZINOX® for DN 20	1	50183
Maintenance Kit PLT IZINOX® for DN 25	1	50184
Maintenance Kit PLT IZINOX® for DN 32	1	50185



## > Accessories

Products	Sell unit	References
Pipe cutter for PLT IZINOX® - DN 10 to DN 20	1	50095
Pipe cutter for PLT IZINOX® - DN 20 to DN 32	1	50096



## > PLT IZINOX® Hose Clamp

Products	Packaging	References
PLT IZINOX® Hose clamp for DN 15	5 pieces bag	50097
PLT IZINOX® Hose clamp for DN 20	5 pieces bag	50169
PLT IZINOX® Hose clamp for DN 25	5 pieces bag	50170
PLT IZINOX® Hose clamp for DN 32	5 pieces bag	50171



Products	Sell unit	References
Earth Clip DN 15	1	50101
Earth Clip DN 20 to DN 32	1	50166



## > Protective tape

Products	Sell unit	References
Tape for PLT IZINOX® width 25,4 mm - length 3 m	1	50102
Tape for PLT IZINOX® width 38,1 mm - length 3 m	1	50174





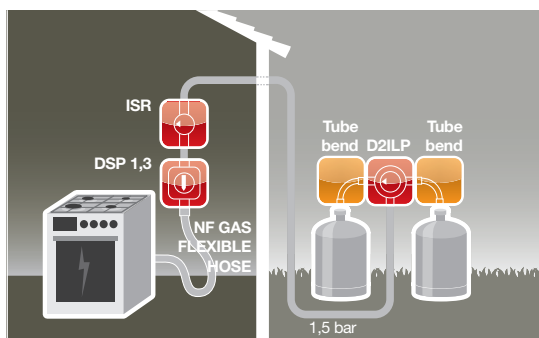
# GURTNER® > Propane Gas



# Domestic Kits

It permits a legislation compliance of your domestic installation for cylinders. Your propane operating pressure is 37 mbar.

## > Class 1 Propane kit - Stove Junction



Flow	Content	Ref.
1,3 kg/h	D2ILP 6 kg/h Reverser Limiter with ISR Fittings to solder Ø 12	DSP 1,3 kg/h + 2 Compensation tube bends 35cm <b>5 years</b>
		DSP 1,3 kg/h + 2 Compensation tube bends 35cm <b>Inox</b>

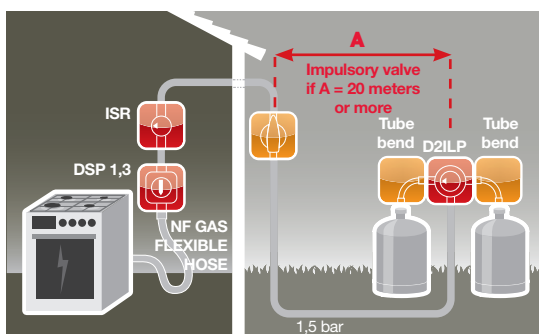


14660 5 years tube bend



21880 Inox tube bend

## > Class 1 Propane kit + valve - Stove Junction



Flow	Content	Ref.
1,3 kg/h	D2ILP 6 kg/h Reverser Limiter RG8 Valve With ISR Fittings to solder Ø 12	DSP 1,3 kg/h + 2 Compensation tube bends 35cm <b>5 years</b>
		DSP 1,3 kg/h + 2 Compensation tube bends 35cm <b>Inox</b>

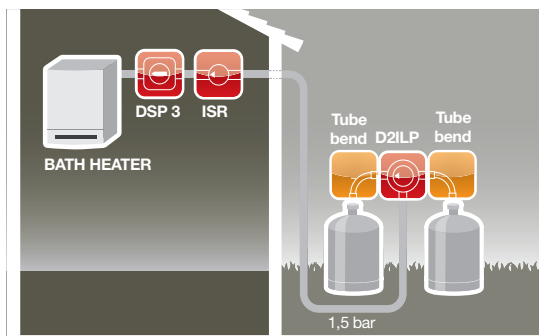


14660.05 5 years tube bend



21880.05 Inox tube bend

## > Class 2 Propane kit - Boiler Junction



Flow	Content	Ref.
3 kg/h	DILP 6 kg/h Inverseur Limiteur ISR Raccords à braser Ø 12	DSP 3 kg/h + 2 Compensation tube bends 35cm <b>5 years</b>
		DSP 3 kg/h + 2 Compensation tube bends 35cm <b>Inox</b>



14295 5 years tube bend



21885 Inox tube bend



# First and second stage pressure reduction

## Automatic Reverser And Pressure Reducers

It assures the continuity of your installation gas supply thanks to the automatic switchover from the empty cylinder to the full cylinder. These devices realise the first pressure reduction of the installation.

### > D2ILP - Propane Reverser Pressure Reducer Limiter

Flow	Pressure Upstream	Pressure Downstream	Inlet	Outlet	Gas-in-reserve indicator	Standard	References
6 kg/h	cylinder 20 bar	1,5 bar	male 20x150	male 20x150	Yes	NF EN 13786 / NF M 88-779	<b>25090</b>



Flow	Pressure Upstream	Pressure Downstream	Inlet	Outlet	Gas-in-reserve indicator	Standard	References
6 kg/h	cylinder 20 bar	1,5 bar	male 20x150	male 20x150	No	NF EN 13786 / NF M 88-779	<b>09530.03</b>



### > DIP - Propane Reverser Pressure Reducer

Flow	PRESSURE Upstream	PRESSURE Downstream	Inlet	Outlet	Gas-in-reserve indicator	References
8 kg/h	cylinder 20 bar	1,5 bar	male 20x150	male 20x150	No	<b>08790.03</b>
8 kg/h	cylinder 20 bar	1,5 bar	male 20x150	male 20x150	Yes	<b>20760</b>
20 kg/h	cylinder 20 bar	1,5 bar	male 20x150	male 20x150	Yes	<b>08790.34</b>
20 kg/h	cylinder 20 bar	3 bar	male 20x150	male 20x150	Yes	<b>12680.03</b>
50 kg/h	cylinder 20 bar	1,5 bar	male 20x150	male 20x150	Yes	<b>20770</b>



### > ISR - Reserve Service Indicator

Use	Flow	Inlet	Outlet	Standard	References
For reversing gear	6 kg/h and 8 kg/h	male 20x150	male 20x150	-	<b>12580</b>



**PROPANE ONLY**

Propane Gas

## Security Pressure Reducers

Installed after the first pressure reduction these devices have 3 functions : valve, pressure reduction, and security by flow interruption in case of upstream pressure fall. In addition, the 1,3 kg/h device is equipped of a flow excess security.

### > DSP - Propane Security Pressure Reducer

Flow	PRESSURE Upstream	PRESSURE Downstream	Inlet	Outlet	Standard	References
1,3 kg/h	0,5 to 1,75 bar	37 mbar	male 20x150	male 20x150	NF M 88-779 / NF EN 13785	<b>14760.03</b>
3 kg/h	0,5 to 1,75 bar	37 mbar	male 20x150	male 20x150	NF M 88-779 / NF EN 13785	<b>14770.03</b>
3 kg/h	0,5 to 1,75 bar	50 mbar	male 20x150	male 20x150	-	<b>17640.03</b>
5 kg/h	0,5 to 1,75 bar	37 mbar	male 20x150	male 20x150	NF M 88-779 / NF EN 13785	<b>14775.03</b>
5 kg/h	0,5 to 1,75bar	50 mbar	male 20x150	male 20x150	-	<b>17650.03</b>
5 kg/h	0,5 to 1,75bar	148 mbar	male 20x150	male 20x150	NF M 88-779 / NF EN 13785	<b>14790.03</b>
8 kg/h	0,5 to 1,75bar	37 mbar	male 20x150	male 20x150	-	<b>18050.03</b>
8 kg/h	0,5 to 1,75bar	50 mbar	male 20x150	male 20x150	-	<b>18051.03</b>



Flow	PRESSURE Upstream	PRESSURE Downstream	Inlet	Outlet	Standard	References
12 kg/h	0,5 to 1,75bar	37 mbar	male G 3/4"	male G 3/4"	-	<b>12570.07</b>
12 kg/h	0,5 to 1,75bar	50 mbar	male G 3/4"	male G 3/4"	-	<b>13000.07</b>
12 kg/h	0,5 to 1,75bar	148 mbar	male G 3/4"	male G 3/4"	-	<b>13265.07</b>
8 kg/h	300 mbar	37 mbar	male G 3/4"	male G 3/4"	-	<b>20740.07</b>



# Regulators

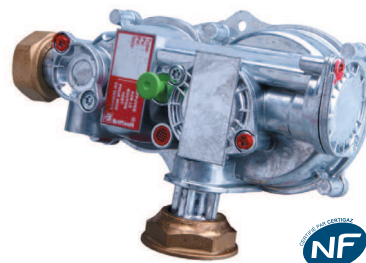
**Important :** the outlet of the vent should be connected to the outside for an indoor installation (for example in a boiler room).

## > Regulator B 6 N

Flow	Pressure		Inlet	Outlet	Standard	References
	Upstream	Downstream				
7 kg/h	0,5 to 5 bar	37 mbar	G3/4" nut	6/20 nut	NF E 29-190-2	<b>18378.37</b>
7 kg/h	0,5 to 5 bar	50 mbar	G3/4" nut	6/20 nut	NF E 29-190-2	<b>18378.50</b>

**Inlet :** G3/4" nut rounded conical connection DN 15

**Outlet :** 6/20 nut meterbox flat gasket DN 20

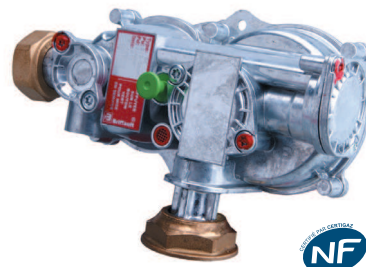


## > Regulator B 10 N

Flow	Pressure		Inlet	Outlet	Standard	References
	Upstream	Downstream				
12 kg/h	0,5 to 5 bar	37 mbar	G3/4" nut	10/32 nut	NF E 29-190-2	<b>18379.37</b>
12 kg/h	0,5 to 5 bar	50 mbar	G3/4" nut	10/32 nut	NF E 29-190-2	<b>18379.50</b>

**Inlet :** G3/4" nut rounded conical connection DN 15

**Outlet :** 10/32 nut meterbox flat gasket DN 32

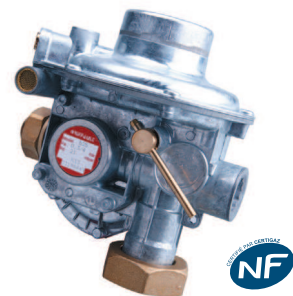


## > Regulator B 25 NT

Flow	Pressure		Inlet	Outlet	Standard	References
	Upstream	Downstream				
30 kg/h	0,3 to 4 bar	37 mbar	G3/4" nut	10/32 nut	NF E 29-190-2	<b>19170.37</b>
30 kg/h	0,3 to 4 bar	50 mbar	G3/4" nut	10/32 nut	NF E 29-190-2	<b>19170.50</b>

**Inlet :** G3/4" nut rounded conical connection DN 15

**Outlet :** 10/32 nut meterbox flat gasket DN 32

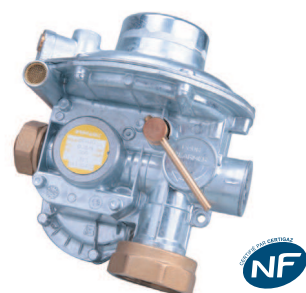


## > Regulator BCH30 N

Flow	Pressure		Inlet	Outlet	Standard	References
	Upstream	Downstream				
37 kg/h	0,8 to 4 bar	148 mbar	G3/4" nut	G1"1/4 nut	-	<b>19209</b>
37 kg/h	0,8 to 4 bar	300 mbar	G3/4" nut	G1"1/4 nut	NF E 29-190-2	<b>19180</b>

**Inlet :** G3/4" nut rounded conical connection DN 15

**Outlet :** G1"1/4 nut meterbox flat gasket DN 25





# Regulators

**Important : the outlet of the vent should be connected to the outside for an indoor installation (for example in a boiler room).**

## > Regulator C40

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
50 kg/h	0,3 to 5 bar	37 mbar	G1"1/4 nut	male JPG 2"1/4	24284.37

**Inlet :** G1"1/4 nut DN 25 rounded conical connection

**Outlet :** male JPG 2"1/4 DN 50

## > Regulator B50

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
62 kg/h	0,5 to 5 bar	37 mbar	G1"1/4 nut	male JPG 2"1/4	24285.37

**Inlet :** G1"1/4 nut DN 25 rounded conical connection

**Outlet :** male JPG 2"1/4 DN 50

## > Regulator CCH50

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
63 kg/h	0,8 to 5 bar	300 mbar	G1"1/4 nut	male JPG 2"1/4	24291

**Inlet :** G1"1/4 nut DN 25 rounded conical connection

**Outlet :** male JPG 2"1/4 DN 50



## > Regulator B60

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
75 kg/h	0,8 to 5 bar	300 mbar	G1"1/4 nut	male JPG 2"1/4	24290

**Inlet :** G1"1/4 nut DN 25 rounded conical connection

**Outlet :** male JPG 2"1/4 DN 50

## > Regulator C65

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
81 kg/h	0,7 to 5 bar	37 mbar	G1"1/4 nut	male JPG 2"1/4	24286.37

**Inlet :** G1"1/4 nut DN 25 rounded conical connection

**Outlet :** male JPG 2"1/4 DN 50

## > Regulator CCH80

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
100 kg/h	0,8 to 5 bar	300 mbar	G1"1/4 nut	male JPG 2"1/4	24292

**Inlet :** G1"1/4 nut DN 25 rounded conical connection

**Outlet :** male JPG 2"1/4 DN 50





# Regulators

## Fittings for Regulators

> Inlet fittings for regulator

Max pressure	DN	Inlet	Fittings	Regulator	References
5 bar	15	Cu ø12	male JSC 3/4"	B6-B10-B25-BCH30	24175
5 bar	15	Cu ø16	male JSC 3/4"	B6-B10-B25-BCH30	24176
5 bar	15	Cu ø18	male JSC 3/4"	B6-B10-B25-BCH30	18174.18
5 bar	15	Ac ø21,3	male JSC 3/4"	B6-B10-B25-BCH30	19966
5 bar	25	Cu ø28	male JSC 1"1/4	C40-B50-C65-BCH60-CCH50-CCH80	24178
5 bar	25	Ac ø33,7	male JSC 1"1/4	C40-B50-C65-BCH60-CCH50-CCH80	24168

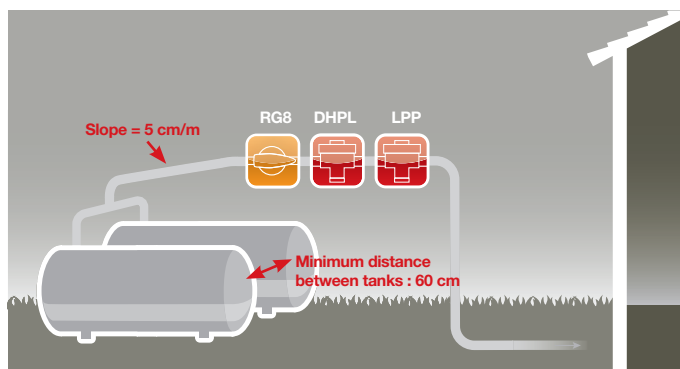


> Outlet fittings for regulator + gasket

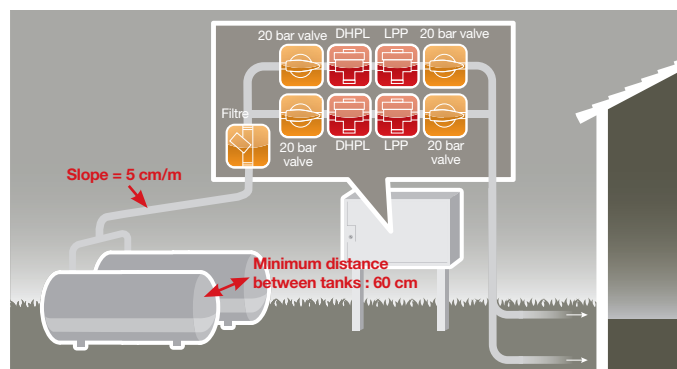
Max pressure	Fittings	Outlet	Particularity	Regulator	References
500 mbar	male JPC 20	Cu ø22	Straight	B6	19143
500 mbar	male JPC 20	Cu ø28	Straight	B6	24187
500 mbar	male JPC 20	Cu ø22	Right angled 90°	B6	24195
500 mbar	male JPC 20	Cu ø28	Right angled 90°	B6	24196
500 mbar	male JPC 20	Ac ø26,9	Straight	B6	19976
500 mbar	male JPC 20	Ac ø33,7	Straight	B6	19977
500 mbar	male JPC 32	Cu ø28	Straight	B10 - B25	19151
500 mbar	male JPC 32	Cu ø35	Straight	B10 - B25	24188
500 mbar	male JPC 32	Cu ø28	Right angled 90°	B10 - B25	24197
500 mbar	male JPC 32	Cu ø35	Right angled 90°	B10 - B25	24198
500 mbar	male JPC 32	Ac ø33,7	Straight	B10 - B25	19978
500 mbar	male JPC 32	Ac ø42,4	Straight	B10 - B25	19979
500 mbar	male JPG 25	Cu ø28	Straight	BCH30	19152
500 mbar	male JPG 25	Cu ø28	Right angled 90°	BCH30	24199
500 mbar	male JPG 25	Ac ø33,7	Straight	BCH30	19980
500 mbar	G 2"1/4 nut	Cu ø54	Straight	C40-B50-C65-BCH60-CCH50-CCH80	24087
500 mbar	G 2"1/4 nut	Ac ø60,3	Straight	C40-B50-C65-BCH60-CCH50-CCH80	24084



### PAIRED ABOVE-GROUND TANKS



### PAIRED ABOVE-GROUND TANKS - BOX





# Fixed and Adjustable pressure reduction

## “Tanks” Pressure Reducer

Pressure reducers are installed on tanks outside of constructions and assure the first pressure reduction of the installation. Pressure limiters are security devices which fit downstream the first pressure reduction. They protect the installation in case of a failure of the first regulation.

### > DHPV - Vertical High Pressure Regulator

Flow	Pressure		Inlet	Outlet	Standard	References
	Upstream	Downstream				
40 kg/h	tank 20 bar	1,5 bar	G3/4" nut	male 20x150	NF M 88-767	<b>21740.08</b>
40 kg/h	tank 20 bar	3 bar	G3/4" nut	male 20x150	-	<b>21740.38</b>



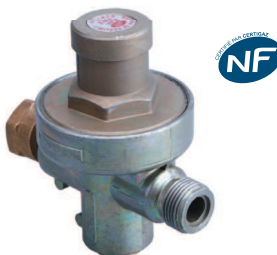
### > Horizontal High Pressure Regulator

Flow	Pressure		Inlet	Outlet	Standard	References
	Upstream	Downstream				
40 kg/h	tank 20 bar	1,5 bar	20x150 nut	male 20x150	NF M 88-767	<b>21750.01</b>
40 kg/h	tank 20 bar	3 bar	20x150 nut	male 20x150	-	<b>21750.03</b>
100 kg/h	tank 20 bar	1,5 bar	male G 3/4"	male G 3/4"	-	<b>18318</b>



### > LPP - Propane Pressure Limiter

Flow	Pressure		Inlet	Outlet	Standard	References
	Upstream	Downstream				
40 kg/h	1,5 bar	1,75 bar	20x150 nut	male 20x150	NF M 88-774	<b>21760.01</b>
40 kg/h	1,5 bar	1,75 bar	20x150 nut	male 20x150	-	<b>21770.01*</b>
40 kg/h	3 bar	3,5 bar	20x150 nut	male 20x150	-	<b>21760.03</b>
100 kg/h	1,5 bar	1,75 bar	G 3/4" nut	male G 3/4"	-	<b>18319</b>



\*with valve for pressure statement

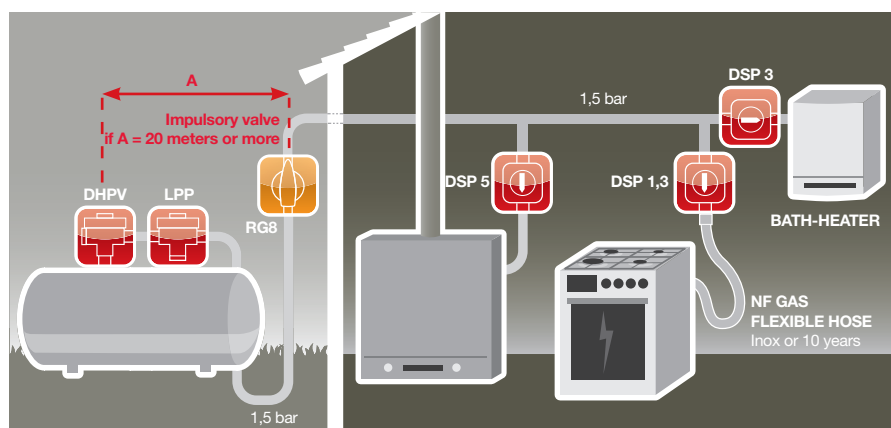
Flow	Pressure		Inlet	Outlet	Standard	References
	Upstream	Downstream				
8 kg/h	1,5 bar	1,75 bar	20x150 nut	male 20x150	-	<b>08390.01</b>



Propane Gas

## Propane Installation Technical Drawing

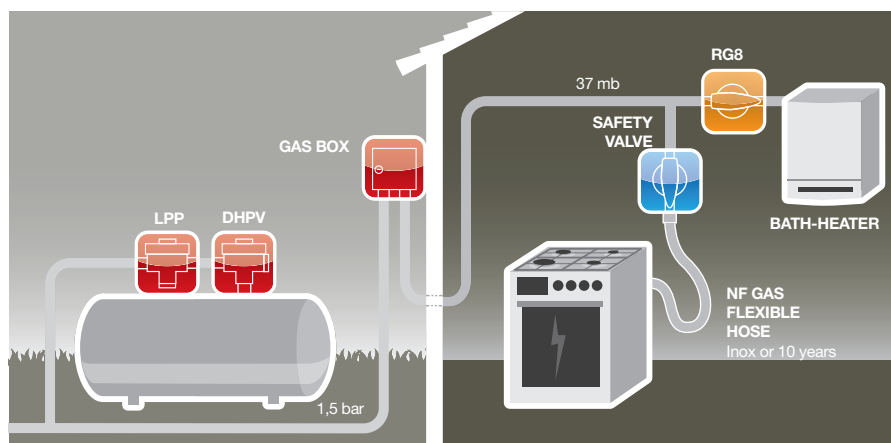
### > Installation with tank



Product	References
1st Stage Pressure reducer : DHPV	<b>21740.08</b>
Pressure Limitorator 40 kg/h : LPP	<b>21760.01</b>
Security Pressure Reducer : DSP 1,3	<b>14760.03</b>
Security Pressure Reducer : DSP 5	<b>14775.03</b>
Security Pressure Reducer : DSP 3	<b>14770.03</b>
Pressure Valve : RG8 With Security	<b>14750</b>

# Fixed and Adjustable pressure reduction

> Gas distributing with metering under 37mb



Article	References
1st Stage Pressure reducer : DHPV	<b>21740.08</b>
Pressure Limiter 40 kg/h : LPP	<b>21760.01</b>
Pressure Valve : RG8 With Security	<b>14750</b>
Pressure Reducer : B6	<b>18378.37</b>
Gas Box : G 4	<b>19144</b>
Safety Valve with Automatic Shut-off Device	<b>23999</b>

## Fixed Pressure Reducers (For High Pressure)

They are installed on cylinders outside constructions and assure the first pressure reduction of the installation. The Double Pressure Reduction for High Pressure (DPRHP) has a pressure limiter.

> DDHP - Double Pressure Reducer for High Pressure with incorporated pressure limiter

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
6 kg/h	cylinder 20 bar	1,5 bar	male 20x150	male 20x150	<b>12780.03</b>



> DHP - High Pressure Reducer

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
8 kg/h	cylinder 20 bar	1,5 bar	20x150 nut	male 20x150	<b>08775.01</b>
8 kg/h	cylinder 20 bar	1,5 bar	cylinder nut	male 20x150	<b>08775.02</b>
8 kg/h	cylinder 20 bar	2,2 bar	cylinder nut	male 20x150	<b>12140.02</b>



## Adjustable Pressure Reducers (For High Pressure)

Generally used in industrial or artisanal domains, these adjustable pressure reducers assure first or second pressure reduction of the installation.

> DRP - Propane Adjustable Pressure Reducer

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
8 kg/h	1,5 bar/cylinder 20 bar	0 to 3 bar	20x150 nut	male 20x150	<b>09436.01</b>
8 kg/h	1,5 bar/cylinder 20 bar	0 to 3 bar	cylinder nut	male 20x150	<b>09436.02</b>
40 kg/h	1,5 bar/cylinder 20 bar	0 to 3 bar	20x150 nut	male 20x150	<b>13270.01</b>
40 kg/h	1,5 bar/cylinder 20 bar	0 to 3 bar	male 20x150	male 20x150	<b>13270.03</b>



**Upstream pressure :** 1,5 bar after first pressure reduction or 20 bar cylinder.



# Fixed and Adjustable pressure reduction

## Adjustable Pressure Reducers (For High Pressure)

(Following)

> **DRP - Propane Adjustable Pressure Reducer with manometer**

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
8 kg/h	1,5 bar/cylinder 20 bar	0 to 3 bar	20x150 nut	male 20x150	<b>08785.01</b>
8 kg/h	1,5 bar/cylinder 20 bar	0 to 3 bar	cylinder nut	male 20x150	<b>08785.02</b>
40 kg/h	1,5 bar/cylinder 20 bar	0 to 3 bar	20x150 nut	male 20x150	<b>13260.01</b>
40 kg/h	1,5 bar/cylinder 20 bar	0 to 3 bar	cylinder nut	male 20x150	<b>13260.02</b>

**Upstream pressure :** 1,5 bar after first pressure reduction or 20 bar cylinder.



> **DRP - Propane Adjustable Pressure Reducer with manometer vertical inlet**

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
40 kg/h	tank 20 bar	0 to 3 bar	G3/4" nut	male 20x150	<b>13260.08</b>

**Upstream pressure :** 1,5 bar after first pressure reduction or 20 bar cylinder.



## Adjustable Pressure Reducers (For Low Pressure)

They are used in specific domains of the industry when there is a need to adjust or differ a pressure. They assure first or second pressure reduction of the installation.

> **DRP - Propane Adjustable Pressure Reducer**

Flow	Pressure		inlet	Outlet	References
	Upstream	Downstream			
4 kg/h	0,5 to 16 bar	0 to 100 mbar	cylinder nut	male 20x150	<b>18000</b>
4 kg/h	0,5 to 16 bar	0 to 300 mbar	20x150 nut	male 20x150	<b>14045.01</b>
4 kg/h	0,5 to 16 bar	0 to 300 mbar	cylinder nut	male 20x150	<b>14045.02</b>
4 kg/h	0,5 to 16 bar	0 to 600 mbar	20x150 nut	male 20x150	<b>14595.01</b>
4 kg/h	0,5 to 16 bar	0 to 600 mbar	cylinder nut	male 20x150	<b>14595.02</b>
4 kg/h	0,5 to 16 bar	50 to 200 mbar	20x150 nut	male 20x150	<b>14605.01</b>
4 kg/h	0,5 to 16 bar	50 to 200 mbar	cylinder nut	male 20x150	<b>14605.02</b>
8 kg/h	0,5 to 16 bar	50 to 200 mbar	20x150 nut	male 20x150	<b>19015.01</b>



> **DRP - Propane Adjustable Pressure Reducer with manometer**

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
4 kg/h	0,5 to 16 bar	0 to 300 mbar	20x150 nut	male 20x150	<b>14050.01</b>
4 kg/h	0,5 to 16 bar	0 to 300 mbar	cylinder nut	male 20x150	<b>14050.02</b>
4 kg/h	0,5 to 16 bar	0 to 600 mbar	20x150 nut	male 20x150	<b>14585.01</b>
4 kg/h	0,5 to 16 bar	0 to 600 mbar	cylinder nut	male 20x150	<b>14585.02</b>
4 kg/h	0,5 to 16 bar	50 to 200 mbar	cylinder nut	male 20x150	<b>14610.02</b>
12 kg/h	0,5 to 16 bar	0 to 300 mbar	male G 3/4"	male G 3/4"	<b>12610.07</b>



# Fixed and Adjustable pressure reduction

## Fixed Pressure Reducers for Low Pressure

They are used in specific domains of industry, agriculture or mobile outside installation but never in fixed domestic installation. They assure first or second pressure reduction of the installation.

### > DFP - Propane Fixed Pressure Reducer for Safety

Flow	Pressure		Inlet	Outlet	Standard	References
	Upstream	Downstream				
1,5 kg/h	2 to 16 bar	37 mbar	cylinder nut	male 20 x 150	NF EN 12864 / XP M 88-778	19221.02



### > DFP - Propane Fixed Pressure Reducer

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
2 kg/h	0,5 to 16 bar	37 mbar	20 x 150 nut	male 20x150	14515.01
2 kg/h	0,5 to 16 bar	37 mbar	cylinder nut	male 20x150	14515.02
2 kg/h	0,5 to 16 bar	148 mbar	20x150 nut	male 20x150	14530.01
2 kg/h	0,5 to 16 bar	148 mbar	cylinder nut	male 20x150	14530.02
4 kg/h	0,5 to 16 bar	37 mbar	20 x 150 nut	male 20x150	14535.01
4 kg/h	0,5 to 16 bar	37 mbar	cylinder nut	male 20x150	14535.02
4 kg/h	0,5 to 16 bar	50 mbar	cylinder nut	male 20x150	14550.02
4 kg/h	0,5 to 16 bar	148 mbar	cylinder nut	male 20x150	14555.02



12 kg/h	0,5 to 16 bar	37 mbar	male G 3/4"	male G 3/4"	12600.07
20 kg/h	0,5 to 16 bar	37 mbar	male G 3/4"	male G 3/4"	18507.07
25 kg/h	2,5 to 4 bar	37 mbar	male G 3/4"	male G 3/4"	18507.07



### > DFP - Propane Fixed Pressure Reducer

Flow	Pressure		Inlet	Outlet	References
	Upstream	Downstream			
4 kg/h	1,5 bar/cylinder 20 bar	37 mbar	20x150 nut	male 20x150	19045.34
8 kg/h	1,5 bar/cylinder 20 bar	37 mbar	20x150 nut	male 20x150	19050.34



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**GURTNER**® > Butane Gas



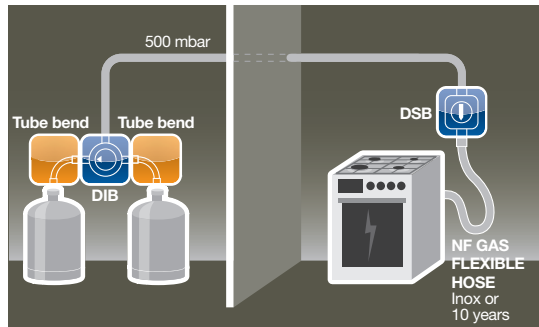
# Domestic Kits

**BUTANE KIT :** With a second security pressure reduction. Installation with cylinders distant of the burning device.(> 5 METERS)

**BUTA Kit 2 :** if cylinders are close of the burning device. (< 5 METERS)

Your butane operating pressure is 28 mbar.

## > Class 1 Butane kit - Stove Junction



Flow	Content	Ref.
1,3 kg/h	DIB Reverser 2,6 kg/h	DSB 1,3 kg/h + two 35 cm compensation tube bends <b>5 years</b>
	Ø 12 fittings to solder	DSB 1,3 kg/h + two 35 cm compensation tube bends <b>Inox</b>

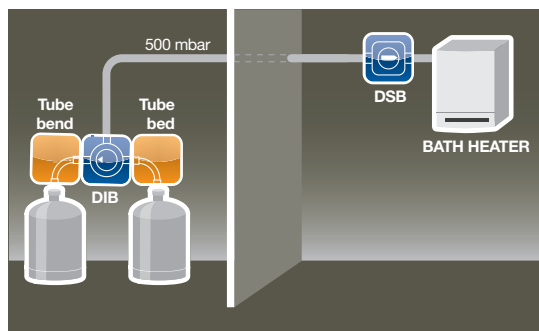


12745 5 years tube bend



21875 Inox tube bend

## > Class 2 Butane Kit - Bath-heater Junction



Flow	Content	Ref.
2,6 kg/h	RPR Reverser 2,6 kg/h	DSB 2,6 kg/h + two 35 cm compensation tube bends <b>5 years</b>
	Ø 12 fittings to solder	DSB 2,6 kg/h + two 35 cm compensation tube bends <b>Inox</b>

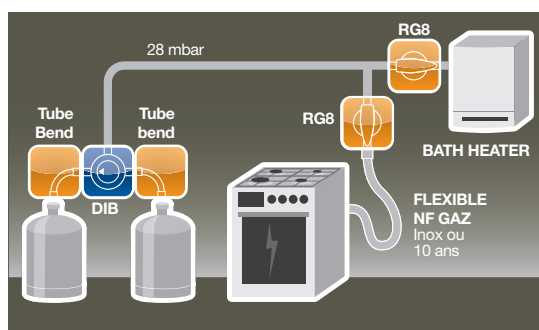


12745.02 5 years tube bend



21875.02 Inox tube bend

## > BUTA Kit 2 - Stove + Bath Heater Junction



Flow	Content	Ref.
2,6 kg/h	DIBBP Reverser 2,6 kg/h	+ two 35 cm compensation tube bends <b>5 years</b>
	1 Ø 12 fitting to solder	+ two 35 cm compensation tube bends <b>5 years</b>

\* RG8 Valve is not included in this kit (ref 14750), see page 37.

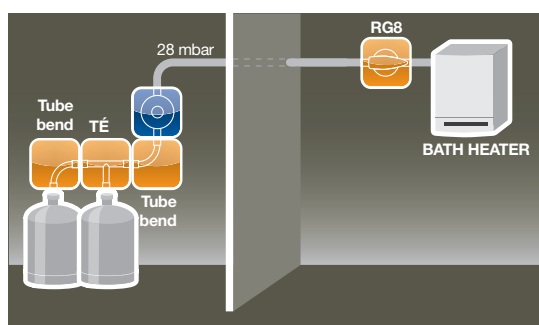


18510 5 years tube bend



21860 Inox tube bend

## > Bath Heater Kit - Bath Heater Junction



Flow	Content	Ref.
2,6 kg/h	Connecting tee cylinder DFB - 2,6 kg/h	+ two 35 cm compensation tube bends <b>5 years</b>
	1 double male fitting + 1 Ø 12 fitting to solder	+ two 35 cm compensation tube bends <b>5 years</b>

\* RG8 Valve is not included in this kit (ref 14750), see page 37.



12275 5 years tube bend



21865 Inox tube bend

# Pressure reduction

## Automatic Reverser and Pressure Reducer

It assures the continuity of your installation gas supply thanks to the automatic switchover from the empty cylinder to the full cylinder. These devices realise the first pressure reduction of the installation.

### > DIB - Butane Reverser and Pressure Reducer with indicator

Flow	Pressure Upstream	Pressure Downstream	Inlet	Outlet	Standard	References
2,6 kg/h	0,7 to 7,5 bar	500 mbar	male 20x150	male 20x150	NF EN 13786 / NF M 88-779	<b>12485.03</b>



### > DIBBP - Butane Reverser and Pressure Reducer with indicator (Low Pressure)

Flow	Pressure Upstream	Pressure Downstream	Inlet	Outlet	Standard	References
2,6 kg/h	0,7 to 7,5 bar	28 mbar	male 20x150	male 20x150	NF EN 13786 / NF M 88-779	<b>18040.03</b>



## Safety Pressure Reducer

Installed after the first pressure reduction these devices have 3 functions : valve, pressure reduction, and security by flow interruption in case of upstream pressure fall. In addition, the 1,3 kg/h device is equipped of a flow excess security.

### > DSB - Butane Security Pressure Reducer

Flow	Pressure Upstream	Pressure Downstream	Inlet	outlet	Standard	References
1,3 kg/h	0,1 to 0,6 bar	28 mbar	male 20x150	male 20x150	NF M 88-779 / NF EN 13785	<b>14795.03</b>
2,6 kg/h	0,1 to 0,6 bar	28 mbar	male 20x150	male 20x150	NF M 88-779 / NF EN 13785	<b>14800.03</b>
6 kg/h*	0,1 to 0,6 bar	28 mbar	male G 3/4"	male G 3/4"	-	<b>13100.07</b>



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# Fixed Pressure Reduction

## Pressure Reducer (Low Pressure)

It assures pressure reduction of these devices use : 28 mbar

> AS3 M with security

Flow	Pressure Upstream	Pressure Downstream	Inlet	Outlet	Standard	References
1,3 kg/h	8 bar cylinder	28 mbar	cylinder nut	male 20x150	NF EN 12864 / XP M 88-778	<b>19959.04</b>
1,3 kg/h	8 bar cylinder	28 mbar	cylinder nut	male 20x150 + nozzle	NF EN 12864 / XP M 88-778	<b>19958.04</b>

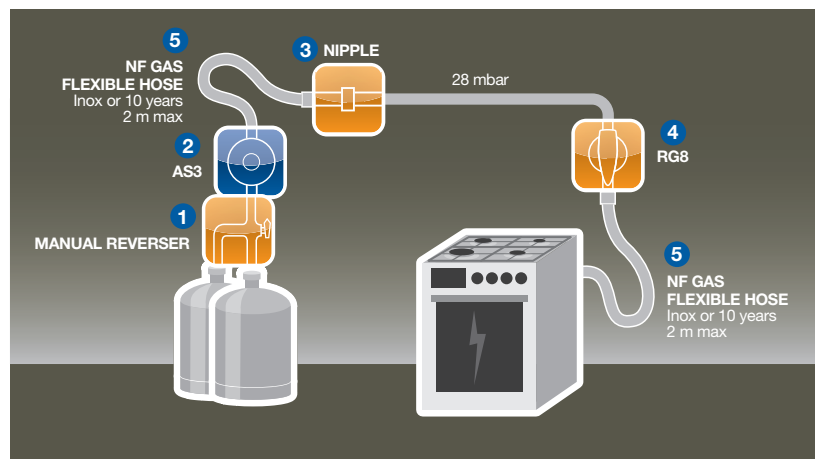


> AS3 - Reserved for exportation

Flow	Pressure Upstream	Pressure Downstream	Inlet	Outlet	Standard	References
1,3 kg/h	8 bar cylinder	28 mbar	Cylinder nut	Nozzle	-	<b>17740</b>



### STOVE SUPPLY WITH A MANUAL REVERSER



	Product	References
1	Manual reverser with NF Gas compensation tube bend 35 cm	<b>14110.02</b>
2	Pressure reducer AS3 with security - 1,3kg/h - 28 mbar	<b>19959</b>
3	G1/2" Nipple Cu Ø14	<b>24075</b>
4	RG8 S Valve + nut fitting 20x150 Cu Ø14 (réf. 08769.14)	<b>14750</b>
5	NF Gas Flexible Hose - Inox or 10 years	<b>see p. 36</b>



**GURTNER**® > LPG Accessories





# Butane Propane Accessories

## Compensation Tube Bend

### > Compensation Tube Bend

Expiry date	Length	Inlet	Outlet	Standard	References
5 years	0,35 m	Cylinder nut	20x150 nut	NF M 88-768	<b>08860</b>
5 years	0,45 m	Cylinder nut	20x150 nut	NF M 88-768	<b>08860.06</b>
5 years	0,70 m	Cylinder nut	20x150 nut	NF M 88-768	<b>08860.01</b>
5 years	0,70 m	20x150 nut	20x150 nut	-	<b>12235</b>
5 years	1,50 m	20x150 nut	20x150 nut	-	<b>12785</b>



### > Inox Compensation Tube Bend

Expiry date	Length	Inlet	Outlet	Standard	References
None	0,35 m	Cylinder nut	20x150 nut	XP M 88-780	<b>21870</b>
None	0,45 m	Cylinder nut	20x150 nut	XP M 88-780	<b>21870.06</b>
None	0,70 m	Cylinder nut	20x150 nut	XP M 88-780	<b>21870.01</b>



### > Gas Connector

Expiry date	Length	Inlet	Outlet	References
5 years	Compensation Tube 0,35 m Ref. 8860 + Connecting tee ref. 08864	Cylinder nut	male cylinder	<b>12250</b>



## Inox Flexible Hose

### > Inox Flexible Hose - Butane - Propane

Expiry date	Length	Inlet	Outlet	Standard	Packaging	References
None	0,50 m	20x150 nut	G 1/2" nut	NF D 36-125 / NF EN 14800	blister	19191
None	0,50 m	20x150 nut	G 1/2" nut	NF D 36-125 / NF EN 14800	bag	19191.S
None	0,75 m	20x150 nut	G 1/2" nut	NF D 36-125 / NF EN 14800	blister	19192
None	0,75 m	20x150 nut	G 1/2" nut	NF D 36-125 / NF EN 14800	bag	19192.S
None	1,00 m	20x150 nut	G 1/2" nut	NF D 36-125 / NF EN 14800	blister	19193
None	1,00 m	20x150 nut	G 1/2" nut	NF D 36-125 / NF EN 14800	bag	19193.S
None	1,25 m	20x150 nut	G 1/2" nut	NF D 36-125 / NF EN 14800	blister	19194
None	1,25 m	20x150 nut	G 1/2" nut	NF D 36-125 / NF EN 14800	bag	19194.S
None	1,50 m	20x150 nut	G 1/2" nut	NF D 36-125 / NF EN 14800	blister	19195
None	1,50 m	20x150 nut	G 1/2" nut	NF D 36-125 / NF EN 14800	bag	19195.S
None	2,00 m	20x150 nut	G 1/2" nut	NF D 36-125 / NF EN 14800	blister	19196
None	2,00 m	20x150 nut	G 1/2" nut	NF D 36-125 / NF EN 14800	bag	19196.s



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# Butane Propane Accesories

## Tubes and Flexible Hoses - for domestic installations only

> White tube Ø 6/12 + hose clamp

Expiry Date	Length	Inlet	Standard	References
5 years	1 m with hose clamp	to insert on a Ø10 nozzle	NF D 36-110	20713
5 years	1,50 m with hose clamp	to insert on a Ø10 nozzle	NF D 36-110	20715



> Hose clamp for white tube

Use	Standard	References
For tube Ø 6 / 12 mm	NF D 36-110	23078



> Ten years flexible Hose - Butane

Expiry date	Length	Inlet	Outlet	Standard	Packaging	References
10 years	0,50 m	20x150 nut	G 1/2" nut	XP D 36-112	blister	20811
10 years	0,50 m	20x150 nut	G 1/2" nut	XP D 36-112	bag	20811.S
10 years	1,00 m	20x150 nut	G 1/2" nut	XP D 36-112	blister	20813
10 years	1,00 m	20x150 nut	G 1/2" nut	XP D 36-112	bag	20813.S
10 years	1,50 m	20x150 nut	G 1/2" nut	XP D 36-112	blister	20815
10 years	1,50 m	20x150 nut	G 1/2" nut	XP D 36-112	bag	20815.S
10 years	2,00 m	20x150 nut	G 1/2" nut	XP D 36-112	blister	20816
10 years	2,00 m	20x150 nut	G 1/2" nut	XP D 36-112	bag	20816.S



> LPG flexible gasket

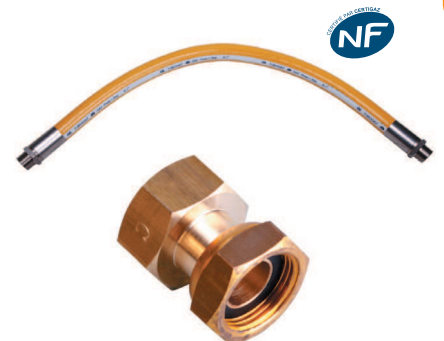
Max pressure	DN	Fittings	Packaging	References
50 mbar	12	20x150	2 by 2	19197



## High Pressure Flexible Hose - for profesional installations only / ERP

> Inox Flexible Hose - Butane / Propane - on bag (Pressure Max = 2 bar)

Expiry Date	Length	LPG Flow (37 mb) kg.h	Inlet	Outlet	Standard	References
None	0,50 m	2,5	G 1/2" nut	G 1/2" nut	NF D 36-123	20761
None	0,75 m	2,1	G 1/2" nut	G 1/2" nut	NF D 36-123	20762
None	1,00 m	1,9	G 1/2" nut	G 1/2" nut	NF D 36-123	20763
None	1,25 m	1,8	G 1/2" nut	G 1/2" nut	NF D 36-123	20764
None	1,50 m	1,7	G 1/2" nut	G 1/2" nut	NF D 36-123	20765
None	2,00 m	1,4	G 1/2" nut	G 1/2" nut	NF D 36-123	20766
None	1,00 m		male G 3/4"	male G 3/4"	NF D 36-123	20773
None	1,50 m		male G 3/4"	male G 3/4"	NF D 36-123	20775
None	1,00 m		male G 1"	male G 1"	NF D 36-123	20783
None	1,50 m		male G 1"	male G 1"	NF D 36-123	20785



Max pressure	Fitting	References
2b	Double female fitting G3/4"	34020

# Butane Propane Accessories

## High and Low Pressure Valves (-20°C to +60°C)

> RG8 with security - 20 bar

Flow according to pressure				Inlet	Outlet	Standard	References
37 mbar	148 mbar	1,5 bar	3 bar				
7,9 kg/h	16 kg/h	80kg/h	140 kg/h	male 20x150	male 20x150	XP M 88-771 / NF EN 331	<b>14750</b>



> RG10 - 20 bar

Flow according to pressure				Inlet	Outlet	Standard	References
37 mbar	148 mbar	1,5 bar	4 bar				
14,9 kg/h	30,9 kg/h	>100 kg/h	>150 kg/h	male G 3/4"	male G 3/4"	XP M 88-771	<b>18253</b>



> Releasing Valve 27 - 50 mb

Flow	Inlet	Outlet	Standard	References
1,3 Kg/h	male G 1/2"	male G 1/2"		<b>21575</b>



## High Pressure Meterbox

High pressure meterbox G2,5 is set between first and second pressure reduction of a propane installation. **The pressure build up to 2 bar must be done slowly.** The meterbox is delivered without fittings.

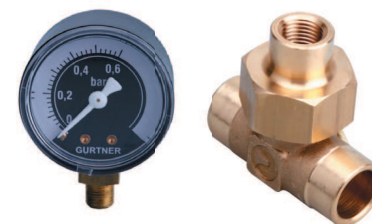
> G2,5 Meterbox

Flow	Max pressure	Dimension WxHxD in mm	Center-to-center distance	References
0,006 m <sup>3</sup> /h	2 bar	205x223x170 - JSC 3/4" Fitting	110	<b>19142</b>



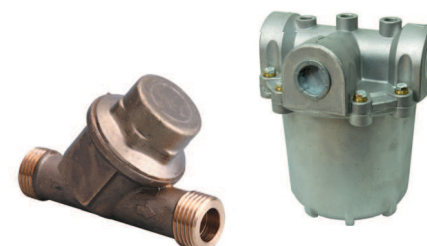
> Pressure gauge

	Fittings	References
For adjustable pressure reducer from 0 to 600mbar	male 10x100	<b>08798</b>
For adjustable pressure reducer from 0 to 3bar	male 10x100	<b>09405</b>
Connecting tee permitting the installation of a manometer on Ø 12 mm copper pipe		<b>13296</b>



> Gas filters - cartridge

Product	Inlet	Outlet	References
Filters Filtration capacity : 80 microns - pressure max : 20bar	male 20x150	male 20x150	<b>19005</b>
Filters Filtration capacity : 80 microns - pressure max : 20bar	male G 1/2"	male G 1/2"	<b>19007</b>
Filters Filtration capacity : 80 microns - pressure max : 20bar	male G 3/4"	male G 3/4"	<b>19006</b>
Filters Filtration capacity : 5 microns - pressure max : 10bar	female G 1"	female G 1"	<b>19011</b>
Filters Filtration capacity : 5 microns - pressure max : 10bar	female G 1"1/4	female G 1"1/4	<b>19013</b>
Filters Filtration capacity : 5 microns - pressure max : 10bar	female G 1"1/2	female G 1"1/2	<b>19014</b>



Product	Outlet	References
Replacement cartridge for Filters	20x150 - G 1/2" - G 3/4"	<b>19108</b>



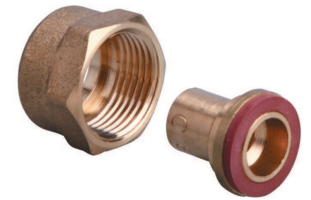


# Butane Propane Accesories

## Various Fittings

### > 2 pieces Fitting 20 x 150

Fittings	Copper Tube	References
20x150 nut	Ø 8 + gasket	<b>08769.08</b>
20x150 nut	Ø 10 + gasket	<b>08769.10</b>
20x150 nut	Ø 12 + gasket	<b>08769.12</b>
20x150 nut	Ø 14 + gasket	<b>08769.14</b>



### > 2 pieces Fitting for cylinder

Fittings	Copper Tube	References
cylinder nut	Ø 8 + gasket	<b>08772.08</b>
cylinder nut	Ø 10 + gasket	<b>08772.10</b>
cylinder nut	Ø 12 + gasket	<b>08772.12</b>
cylinder nut	Ø 14 + gasket	<b>08772.14</b>



### > 2 pieces LPG Fitting 3/4"

Fittings	Copper Tube	References
G 3/4" LPG nut	Ø 14 + gasket	<b>12791.14</b>
G 3/4" LPG nut	Ø 16 + gasket	<b>12789.16</b>
G 3/4" LPG nut	Ø 18 + gasket	<b>12788.18</b>



### > Nipple 20 x 150

Fittings	Copper Tube	References
20x150 male	Ø 8	<b>08923.08</b>
20x150 male	Ø 10	<b>08923.10</b>
20x150 male	Ø 12	<b>08923.12</b>
20x150 male	Ø 14	<b>08923.14</b>



### > Cylinder Nipple

Fittings	Copper Tube	References
cylinder male	Ø 8	<b>08924.08</b>
cylinder male	Ø 10	<b>08924.10</b>
cylinder male	Ø 12	<b>08924.12</b>
cylinder male	Ø 14	<b>08924.14</b>



### > Female/Female Fitting

Fittings	References
20x150 nut	20x150 nut + gasket <b>09230</b>
20x150 nut	écrou G 1/2" + gasket <b>18205</b>
G 3/4" nut	écrou G 1/2" + gasket <b>18210</b>



### > Male/Male Fitting

Fittings	References
20x150 male	20x150 male <b>09816</b>
20x150 male	cylinder male <b>09526</b>
G 3/4" male	G 3/4" male <b>12677</b>
20x150 male	3/4" male <b>12779</b>
20x150 male	G 1/2" male <b>23991</b>
G 1/2" male	G 1/2" male <b>23990</b>



# Butane Propane Accessories

## Various Fittings

### > Female-Male Fittings

Fittings		References
20x150 nut	male cylinder + gasket	<b>09338</b>
20x150 nut	male G 1/2" + gasket	<b>18240</b>
cylinder nut	male 20 x 150 + gasket	<b>09525</b>
G 1/2" nut	male 20 x 150 + gasket	<b>20709</b>



### > Gasket

Adjustable on	Packaging	References
20x150 nut	Par 10	<b>08663</b>
cylinder nut	Par 10	<b>07119</b>
G 3/4" nut GPL	Par 10	<b>12671</b>



### > Plug

Fittings	References
20x150 nut + gasket	<b>19153</b>
G 3/4" nut GPL + gasket	<b>12672</b>



### > Nozzle

Fittings	Ø nozzle	References
Monobloc 20x150 nut + gasket	Ø10	<b>08770</b>
2 pieces 20x150 nut + gasket	Ø10	<b>12980</b>
Cu Ø 8 to solder	Ø10	<b>08926.08</b>
Cu Ø 10 to solder	Ø10	<b>08926.10</b>
Cu Ø 12 to solder	Ø10	<b>08926.12</b>
Cu Ø 14 to solder	Ø10	<b>08926.14</b>
3 connecting tee nozzles	Ø10	<b>09927</b>



### > Connecting tee de couplage cylinder

Fittings	References
cylinder nut	<b>08864</b>



### > Connecting tee de rampe

Fittings	Tube cuivre	References
male 20x150	Ø 10	<b>08925.10</b>
male 20x150	Ø 12	<b>08925.12</b>



### > International Fitting

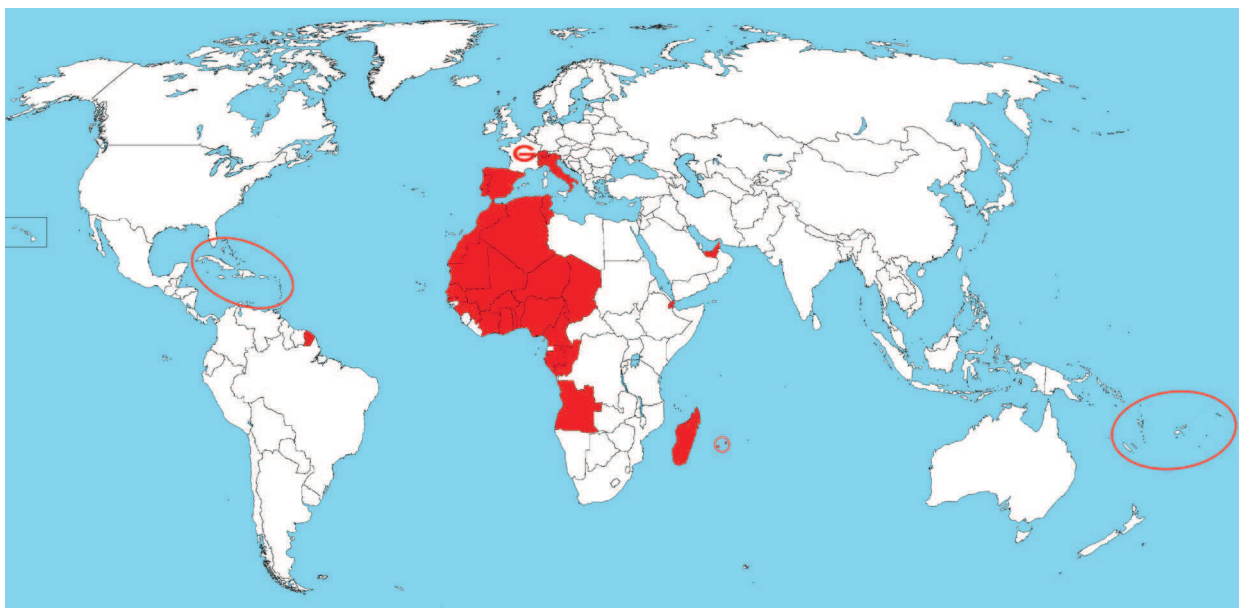
Composition	References
cylinder nut + male cylinder (Italy, Germany, Austria, UK, USA, Sweden, France)	<b>17550</b>







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