



**Integrated Gas  
Technologies**

**40+MILLION**  
**SAFE & HAPPY FAMILIES**  
WORLDWIDE



**UK  
LPG  
REGULATORS  
& ACCESSORIES**

[WWW.IGT-LPG.COM](http://WWW.IGT-LPG.COM)

**Denmark  
Technology**

## IGT REGULATOR FOR **LPG GAS APPLIANCES**

Stoves, Cookers, Cabinet, Heaters, Patio Heaters, BBQ, etc. As well as professional installations



# 01 ABOUT US



DENMARK

## Welcome to Integrated Gas Technologies

IGT is one of the Global leaders in the market for regulators and hoses for butane and propane cylinders.

IGT Headquartered in Denmark has two factories, NBSX located in Ningbo, China since 2004 and IGCT located in Hyderabad, India since 2016. IGT employs 245 people.

IGT uses the best raw materials such as zamac3, brass, steel and rubber for all components. In addition, we perform 100% quality control on both assembly and assembled finished products.

All LPG regulators come with a 5 year product warranty and \$5 million product liability insurance.

The factories have been audited and approved among others by international gas appliance companies and meet the high standards of these customer segments. Both factories are ISO9001 certified and in 2014 the NBSX factory was also BSCI certified ([www.bsci-int.org](http://www.bsci-int.org)), a social enterprise initiative aimed at ensuring compliance with the European Code of Conduct on Social Responsibility.

Recently 2023 the EN14001 environmental certification was received.

IGT aligns its production with the 17 United Nations Sustainable Development Goals to achieve a better and more sustainable future for all of us.



## IGT WORLD WIDE SALES NETWORK



IGT is a global supplier of domestic LPG Safety Device, with sales in over 120 countries.

IGT has a worldwide distribution sales network with own sales staff in Europe, United States, Russia-SNG countries, China and India.

See complete distributor and dealer list on [WWW.IGT-LPG.COM](http://WWW.IGT-LPG.COM)

- 📍 **Headquarters: Denmark**
- 📍 **Factory: Ningbo China, Hyderabad India**
- 📍 **Sales Office: Russia, USA, Belgium**

As a global gas regulator manufacturer IGT takes pride in product quality & durable products. We support UN Sustainable Development Goals with special focus on 3, 12 & 13. An extended product lifetime reduces environmental footprint.

IGT have reduced CO2 emissions by 30% since 2004, 70% reduction target is achievable before 2025.





**AIGPL**



## CERTIFICATION WORLD WIDE



CE - Europe



REACH  
NTC- Europe



TUV - Rheinland



SAI - Australia



CSA - USA&Canada



SABS - South Africa



SON CAP - Nigeria



SNI - Indonesia



DVGW - Germany



SIRIM - Malaysia



ISI - India



NTP - Peru



Gas del Estado  
- Argentina



NTC - Colombia



NCh - Chile



... and more

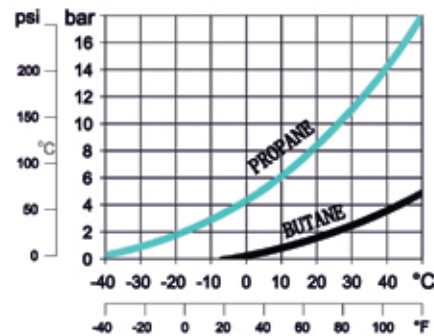
# GAS CYLINDER Vs. REGULATOR WITH MANOMETER LEVEL INDICATOR

## TYPE OF GAS IN THE CYLIDERS

The LPG contained in the cylinders are supplied either as Butune, or Propane, or a mix LPG of the two depending of country of use. Large quantities of flammable vapour can be produced from relatively small amounts of liquid LPG stored in cylinders and gas tanks. This makes LPG an ideal portable fuel. Cylinders must always remain upright to ensure only vapour exits the cylinder valve before it enters the regulators.

At atmospheric pressure Butane boils at -2C and propane boils at -45C

Contained in cylinders or bulk tank, LPG remains a liquid under pressure and this pressure depends on the type of LPG and the ambient or cylinder temperature surrounding the cylinder. The chart shows the vapor pressure within a gas cylinder at various ambient temperatures.

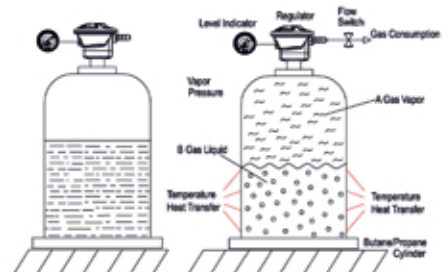


## VAPORISATION IN THE CYLINDER

When there is an off-take of gas from the gas cylinder, the gas volume consumed is regenerated by boiling off the liquid part. This vaporisation cools down the liquid. The heat required to continue the LPG to boil is transferred from the surrounding air in contact with the cylinder.

Propane or mixed LPG delivers high pressure at colder temperatures and is vaporized faster so it is used and stored outside. Butane is used mainly for indoor or summer use.

During off-take, the temperature and pressure decreases. When only a small drop of liquid remains in the cylinder, the gas pressure has reached the minimum of 0.3bar, The larger the cylinder the greater the surface area, and the more GAS vapor can be supplied



## TYPICAL VAPOURISATION RATES ON CYLINDERS

The GAS flow rate supplied depends on the type of gas, the liquid gas level in the cylinder, the ambient temperature, and the duration of use.

Cylinders can only supply a certain rate of vapor and must be sized correctly to meet the consumption of the appliances. Often an overlooked part of a LPG installation is the correct sizing or number of cylinders applied to ensure that the cylinder regulator delivers the correct flow rate.

The nominal capacity of the regulator is normally "the worst case scenario", to ensure the regulator operate in both very cold or hot climatic conditions and at lowest cylinder contents. This means in most cases our regulators are able to supply more than the rated capacity for a short time. However off-take rates for cylinders are typically less than the regulators nominal capacity as indicated in the overview.

Recommended maximum  
offtake rates for LPG cylinders

Cylinder Size kg	Offtake rate kg/h	Offtake rate kw(kilowatt)
15kg	0.70kg/h	9.70
13kg	1.05kg/h	14.60
19kg	1.32kg/h	18.35
47kg	2.37kg/h	32.94

Clip-On Regulators

CODE	A121IS- P104	IMAGE MISSING
DESCRIPTION	21mm Clip on Butane	
CAPACITY	1.5 Kg per hour	
OUTLET PRESSURE	28 mbar	
OUTLET	8mm ID hose	
EFV	Auto 90% Flow Cut off	



CODE	A121ISP- P104	IMAGE MISSING
DESCRIPTION	21mm Clip on Butane	
CAPACITY	1.5 Kg per hour	
OUTLET PRESSURE	28 mbar	
OUTLET	G 1/4" LH	
EFV	Manual – 100% Flow Cut off	



CODE	A121ISP- PM104	IMAGE MISSING
DESCRIPTION	21mm Clip on Butane	
CAPACITY	1.5 Kg per hour	
OUTLET PRESSURE	28 mbar	
OUTLET	G 1/4" LH	
EFV	Manual – 100% Flow Cut off	
MANOMETER	Leak Test & Low Gas Level Indication	



CODE	A127IS- P006
DESCRIPTION	27mm Clip on Propane
CAPACITY	1.5Kg per hour
OUTLET PRESSURE	37 mbar
OUTLET	8mm ID hose or G 1/4 LH
EFV	Auto – 90% Flow Cut off



CODE	A127ISP- P006
DESCRIPTION	27mm Clip on Propane
CAPACITY	1.5Kg per hour
OUTLET PRESSURE	37 mbar
OUTLET	G 1/4 LH
EFV	Manual 100% Flow Cut off



CODE	A127ISP- PM006
DESCRIPTION	27mm Clip on Propane
CAPACITY	1.5 Kg per hour
OUTLET PRESSURE	37 mbar
OUTLET	8mm ID hose or G 1/4 LH
EFV	Manual 100% Flow Cut off
MANOMETER	Leak Test & Low Gas Level Indication



CODE	A235IS - P002
DESCRIPTION	35mm Jumbo Click On
CAPACITY	1.5 kg per hour
OUTLET PRESSURE	29 mbar
OUTLET	8mm ID Hose or G 1/4" LH
EFV	Auto – 90% Flow Cut off



CODE	A235ISP - P002
DESCRIPTION	35mm Jumbo Click On
CAPACITY	1.5 kg per hour
OUTLET PRESSURE	29 mbar
OUTLET	G 1/4" LH
EFV	Manual , 100% FlowCut off



CODE	A235ISP - PM002
DESCRIPTION	35mm Jumbo Clip On with Manometer
CAPACITY	1.5 kg per hour
OUTLET PRESSURE	29 mbar
OUTLET	G 1/4" LH
EFV	Manual , 100% FlowCut off
MANOMETER	Leak Test & Low Gas Level Indication





Propane Regulators

CODE	A300 I – P021
DESCRIPTION	Propane Regulator
CAPACITY	1.5 Kg per hour
OUTLET PRESSURE	37 mbar
OUTLET	8mm ID hose



CODE	A300 IEP – P021
DESCRIPTION	Propane Regulator
CAPACITY	1.5 Kg per hour
OUTLET PRESSURE	37 mbar
OUTLET	8mm ID hose
EFV	Auto 90% Flow cut off



CODE	A300I – M021
DESCRIPTION	Propane Regulator with Manometer
CAPACITY	1.5 Kg per hour
OUTLET PRESSURE	37 mbar
OUTLET	8mm ID hose or G 1/4 LH



CODE	A300IEP - PM021
DESCRIPTION	Propane Regulator with Manometer
CAPACITY	1.5 Kg per hour
OUTLET PRESSURE	37 mbar
OUTLET	G 1/4 LH
EFV	Manual 100% Flow cut off



CODE	A300 IEP – P099
DESCRIPTION	Propane Regulator
CAPACITY	1.5 Kg per hour
OUTLET PRESSURE	37 mbar
OUTLET	8mm ID hose
INLET HANDWHEEL	YES



Butane Regulators

CODE	A310I - P012
DESCRIPTION	Butane Regulator
CAPACITY	1.5 Kg per hour
OUTLET PRESSURE	28 mbar
NOZZLE PRESSURE	8mm ID hose
EFV	Auto 90% Flow cut off



CODE	A500IS – P019
DESCRIPTION	Camping Regulator
CAPACITY	1.5 Kg per hour
OUTLET PRESSURE	28 mbar
NOZZLE PRESSURE	8mm ID hose or G 1/4 LH
EFV	Auto 90% Flow cut off



CODE	A500IS – P013	CARTRIDGE
DESCRIPTION	Cartridge Regulator	
CAPACITY	0.8 kg per hour	
OUTLET PRESSURE	28 mbar	
NOZZLE PRESSURE	8mm ID hose or G 1/4 LH	
EFV	Auto 90% Flow cut off	



CODE	A512IS – P019
DESCRIPTION	Camping Regulator
CAPACITY	1.5 Kg per hour
OUTLET PRESSURE	28 mbar
NOZZLE PRESSURE	8mm ID hose or G 1/4 LH
EFV	Auto 90% Flow cut off



CODE	A512ISP-P019
DESCRIPTION	Camping Regulator
CAPACITY	1.5 Kg per hour
OUTLET PRESSURE	28 mbar
NOZZLE PRESSURE	8mm ID hose
EFV	Manual 100% Flow cut off



CODE	A512ISP – PM019
DESCRIPTION	Camping Regulator
CAPACITY	1.5 Kg per hour
OUTLET PRESSURE	28 mbar
NOZZLE PRESSURE	8mm ID hose
EFV	Manual 100% Flow cut off
MANOMETER	Leak Test Flow Gas Level Indication



### Adaptors

CODE	A900 104
DESCRIPTION	Camping Gas / Needle value M16xG8



CODE	A900 079
DESCRIPTION	Camping Gas / Needle value M16xG 3/8" LH



CODE	A900 -317
DESCRIPTION	Camping Gas / Needle value M16xG12



CODE	C121 002
DESCRIPTION	Clip on Adaptor 21mm non regulating



CODE	C127 005
DESCRIPTION	Clip on Adaptor 27mm non regulating



CODE	C236IS 009
DESCRIPTION	Click on Adaptor 35mm non regulating 1/2" RH



CODE	C236IS 001
DESCRIPTION	Click on Adaptor 35mm non regulating G8 W21,8



## Caravan Regulators

This range of Caravan and Motorhome regulators conform to European Standard EN16129. In order to allow the same regulator to be used in caravans and motor homes throughout Europe regardless of the gas type. EN12864/EN16129 Standard established a common working pressure of 30mbar. All new caravans and motorhomes manufactured since 2004 has been fitted with a regulator conforming to this standard. This range of bulk mounted regulators conforms fully to en 16129 and incorporated all available safety devices. They have universal M20 inlet connection and are available with 8mm or 10 mm compression outlets. They are fully interchangeable with other regulators on the market. This range includes a unique 90 degree configuration on the hose, ideal for tight spaces and also the most compact automatic changeover regulator available in the UK.

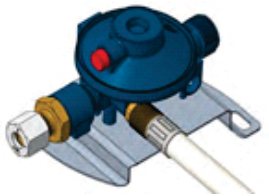
**\*THESE REGULATORS COME WITH A 5 YEAR LIMITED WARRANTY\***

ALL CARAVAN REGULATORS HAVE: Plastic or Steel Bracket

CODE	A333I 001
DESCRIPTION	30mb Regulator W20 x 8mm Compression
	With Test point and PRV Stainless Steel internal parts
	EN16129 D/M



CODE	A333I 003
DESCRIPTION	30mb Regulator W20 x 10mm Compression



Regulators below have: Acc En1949 Compliant  
Allows use of LPG during driving: EFV with Manual 100% cut off

CODE	A333IEP 001
DESCRIPTION	30mb Regulator W20 x 8mm Compression



CODE	A333IEP 003
DESCRIPTION	30mb Regulator W20 x 10mm Compression



Regulators below have:  
EFV with Manual 100% cut off; Manometer: Leak Test & Low Level Indication

CODE	A333IEP – PM001
DESCRIPTION	30mb 90 Regulator W20 x 8mm Compression



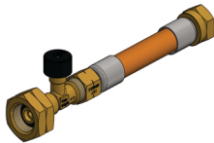
CODE	A333IEP – PM003
DESCRIPTION	30mb 90 Regulator W20 x 10mm Compression





HOSE FOR A333i Series

CODE	S006 HP 450 - 001
DESCRIPTION	30mb 90 Regulator W20 x 10mm Compression



CODE	S006 HP9 450 - 001	IMAGE MISSING
DESCRIPTION	30mb Changeover 2 x W20 x 8mm Compression	

CODE	S006 HP 750 - 001
DESCRIPTION	30mb Changeover 2 x W20 x 10mm Compression



CODE	S006 HP 450 - 004
DESCRIPTION	30mb Changeover 2 x W20 x 10mm Compression



CODE	S006 HP 9 450 - 004	IMAGE MISSING
DESCRIPTION	30mb Changeover 2 x W20 x 10mm Compression	



CODE	S006 HP 750 - 004	IMAGE MISSING
DESCRIPTION	30mb Changeover 2 x W20 x 10mm Compression	



4kg Regulators

CODE	A400 - 038
DESCRIPTION	4 Kg Propane Regulator
CAPACITY	4 Kg per hour
INTLET PRESSURE	20 bar
OUTLET PRESSURE	37 mbar
OUTLET	3/8 BSP RH with 8mm nozzle



CODE	A400 - M038
DESCRIPTION	Propane Regulator
CAPACITY	4 Kg per hour
INTLET PRESSURE	20 bar
OUTLET PRESSURE	37 mbar
INLET	MPOL Connection
OUTLET	3/8 BSP RH with 8mm nozzle
MANOMETER	Leak Test and Low Level Induction



CODE	A410 - 037 Butane
DESCRIPTION	Butane Regulator
CAPACITY	4 Kg per hour
INTLET PRESSURE	20 bar
OUTLET PRESSURE	28 mbar
OUTLET	3/8 FBSP for Ireland



CODE	A410 - M037 Butane
DESCRIPTION	Butane Regulator
CAPACITY	4 Kg per hour
INTLET PRESSURE	20 bar
OUTLET PRESSURE	28 mbar
OUTLET	3/8 FBSP for Ireland
MANOMETER	Leak Test and Low Level Induction



CODE	A425
DESCRIPTION	4 Kg Regulator complete with hose W20 x POL 20
CODE	A425 005
DESCRIPTION	4 Kg Regulator complete with hose W20 x POL 20
	With Manual Change Over Valve
CODE	A425
DESCRIPTION	2 Stage Set with Bracket and nanometer



### Regulators Kits

CODE	A121IS - SET
DESCRIPTION	21mm clip on Regulator, 1 meter of 8mm Hose Rubber and 2 Screwed Clips. Supplied in bag with header card
CODE	A120IS - SET
DESCRIPTION	20mm clip on Regulator, 1 meter of 8mm Hose Rubber and 2 Screwed Clips. Supplied in bag with header card
CODE	A127IS - SET
DESCRIPTION	27 mbar Propane regulator, 1 meter of 8mm Hose Rubber and 2 screwed Clips. Supplied in bag with header card



CODE	A127IS- SET
DESCRIPTION	27 mbar Propane Regulator, 1 meter of 8mm Hose Rubber and 2 Screwed Clips. Supplied in bag with header card



CODE	A127ISP- SET
DESCRIPTION	27 mbar Propane Regulator, 1 meter of 8mm Hose 8mm Hose Rubber and 2 Screwed Clips. Supplied in bag with header card



\*OTHER KIT VARIATIONS ARE AVAILABLE PRICE ON REQUEST \*

### High Pressure Regulators

CODE	B320-007-B
DESCRIPTION	High pressure regulator
CAPACITY	8 Kg per hour
INTLET	2-16 bar
ADJUST	0.5-2 bar
OUTLET	3/8 LH male



CODE	B320 - 008
DESCRIPTION	High pressure regulator
CAPACITY	8 Kg per hour
INTLET	2-16 bar G8
ADJUST	0-4 bar
OUTLET	3/8 LH male



CODE	B127-00B
DESCRIPTION	High pressure regulator
CAPACITY	8 Kg per hour
INTLET	2-16 bar G8
ADJUST	0.5 -2 bar
OUTLET	3/8 LH male



CODE	B320 - M007
DESCRIPTION	High pressure regulator c/w Gauge With reinforced diaphragm
CAPACITY	Kg/h 8
INTLET	16 bar
OPERATING PRESSURE	0.5-4 bar G7
ADJUST	POL 105
OUTLET	3/8" LH
MANOMETER	Outlet Pressure Induction



CODE	A900 - 114
DESCRIPTION	Nut and nozzle 3/8 Female LH thread For High Pressure Regulators



CODE	A900 - 079
DESCRIPTION	3/8 LH Nut



CODE	A900 - 115
DESCRIPTION	8 mm Hose Tail



CODE	B2B5IS - P001
DESCRIPTION	Regulator High Pressure
CAPACITY	8kg per hour
INTLET	Click on Jumbo 35mm
ADJUST	Adjustable 0-2 BAR
OUTLET	3/8" LH



CODE	B235IS - P004
DESCRIPTION	Regulator High Pressure
CAPACITY	8kg per hour
INTLET	Click on Jumbo 35mm
ADJUST	0-2 BAR
OUTLET	8mm Nozzle



CODE	B300 -107
DESCRIPTION	Coupling
CAPACITY	8kg per hour
INTLET	Click on Jumbo 35mm
OUTLET	G12





CODE	C236IS- P011
DESCRIPTION	Coupling
CAPACITY	8kg per hour
INTLET	Click on Jumbo 35mm
OUTLET	G12



CODE	C236- P001	G2
DESCRIPTION	Coupling	
CAPACITY	8kg per hour	
INTLET	Click on Jumbo 35mm	
OUTLET	M16x1.5	



CODE	B235is-107	G2
DESCRIPTION	Coupling	
CAPACITY	8kg per hour	
INTLET	Click on Jumbo 35mm	
OUTLET	M16x1.5	



Adapter set for conversion from gas cartridge as per EN 417 to big cylinders  
POL or Click on types.  
With Check valve and 7/16 "male connection towards gas appliance.

CODE	B127-107	G2
DESCRIPTION	Coupling	
CAPACITY	8kg per hour	
INTLET	Click on Jumbo 35mm	
OUTLET	M16x1.5	



CODE	B300-108	G2
DESCRIPTION	Coupling	
CAPACITY	8kg per hour	
INTLET	Click on Jumbo 35mm	
OUTLET	M16x1.5	



Hose Clips

CODE	439-012	IMAGE MISSING
DESCRIPTION	O Clip for 8.3mm Hose	
CODE	439-010	IMAGE MISSING
DESCRIPTION	O Clip for 6.3mm Hose	
CODE	439-011	IMAGE MISSING
DESCRIPTION	O Clip for 10mm Hose	
CODE	439-016	IMAGE MISSING
DESCRIPTION	O Clip for 4.8mm Hose	
CODE	439-020	IMAGE MISSING
DESCRIPTION	9.5.12mm Screwed Hose Clip for 6.3 mm Hose	
CODE	439-021	IMAGE MISSING
DESCRIPTION	11-16 mm Screwed Hose Clip for 8.3 mm Hose	
CODE	439-022	IMAGE MISSING
DESCRIPTION	12-22 mm Screwed Hose Clip	

Brass Fittings & Washers

CODE	433-021	IMAGE MISSING
DESCRIPTION	UK POL Stem x 1/4 BSPT MALE	
CODE	433-090	IMAGE MISSING
DESCRIPTION	UK POL Nut	
CODE	433-020	IMAGE MISSING
DESCRIPTION	Butane Stem x 1/4 BSPT MALE	
CODE	433-040	IMAGE MISSING
DESCRIPTION	Butane Nut	
CODE	Wp/PS/06	IMAGE MISSING
DESCRIPTION	POL Connector x 1/4 Nozzle (use with 433-090 to make P1 connector)	
CODE	3200-3155	IMAGE MISSING
DESCRIPTION	Butane Washer	
CODE	W20 WASHER	IMAGE MISSING
DESCRIPTION	W20 Washer	
CODE	A900-115	IMAGE MISSING
DESCRIPTION	3/8 BSPT Male x 6,3 mm Nozzle	
CODE	A900-192	IMAGE MISSING
DESCRIPTION	1/4 BSPT Male x 8mm Nozzle	
CODE	BF14X7NHS	IMAGE MISSING
DESCRIPTION	1/4 BSPT Male x 6.3mm Nozzle	

Tee & Y Manifolds

CODE	A900 - 185	IMAGE MISSING
DESCRIPTION	Extended Tee male x Female x Female POL	
CODE	A900 - 167	
DESCRIPTION	Y Piece male x Female x Female POL	
CODE	A900 184	
DESCRIPTION	Y Piece male x Female x Female POL	



Wall Blocks

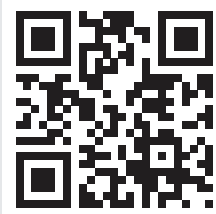
CODE	300160	IMAGE MISSING
DESCRIPTION	Single wall block W20 Inlet x POL Outlet	
CODE	300163	IMAGE MISSING
DESCRIPTION	Double wall block W20 Inlet x POL Outlet	



Brass Fittings & Washer

CODE	A900 -200	IMAGE MISSING
DESCRIPTION	UNF Tail for Barbecue	
CODE	A900 -100	
DESCRIPTION	T Connector 8mm Nozzle	
CODE	A900 V254	
DESCRIPTION	T Connector 8mm Nozzle with valve	
CODE	A900 XXX	
DESCRIPTION	X Connector 8mm Nozzle	
CODE	A900 V250	
DESCRIPTION	Straight Connector with Valve	
CODE	A900 047	
DESCRIPTION	Y Connector 8/10 mm Nozzle	
CODE	A900 224	IMAGE MISSING
DESCRIPTION	Quick release Coupling with 8mm Hose nozzle Brass Plug with 8mm Nozzle to suit	
CODE	A900 New	IMAGE MISSING
DESCRIPTION	Female W20 x Female UK POL Adaptor	
CODE	A900 265	
DESCRIPTION	W20 Tee with Non - return	





WWW.IGT-LPG.COM



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Denmark

Version 1.0.

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