

Wherever gas is used, we are there

# LPG Product Guide





# Solutions













LPG SOLUTIONS

COMPRESSED GASES

NATURAL GAS SOLUTIONS

ALTERNATIVE FUEL SYSTEMS

GAS METERING SOLUTIONS

INDUSTRIAL PROCESS MANAGEMENT

































































#### About CAVAGNA GROUP

Founded as a family-run business in 1949, the Cavagna Group is today a key industrial partner for gas companies, utility companies and OEMs, supplying them with technology for the regulation, control and metering of gases (gas for energy; industrial, medical and specialty gases; alternative fuels).

The Cavagna Group produces a wide range of products meeting international standards including:

- LPG Valves, Equipment and Regulators
- Engineering and Services dedicated to the LPG industry
- ASME, Fork Lift and Motor Fuel Tank Valves
- Natural Gas regulators for domestic and industrial use
- Gas meters
- Compressed Gases Cylinder Valves
- Specialty Gases Cylinder Valves
- Refrigerant Gases Cylinder Valves
- Regulation Equipment for Industrial Gases
- Regulation Equipment for Medical Gases
- Comprehensive Range of Welding, Cutting Equipment
- CNG H<sub>2</sub> AUTOGAS cylinder valves and filling valves
- CNG AUTOGAS systems

The Group's design engineers and laboratory technicians closely cooperate with worldwide regulatory institutions, both in the writing of international performance standards and in the creation of new products.

The Cavagna Group of companies has invested heavily in personnel, individual training, and robotic technology to meet the quality standards required by our customers and the 150 countries we serve.

#### **About CAVAGNA GROUP UK**

Cavagna has been a trusted supplier in the UK and Irish market for over 20 years, with our centrally located warehouse able to dispatch over £2 million worth of stock on a next day delivery basis. We stock a wide selection of LPG and compressed gas products ranging from valves, regulators and our Greengear product range to name but a few. Cavagna UK is your one stop shop for all your gas equipment needs.

We trust you find what you are looking for through the following pages but if there is anything you cannot find or need something out of the ordinary, please do not hesitate to give us a call.



# COVOGHAGOUP

# herever gas is used, we are the

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# Part No. 6314905048

20 mm Butane 28 mbar x 8 mm Nozzle 1.3 Kg/h





### Part No. 6314905112

21 mm Butane 28 mbar x 8 mm Nozzle 1.3 Kg/h



27 mm Propane 37 mbar x 8 mm Nozzle (Patio Gas) 1.5 Kg/h





# **Adaptors**

**Part No. 5111905015** 20 mm Clip On x 21.8 mm Butane - Straight

**Part No. 5111905018** 21 mm Clip On x 21.8 mm Butane - Straight

Part No. 5111905009 27 mm Clip On x 21.8 mm Butane - Horizontal





**Part No. 5111905038** 27 mm Clip On x 21.8 mm Butane







Part No. 01577 Camping Gaz Connection x 21.8 mm Butane



#### Part No. 6914902029

37 mbar POL x 8 mm Nozzle 1.5 Kg/h

#### Part No. 6914902242

37 mbar POL x 8 mm Nozzle 1.5 Kg/h (Reinforced Diaphragm)

#### Part No. 6914902035

50 mbar POL x 8 mm Nozzle 1.5 Kg/h





# **Part No. 6914902134** 37 mbar Union 109

37 mbar Union 109 x 8 mm Nozzle 1.5 Kg/h

# Part No. 6914902263

Handwheel 37 mbar POL x 8 mm Nozzle 1.5 Kg/h (No spanner required)





Part No. 7314900051 37 mbar 4Kg/h POL x 3/8" BSP Female





Part No. 7314900053 37 mbar 4Kg/h W20 x 3/8" BSP Female







Part No. 7515900027 50-150 mbar 10 Position Adjustable POL 105 x 1/4" BSP Female 1.5 Kg/h



### Part No. 4219900003

Single stage regulator with resettable OPSO (21.8mm nut inlet, 3/8" BSP female outlet) 37mbar Propane 4 Kg/h





# Part No. 4219900004

Single stage regulator with resettable OPSO (POL inlet, 3/8" BSP female outlet) 37mbar Propane 4 Kg/h

#### Part No. 6914902028

28 mbar Butane x 8 mm Nozzle 1.3 Kg/h





#### Part No. 7914902701 Camping Gaz 29 mbar Threaded x 8mm Nozzle 0.8 Kg/h

#### Part No. 7314900055 28 mbar 3.2 Kg/h Butane x 3/8" BSP Female





Part No. 6822900167 28mbar 2kg/hr Butane 35mm Jumbo regulator x 8mm Nozzle outlet





Part No. 8318900010 Jumbo 35mm adapter with W21 "Butane nut" outlet







# **High Pressure Regulators**

Part No. 9114901030 Propane 1 Bar Fixed POL x 6.3 mm Nozzle 8 Kg/h





Part No. 9115901137 Propane 0.5 - 2 bar Adjustable POL x 6.3 mm Nozzle 8-12 Kg/h







Part No. 9115901151 Propane 0.5 - 4 bar Adjustable POL x 6.3 mm Nozzle 8-14 Kg/h





Part No. 9115901029 Propane 0.5 - 1 bar Adjustable 10 Position POL x 1/4" Female 8-12 Kg/h







# Part No. 9115901150

Butane 0.5 - 2 bar Adjustable 21.8 mm nut x 6.3 mm Nozzle 8-12 Kg/h





# STANDARD REGULATORS

# Low Pressure Regulator In-Line



# Part No. 7314900091

Propane 37 mbar 4 Kg/h 1/4" BSP Female x 3/8" BSP Female



Part No. N2KITEBB Butane 28 mb 3.2 Kg/h Union 109 x 3/8" BSP Female





Part No. 7041900026 Propane 37 mb 4 Kg/h POL x 3/8" BSP Female



# **Automatic Changeover Units**

Part No. 7041900017 Reca Propane 37 mb 2 Cylinders POL x 3/8" BSP Female Capacity 6 Kg/h





Part No. 7818900003 Reca Propane 37 mb 2 Cylinders POL x 1/2" BSP Female with OPSO Capacity 8 Kg/h

# Part No. 7011900019

Extension Kit. Allows 2 additional Cylinders to be connected





Part No. CAHPBUTA Propane 1 bar 8 Kg/h Butane x W20 **Automatic Changeover** 





# **Hose Assemblies**

#### Part No. 501/0027

Butane x W20 Complete with Non Return and Excess Flow (0.5 mtr 20")

#### Part No. 501/0026

Butane x W20 Complete with Non Return and Excess Flow (0.75 mtr 30")

#### Part No. 501/1060

Butane x W20 Complete with Non Return and Excess Flow (1.0 mtr 40")



#### Part No. 501/0025

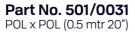
POL x W20 Complete with Non Return and Excess Flow (0.5 mtr 20")

#### Part No. 501/0024

POL x W20 Complete with Non Return and Excess Flow (0.75 mtr 30")

#### Part No. 501/1059

POL x W20 Complete with Non Return and Excess Flow (1.0 mtr 40")



Part No. 501/0030 POL x POL (0.75 mtr 30")





# Overbraided Hose Assemblies

#### Part No. 342217

3/8" Bore with 3/8" BSP x 3/8" OD Extension (36" 914 mm)





#### Part No. 342227

3/8" Bore With 3/8" OD Extension Both Ends & Straining Wire (36" 914 mm)

# Part No. 501/00270B

Butane x W20 Complete with Non Return and Excess Flow (0.5 m) Overbraided

#### Part No. 501/00260B

Butane x W20 Complete with Non Return and Excess Flow (0.75 m) Overbraided





# Overbraided Hose Assemblies

#### Part No. 501/00250B

POL x W20 Complete with Non Return and Excess Flow (0.5 m) Overbraided

#### Part No. 501/00240B

POL x W20 Complete with Non Return and Excess Flow (0.75 m) Overbraided





# ACCESSORIES

# Caravan Gas Installation Hoses



#### Part No. 1.2HP22X12

1.2 mtr High Pressure Hose BSP M x Compression (1/2" x 22 mm)

\*Minimum order quantities apply.



#### Part No. T8MM

High Pressure Orange Hose 50 mtr Roll (8 mm)

#### Part No. T6.3MM

High Pressure Orange Hose 50 mtr Roll (6.3 mm)

### Part No. ST44264

High Pressure Orange Hose 50 mtr Roll (4.8 mm)





#### Part No. ST44285

High Pressure Overbraided Hose 50 mtr Roll (8 mm)

#### Part No. ST44283

High Pressure Overbraided Hose 50 mtr Roll (6.3 mm)

#### Part No. ST44284

High Pressure Overbraided Hose 50 mtr Roll (4.8 mm)



#### Part No. 360005

1/4" BSP Male Nozzle (4.8 mm)

# Part No. 1611100102

1/4" BSP Male Nozzle (6.3 mm)

# Part No. 1611100216

1/4" BSP Male Nozzle (8 mm)



Part No. 1611100044 3/8" BSP Male x 8 mm Nozzle



# Part No. 4113900004

"T" Connector with 8 mm Nozzle form (Low Pressure)





Part No. 4113900005

W20 (20 mm x 1.5 mm) x W20 x W20 **Union Complete** with Non Return





Part No. 6802900054 POL No. 105 x Female POL x Female POL



Part No. 6602901023 11/4" ACME x 1/4" NPT Female (for Liquid Off Take Cylinders)

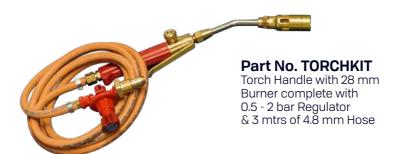




Part No. 320158 Cooker Bayonet Socket x1/2" BSP Male









# **Exact Torch Accessories**

Part No. 4701 Torch Handle with Trigger





Part No. 40803840 3/8" Left Hand Thread Nozzle (4.8 mm)

Part No. 40803860 3/8" Left Hand Thread Nozzle (6.3 mm)



# **Exact Torch Extension Tubes**







# **Exact Torch Burner Heads**

Part No. 3128 Standard Brass Burner (28 mm)





Part No. 7760 Standard Wind Stablished Burner (60 mm)

Part No. 3745 Standard Steel Burner (45 mm)

Part No. 3750 Standard Steel Burner (50 mm)

Part No. 3760 Standard Steel Burner (60 mm)





Part No. 02105 Stove with Camping Gaz Connection





Part No. 01115 Sheet Steel Single Burner 41 x 10.5 x 42 cm



# Gas Refills & Gas Match





Part No. SC104 Gas Lighter



Part No. 950004 Refillable Flexi Gas Match



Part No. 950005 Butane 250 ml Gas Match Refill





# Flame Failure Valve & Thermocouples

Part No. 710102 Flame Failure Valve





Part No. H140-SUPER Universal Thermocouple 1mtr



#### Part No. 710206 Lightweight Thermocouple

11/4" Tip (13")

#### Part No. 710212

Lightweight Thermocouple 11/4" Tip (18")

#### Part No. 710210

Heavyweight Thermocouple 11/4" Tip (24")

### Part No. 710209

Heavyweight Thermocouple 11/4" Tip (36")

#### Part No. 710208

Heavyweight Thermocouple 4" Tip (36")

# Part No. 710211

Heavyweight Thermocouple 11/4" Tip (48")



Part No. ST28101 Twin Ear Clip (4.8 mm /13)

Part No. ST28103 Twin Ear Clip (6.3 mm/15)

Part No. ST28104 Twin Ear Clip (8 mm/17)





Part No. ST28050 Worm Drive Clip 8 mm (M00)



# Part No. 950003

Heavy Weight Cylinder Spanner





Part No. 200431 Light Weight Cylinder Spanner



# Miscellaneous Gas Equipment

Part No. ST53070 PTFE Tape





Part No. 950116 Leak Detector Spray







## Part No. **CARAVANSTANDKIT** Propane 37 mbar 6 Kg/h POL x 15 mm Compression

## Part No. **CARAVANSTANDKIT22**

Propane 37 mbar 6 Kg/h POL x 22 mm Compression

## Part No. **CARAVANSTANDKITOPSO**

Propane 37 mbar 8 Kg/h POL x 15 mm Compression with OPSO

## Part No. **CARAVANSTANDKITOPS022**

Propane 37 mbar 8 Kg/h POL x 22 mm Compression with OPSO



## Manifold Valves

Part No. 64-0003 KIT Single Manifold Valve 8 mm Inlet x 8 mm Outlet with olive and nut



## Part No. 64-0043 KIT 2-Way Manifold Valve 8 mm Inlet with 2 x 8 mm Outlet with olives and nuts



## Part No. 64-0026 KIT 3-Way Manifold Valve

8 mm Inlet with 3 x 8 mm Outlet with olives and nuts





90° Angled 30 mb 1.5kg/h W20 x 8 mm Compression with Test Point

## Part No. 4214901077

90° Angled 30 mb 1.5Kg/h W20 x 10 mm Compression with Test Point





## Part No. 4214901074

Straight 30 mb 1.5Kg/h W20 x 8 mm Compression with Test Point

## Part No. 4214901075

Straight 30 mb 1.5Kg/h W20 x 10 mm Compression with Test Point



30 mb 1.5Kg/h 2 Way Auto Changeover 2 x W20 x 8 mm Compression with Test Point

## Part No. 7011900333

30 mb 1.5Kg/h 2 Way Auto Changeover 2 x W20 x 10 mm Compression with Test Point







## Filler & Vapor Tank Valves

## Part No. 6602900221

90° Angle Filler & Isolation V Inlet: 11/4" NPT Male Outlet: 13/4" ACME Male





## Part No. 6704900681

Vertical Filler & Isolation Valve Inlet: 11/4" NPT Male Outlet: 13/4" ACME Male



Vapour Valve Inlet: 3/4" NPT Male. Outlet: US POL Female



## Filler & Vapor Tank Valves

Part No. 6602901107 Straight Double filler valve with OPD 265mm

Part No. 6602901385 Straight filler valve with OPD 330mm

Part No. 6602901386 Straight filler valve with OPD 364mm





Part No. 6602901387 Angled filler valve with OPD 126mm)

Part No. 6602901388 Angled filler valve with OPD 170mm

Part No. 6602901389 Angled filler valve with OPD 198mm



Part No. 7200900110 Liquid Off Take Valve

3/4" NPT Male x 1.5/8" 12 UN-2A

## Part No. 7200900111 Liquid Off Take Valve 11/4" NPT Male x 1.5/8" 12 UN-2A





Part No. 6901900038 Liquid Off Take Valve 3/4"



**Liquid Off Take Valves** 

Part No. 6901900040 Liquid Off Take Valve 1.1/4"





Part No. 6704901073 Bottom Mounted Multi Valve for Liquid Withdrawal



Combo Valve Inlet: 11/2" NPT

\*Range of diptubes and eduction tubes available







Part No.	Tank Boss Size NPT	Check Lock Type	Female Thread Parrell Metric
7101900023	1.1/4"	M36	36 x 2
7101900034	1.1/4"	535	45 x 1.5
7101900035	1.1/2"	545	45 x 1.5

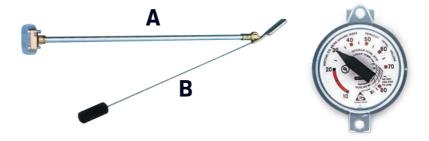


## **Pressure Relief Valve**



PRV Type	Part No.	Thread Male Metric	Setting Bar	Combined Relief m³/min	Seal Part No.
VS3614	7001900080	36 x 2	14.5	73.6	04-2588
VS367	7001900201	36 x 2	17	96.3	04-2588
25/12	7001900096	45 x 1.5	14.5	91.8 with 535 adaptor	04-2689
25/12	7001900095	45 x 1.5	17.24	110 with 535 adaptor	04-2689
25/12	7001900096	45 x 1.5	14.5	109.6 with 545 adaptor	04-2689
25/12	7001900095	45 x 1.5	17.24	125.7 with 545 adaptor	04-2689





Part No.	Series No.	Dimension A	Dimension B	Approx Tank Diameter
550601	601	364 mm	308 mm	700 mm
550604	604	512 mm	456 mm	1000 mm
550606	606	612 mm	535 mm	1200 mm
550608	608	709 mm	617 mm	1400 mm
550611	611	320 mm	272 mm	600 mm
550623	623	692 mm	452 mm	1000 mm + 180 mm
550624	624	780 mm	535 mm	1200 mm + 180 mm



## 1st & 2nd Stage Tank Regulators

## Part No. 7812900029

1st and 2nd stage regulator with OPSO/UPSO + Safety. 37mbar, 10.5kg/hr. 1/4" inlet by 3/4" female outlet





## Part No. 7812900030

1st and 2nd stage regulator with OPSO/UPSO and Safety. 75mbar, 10.5kg/hr. 1/4" inlet by 3/4" female outlet



1st stage regulator adjustable with OPSO and safety. 0.5-2 bar, 150 kg/hr. 3/4" female inlet by 3/4" female outlet





## Part No. 7011900471

1st stage regulator fixed with OPSO and safety. 0.75 bar, 40kg/hr. 1/4" inlet by 3/4" female outlet

## Part No. 9012900097

1st stage regulator adjustable. 0.5-2 bar, 40kg/hr. 1/4" inlet by 3/8" female outlet





1st stage regulator fixed. 1 bar, 26kg/hr. POL inlet by 3/8" female outlet



## Part No. 9014900084

1st stage regulator fixed. 0.75 bar, 40kg/hr. 1/4" inlet by 3/8" female outlet

## Part No. 9014900086

Waterproof 1st stage regulator fixed 0.75 bar, 40kg/hr 1/4" inlet by 3/8" female outlet



1st stage regulator adjustable balanced with gauge. 1-3 bar, 150kg/hr. 3/4" inlet by 3/4" female outlet





2<sup>nd</sup> stage regulator fixed with OPSO + Safety. 75mbar 60kg/hr. 3/4" inlet by 1" outlet.

## Part No. 4618900022

2<sup>nd</sup> stage regulator fixed with OPSO/ UPSO + Safety. 37mbar 60kg/hr. 3/4" inlet by 1" outlet.

## Part No. 4618900024

2<sup>nd</sup> stage regulator fixed with OPSO + Safety 75mbar 60kg/hr. 3/4" inlet by 1" outlet. Vent 90°

## Part No. 4618900025

2<sup>nd</sup> stage regulator fixed with OPSO/UPSO + Safety. 37mbar 60kg/hr. 3/4" inlet by 1" outlet. Vent 90°



## Part No. 7811900031

2<sup>nd</sup> stage regulator fixed with OPSO + Safety. 75mbar 10.5kg/hr. 1/2" inlet by 3/4" outlet.

## Part No. 7811900032

2<sup>nd</sup> stage regulator fixed with OPSO/ UPSO + Safety. 37mbar 10.5kg/hr. 1/2" inlet by 3/4" outlet.

## Part No. 7811900033

2<sup>nd</sup> stage regulator fixed with OPSO/ UPSO + Safety. 37mbar 10.5kg/hr. 1/2" inlet by 3/4" outlet. Vent 90°

## Part No. 7811900035

2<sup>nd</sup> stage regulator fixed with OPSO + Safety. 75mbar 10.5kg/hr. 1/2" inlet by 3/4" outlet. Vent 90°





Fixed OPSO with Safety. Set at 2.7bar. 3/4" female inlet by 3/4" female outlet



## Part No. 4419900019

Stabilizer with UPSO + Safety. 37mbar 12kg/hr. 3/4" female inlet by 3/4" female outlet

## Part No. 06M2350005

Balanced regulator with OPSO + Safety. 75mbar 125kg/hr. 1" female inlet by 1" female outlet.

## Part No. 06M2350006

Balanced regulator with OPSO/ UPSO and Safety. 37mbar 125kg/hr. 1" female inlet by 1" female outlet.





Part No. 1611900228 Pol Line fitting kit (straight)





**Part No. 1611900229** Pol 90° fitting kit

Part No. 1611900230 Kit Y Filter





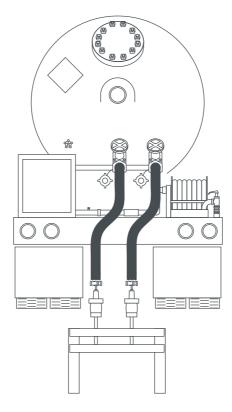
Part No. 1711900005 Bracket kit type 46

Part No. 1711900006 Bracket kit type 78



# TANKER EQUIPMENT





- Internal Valves
- Actuators
- Gauges
- Excess Flow Valves
- Hose End Valves
- Relief Valves
- Globe & Angle Valves

<sup>\*</sup>For more information please contact the Cavagna UK office





## **Spring Loaded Pressure Regulators**

## Type S21

Regulator capacity: from 550 to 14,400 kg/hr. Inlet pressure ranges: from 30mbar to 20 bar. Outlet pressure ranges: from 15mbar to 4 bar.



## Type S22

Regulator capacity: from 550 to 14,400 kg/hr. Inlet pressure ranges: from 30mbar to 20 bar. Outlet pressure ranges: from 15mbar to 4 bar.

## Type S23

Regulator capacity: from 550 to 14,400 kg/hr. Inlet pressure ranges: from 30mbar to 20 bar. Outlet pressure ranges: from 15mbar to 4 bar.







## Ultrasonic Smart Gas Meter

PRODIGI UK1 - 99F3900032 LPG LoRaWAN Extended Range

PRODIGI UK2 - 99F3900034 LPG NB-IoT Extended Range

PRODIGI UK3 - 99F3900030 LPG GPRS 2G Extended Range



- Ultrasonic flow sensor
- Step-motor valve
- Remote monitoring
- A familiar customer interface similar to other utilites
- More control to overall storage efficiency



Accuracy Class	1,5	
Max Operating Pressure	0,3 bar	
Working Temperature	-25°C ÷ +55°C	
Load loss	≤ 2 mbar	
Humidity	95%	
Connection threads	1" BSP	
Casing Material	Stainless Steel	
Protection Grade	IP65	
Communication protocol	in accordance with UNI TS 11291-11/-12 DLMS/COSEM	
Battery Life	Metrologic battery: 15 years	





Part No. PGEPRT03002 3KW LPG Powered Generator









## Open a Credit Account

Credit Account can be approved within 24 hours.

## Credit Card

Cavagna Group UK accepts the following credit & debit cards:





## Easy ordering



Our Sales Office is open from:

8:30 am to 5:00 pm Mon -Thurs 8:30 am to 3:00 pm Fri **Telephone +44 01332 875878** 



Send via our Email address:

sales@uk.cavagnagroup.com info@greengearglobal.com



Send your order to:

Cavagna Group UK Ltd, 24 Longmoor Lane, Breaston, Derbyshire DE72 3BB



If you want to discover the Cavagna Group's full product range and to be updated on the latest Cavagna Group UK news, you can:



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Catalogues

Contact us at sales@uk.cavagnagroup.com if you want to have a look at our catalogues.



Wherever gas is used, we are there



# Quality Management System to ISO 9001 standard

#### Quality: our prerogative!

Registration to ISO 9001 standards is for us not only a certificate. Our policy is to achieve the outmost customer satisfaction, through the effectiveness of our Quality Management Systems and through continuous improvement to suit the dymamic Customers' expectations. Cavagna Group's Environment Management System is certified in compliance with the international standard ISO 14001.

Personnel involvement, training and motivation are few of the elements that we rely on to achieve quality from each person and from each process.

#### Quality: our "must"








## STANDARD TERMS & **CONDITIONS OF SALES (Cash Sale)**

## 1. INTERPRETATION

- (a) "Buyer" means the person who buys or agrees to buy the Goods from the Seller.
- (b) "Conditions" means these Terms and Conditions of sale.
  (c) "Goods" means the articles which the customer agrees to buy from the Seller.
- (d) "Seller" means Cavagna UK Limited or any of its subsidiaries or other members of the Cavagna Group which agrees to sell Goods to the Buyer as the context requires.

#### 2. GENERAL

All goods are supplied by the Seller subject to these Conditions and no variations are accepted unless stated in writing and signed by an authorised signatory.

Unless previously withdrawn or otherwise specified by us in writing - our quotations are open for acceptance within 60 days from the date on which they are made.

#### 4. QUOTATIONS AND ORDERS

- (a) Any quotation given by the Seller which is an invitation to treat is based on prices current at the time it is given and shall remain open for a period of a minimum of 60 days unless previously withdrawn by the Seller.
- (b) Unless otherwise agreed in writing all prices are quoted ex UK Works.
- (c) All prices quoted are exclusive of Value Added Tax.
- (d) The Seller reserves the right at any time prior to delivery of the Goods to adjust the price to take account of any increases in the costs to it of materials, labour or services or any exchange rate fluctuations.
- (e) All cancellations of order must be confirmed in writing.

#### 5. PAYMENT

For a sale agreed without a credit account - payment will be due as soon as we notify the customer that the Goods are ready for despatch. The Goods will not be shipped until payment has been received in full and cleared.

#### 6. DELIVERY

- (a) In all cases dates quoted by us for delivery are subject to Confirmation by us on receipt of an official order.
- (b) The Seller shall not be liable for any loss whatsoever or howsoever arising caused by non-delivery of Goods or by failure to deliver the Goods on the date quoted.
- (c) The Seller reserves the right to make delivery by installments and to tender a separate invoice in respect of each
- (d) The Seller also reserves the right to withhold delivery of part or all of the Goods: -
- (i) If at any time when delivery is due there shall be any outstanding invoice issued by the Seller to the Buyer which has not been paid in full in accordance with the provisions of clause 5 payment terms.
- (ii) If the Seller has bona fide doubts about the solvency of the Buyer.
- (e) The Buyer must notify the Seller of any special delivery instructions (e.g. alternative Delivery addresses or unusual opening/delivery acceptance hours). The Buyer shall be liable for all additional costs incurred in the event of nonnotification.
- (f) The Buyer must notify the Seller in writing within 7 days where there has been a non-delivery or short-delivery of Goods
- (g) Delivery is deemed to have been effective when the Goods leave the premises of the Seller.

#### 7. TITLE & RISK

- (a) Risk in the Goods shall pass to the Purchaser at the time of delivery when the Goods leave the premises of the
- (b) Notwithstanding the passing risk in accordance with the clause 7a title in the Goods shall not pass to the Buyer until payment has been received by the Seller for all Goods and for all other amounts outstanding from the Buyer to the Seller on any account whatsoever.
- (c) The Buyer is hereby licensed by the Seller to use or to agree to sell the Goods subject to the express condition that the Buyer's power of sale and use shall automatically cease if the Buyer has a petition presented for its winding-up or has a Receiver appointed or becomes bankrupt or insolvent.
- (d) Upon determination of the Buyer's power of sale and use pursuant to Clause 7c the Buyer shall place unsold Goods in its possession or under its control at the disposal of the Seller and the Buyer hereby authorises the Seller using such force as may be reasonably necessary to enter upon the premises of the Buyer for the purpose of removing such Goods for re-sale or otherwise.

#### 8. DEFECTIVE GOODS

(a) The Buyer is under a duty to carry out whatever tests and inspections it deems necessary in order to ascertain



# STANDARD TERMS & CONDITIONS OF SALES (Cash Sale)

g-----, ...

#### Goods found to be defective.

(b) Subject to the Buyer complying with the provisions of Clause 8a the Seller will replace or credit for all Goods so found to be defective but otherwise shall not be deemed responsible nor have any liability whatsoever or howsoever arising from such defects.

#### 9. RETURNING GOODS

- (a) When returning Goods the following information should be stated: -
- (i) The reason for return.
- (ii) The invoice details.

Fáilure to provide this information will delay or may even prevent the appropriate credit being issued.

(b) Any non-conforming Goods will be tested prior to credit or replacement.

(c) Goods ordered in error and subsequently returned will be subject to a 10% handling charge.

#### 10. LIABILITY

(a) Nothing in Clause 10 shall be deemed to exclude or restrict the Sellers liability for death or personal injury resulting from negligence.

(b) The Seller is able to undertake additional liability in exchange for a higher price.

(c) The Seller shall not be in any way liable for any consequential or indirect loss suffered by the Buyer whether this loss arises from a breach of duty in contract or tort or in any other way (including loss arising from the Seller's negligence).

(d) Non exhaustive illustrations of consequential or indirect loss would be loss of profits, loss of contract, loss of extraneous equipment or gas, damage to property of the Buyer or anyone else and personal injury to the Buyer or anyone else (except so far as such injury is liable to the Seller's negligence).

(e) The Seller's total liability for any one claim for the total of all claims arising from any one act or default of the Seller (whether rising from the Sellers negligence of otherwise) shall not exceed the contract price of the Goods.

#### 11. INTELLECTUAL PROPERTY RIGHTS

(a) The Seller shall not be liable for the infringement of any intellectual property rights arising from: -

(i) Compliance with the Buyer's design specification or instruction except to the extent that the infringement arises from the manufacturing process employed by the Seller; or

(ii) Any combination of the Goods with any other product whether or not supplied by the Seller or any other method or process in which the Goods be used.

#### 12. FORCE MAJEURE

(a) The Seller shall not be liable for any failure to deliver the Goods arising from circumstances outside the Seller's control.

(b) Non - exhaustive illustrations of such circumstances would be an act of God, war, hostilities, riot, civil commotion, explosion, abnormal weather conditions, fire, flood, accidents, strikes, lock-outs, or industrial action, Government action or regulations (UK or otherwise), delay by suppliers or breakdown of transport or machinery.

(c) Should the Seller be prevented from delivering in the above circumstances it shall give the Buyer written notice of this fact as soon as reasonably practicable after discovering it.

(d) If the circumstances preventing the delivery are still continuing three months later after the Buyer receives Sellers notice then either party may give written notice to the other canceling this contract.

(e) If the contract is pursuant to the above clause the Seller will refund any payment which the Buyer has already made on Account the Seller will not be liable to compensate the Buyer for any further loss or damage caused by the failure to deliver.

#### 13. VARIATION

(a) The Seller reserves the right to vary the design or construction of Goods manufactured by it at any time prior to delivery provided that such variation does not substantially alter the performance or specification of the Goods.

(b) All Goods are sold by description and not by sample, even when samples have been provided.

#### 14. SALES LITERATURE

Whilst the Seller takes every precaution in the preparation of its catalogues, technical circulars, price lists and other literature these documents are for the Buyer's general guidance only and the particulars contained therein shall not constitute representations by the Seller and the Seller shall not be bound thereby.

#### 15. EXPORT

The Buyer shall ensure that it holds all necessary permits, licenses and clearances for any Goods that are to be exported outside the United Kingdom.

#### 16. NOTICES

The Buyer shall give notice to the Seller of the change or acquisition of any address or telex facsimile or similar number at the earliest possible opportunity but in any event within 48 hours of such change or acquisition.



## STANDARD TERMS & CONDITIONS OF SALES (Credit Account)

#### 1. INTERPRETATION

- (a) "Buyer" means the person who buys or agrees to buy the Goods from the Seller.
- (b) "Conditions" means these Terms and Conditions of sale.
- (c) "Goods" means the articles which the customer agrees to buy from the Seller.
  (d) "Seller" means Cavagna UK Limited or any of its subsidiaries or other members of the Cavagna Group which agrees to sell Goods to the Buyer as the context requires.

#### 2. GENERAL

All goods are supplied by the Seller subject to these Conditions and no variations are accepted unless stated in writing and signed by an authorised signatory.

#### 3. ACCEPTANCE

Unless previously withdrawn or otherwise specified by us in writing - our quotations are open for acceptance within 60 days from the date on which they are made.

#### 4. QUOTATIONS AND ORDERS

- (a) Any quotation given by the Seller which is an invitation to treat is based on prices current at the time it is given and shall remain open for a period of a minimum of 60 days unless previously withdrawn by the Seller.
- (b) Unless otherwise agreed in writing all prices are quoted ex UK Works. (c) All prices quoted are exclusive of Value Added Tax.
- (d) The Seller reserves the right at any time prior to delivery of the Goods to adjust the price to take account of any increases in the costs to it of materials, labour or services or any exchange rate fluctuations.
- (e) All cancellations of order must be confirmed in writing.

#### 5. PAYMENT

(a) Subject to satisfactory trade references a credit account may be opened by the Buyer and in all cases – unless an agreement is made in writing to the contrary - payment is due nett monthly. In the case of credit account customers punctual payment is a condition precedent to further deliveries and in no case is any deduction allowed.
(b) Any sale agreed without a credit account – payment will be due as soon as we notify the customer that the Goods

are ready for despatch. The Goods will not be shipped until payment has been received in full and cleared.

- (a) In all cases dates quoted by us for delivery are subject to Confirmation by us on receipt of an official order.
- (b) The Seller shall not be liable for any loss whatsoever or howsoever arising caused by non-delivery of Goods or by failure to deliver the Goods on the date quoted.
- (c) The Seller reserves the right to make delivery by installments and to tender a separate invoice in respect of each
- (d) The Seller also reserves the right to withhold delivery of part or all of the Goods:
- (i) If at any time when delivery is due there shall be any outstanding invoice issued by the Seller to the Buyer which has not been paid in full in accordance with the provisions of clause 5 payment terms.
- (ii) If the Seller has bona fide doubts about the solvency of the Buyer.
- (e) The Buyer must notify the Seller of any special delivery instructions (e.g. alternative Delivery addresses or unusual opening/delivery acceptance hours). The Buyer shall be liable for all additional costs incurred in the event of nonnotification.
- (f) The Buyer must notify the Seller in writing within 7 days where there has been a non-delivery or short-delivery of
- (g) Delivery is deemed to have been effective when the Goods leave the premises of the Seller.

#### 7. TITLE & RISK

- (a) Risk in the Goods shall pass to the Purchaser at the time of delivery when the Goods leave the premises of the Séller.
- (b) Notwithstanding the passing risk in accordance with the clause 7a title in the Goods shall not pass to the Buyer until payment has been received by the Seller for all Goods and for all other amounts outstanding from the Buyer to the Seller on any account whatsoever.
- (c) The Buyer is hereby licensed by the Seller to use or to agree to sell the Goods subject to the express condition that the Buyer's power of sale and use shall automatically cease if the Buyer has a petition presented for its winding-up. or has a Receiver appointed or becomes bankrupt or insolvent.
- (d) Upon determination of the Buyer's power of sale and use pursuant to Clause 7c the Buyer shall place unsold Goods in its possession or under its control at the disposal of the Seller and the Buyer hereby authorises the Seller using such force as may be reasonably necessary to enter upon the premises of the Buyer for the purpose of removing such Goods for re-sale or otherwise.

#### 8. DEFECTIVE GOODS

(a) The Buyer is under a duty to carry out whatever tests and inspections it deems necessary in order to ascertain



## STANDARD TERMS & **CONDITIONS OF SALES (Credit Account)**

whether or not any of the Goods are defective as a result of the faulty design, manufacture, materials or workman ship of the Seller within 7 days of receipt by it and to immediately notify the Seller in writing of the quantity of Goods

(b) Subject to the Buyer complying with the provisions of Clause 8a the Seller will replace or credit for all Goods so found to be defective but otherwise shall not be deemed responsible nor have any liability whatsoever or howsoever arising from such defects.

#### 9. RETURNING GOODS

- (a) When returning Goods the following information should be stated: -
- (i) The reason for return.

Failure to provide this information will delay or may even prevent the appropriate credit being issued.

(b) Any non-conforming Goods will be tested prior to credit or replacement.

(c) Goods ordered in error and subsequently returned will be subject to a 10% handling charge.

#### 10. LIABILITY

(a) Nothing in Clause 10 shall be deemed to exclude or restrict the Sellers liability for death or personal injury resulting from negligence

(b) The Seller is able to undertake additional liability in exchange for a higher price.
(c) The Seller shall not be in any way liable for any consequential or indirect loss suffered by the Buyer whether this loss arises from a breach of duty in contract or tort or in any other way (including loss arising from the Seller's negligence).

(d) Non exhaustive illustrations of consequential or indirect loss would be loss of profits, loss of contract, loss of extraneous equipment or gas, damage to property of the Buyer or anyone else and personal injury to the Buyer or anyone else (except so far as such injury is liable to the Seller's negligence). (e) The Seller's total liability for any one claim for the total of all claims arising from any one act or default of the Seller

(whether rising from the Sellers negligence of otherwise) shall not exceed the contract price of the Goods.

#### 11. INTELLECTUAL PROPERTY RIGHTS

(a) The Seller shall not be liable for the infringement of any intellectual property rights arising from: -

(i) Compliance with the Buyer's design specification or instruction except to the extent that the infringement arises from the manufacturing process employed by the Seller; or

(ii) Any combination of the Goods with any other product whether or not supplied by the Seller or any other method or process in which the Goods be used.

#### 12. FORCE MAJEURE

(a) The Seller shall not be liable for any failure to deliver the Goods arising from circumstances outside the Seller's control.

(b) Non - exhaustive illustrations of such circumstances would be an act of God, war, hostilities, riot, civil commotion, explosion, abnormal weather conditions, fire, flood, accidents, strikes, lock-outs, or industrial action, Government action or regulations (UK or otherwise), delay by suppliers or breakdown of transport or machinery.

(c) Should the Seller be prevented from delivering in the above circumstances it shall give the Buyer written notice of this fact as soon as reasonably practicable after discovering it.

(d) If the circumstances preventing the delivery are still continuing three months later after the Buyer receives Sellers

notice then either party may give written notice to the other canceling this contract. (e) If the contract is pursuant to the above clause the Seller will refund any payment which the Buyer has already

made on Account the Seller will not be liable to compensate the Buyer for any further loss or damage caused by the failure to deliver.

#### 13. VARIATION

(a) The Seller reserves the right to vary the design or construction of Goods manufactured by it at any time prior to delivery provided that such variation does not substantially alter the performance or specification of the Goods.

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#### 16. NOTICES

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# WARRANTY AND LIABILITY CONDITIONS (Not Valid for USA and Canada)

#### 1 - Compliance of the brand new products

The original seller of the brand new product (hereinafter referred to as Product) hereby warrants that the Product corresponds in quantity, quality, and type as specified in the sales contract (or, if missing, in the order's confirmation) for the Product and that the Product is without defects that could render it unfit for the use to which it is intended. The original seller of the Product is identified on the invoice for the Product and is referred to herein as the "Warrantor."

#### 2 - Extent of the guarantee

The warranty is limited only to defects in a) the design of the Product, b) the materials in the Product or c) the construction of the Product, which can be attributed to the Warrantor. The warranty does not apply in the case where the buyer is unable to prove correct storage and maintenance of the brand new products, or in the case the buyer has modified the Product without the prior written agreement of the Warrantor.

Furthermore, the Warrantor is not liable for defects in the brand new product due to the normal wear and deterioration of those parts of the Product, which by their nature, are subject to rapid and continuous wear and tear (e.g.: lining, etc.).

In general, in no case shall the Warrantor be liable for defects in compliance that arise after the transfer of risk or possession of the Product to the buyer has taken place.

The warranty is valid only when the brand new products are installed, used and maintained in conformity with the warrings and instructions provided by the Warrantor in the instruction manual or other Product literature and in conformity with the applicable laws, standards or regulations existing in the location where the brand new products are used or, in the absence of any applicable laws, standards or regulations, in conformity with the best practices in the applicable industry or trade.

#### 3 - Claims

The buyer is required to check the compliance of the brand new Products and confirm the absence of flaws. The buyer should report any flaws or defects in brand new Products, in the following ways and time. Failure to properly and timely report a defect will void the warranty:

a) Claims for shortage or damages that could have been apparent from an examination of the exterior of the Product's packaging contents must be reported as soon as the brand new Products arrives at their place of destination or, in any event, , no more than 5 days after that time.

b) Claims relevant to quantity, colour, quality flaws or defects or non-compliance that the buyer should have been able to identify as soon as it took possession of the Product, must be made shortly after the time when the brand new Product arrives at its place of destination or, in any event, no more than 15 days after that time;

c) Hidden flaws, defects or non-compliance (that is, those not identifiable according to the inspection imposed by law and by the preceding subparagraphs) must be reported within 30 days after the discovery or in any event, no more than 5 years from the delivery date.

Claims must be sent by registered letter, addressed to the head office of the Warrantor and must describe in detail the alleged defect, flaw or non-compliance.

In order to preserve this warranty, the buyer must not attempt any disassembly repairs or modifications on the brand new product without the Warrantor's prior written agreement.

The buyer forfeits and waives its rights under this warranty if the buyer does not consent to every reasonable request of the Warrantor, or if after the Warrantor has requested the return of the defective brand new products at buyer's own expenses, the buyer fails to return the Product within 5 working days from the request.

In the event that the warranty claim is ultimately determined, in the sole discretion of Warrantor, to be unfounded, the buyer will reimburse the Warrantor all expenses incurred by Warrantor in evaluating the warranty claim (travel, expert valuations, transport expenses etc.).

#### 4 - Remedies

Following a report by the buyer duly made in accordance with the previous point 3, the Warrantor, within a reasonable period depending on the type of claim, may, at Warrantor's sole reasonable discretion:

a) Supply EXW to the buyer products of the same kind and quantity as those that have been proved to be defective or not in compliance with the contract; in such a case the Warrantor can require the return of the defective product, which becomes property of the Warrantor. In case of additional costs related to the replacement of a product proved to be defective or not in compliance, Warrantor and buyer shall jointly and previously agree how to apportion the costs.

b) Communicate in writing the cancellation of the contract, and offering a refund of the amount paid for the replaced product

No other cost (such as disassembling and/or reassembling of the products, transportation from/to the premises of buyer's customers, etc.) shall be charged to or paid by the Warrantor, unless previously expressly agreed in writing by the Warrantor.



## WARRANTY AND LIABILITY CONDITIONS (Not Valid for USA and Canada)

#### 5 - Limit of seller's liability

The Warranty provided herein supersedes all legal warranty for defects and compliance, and excludes any other possible liability of the Warrantor, however originating, from the brand new products supplied by Warrantor. In particular, the buyer cannot put forward another claim for compensation in respect of any further damages, request any reduction of the contract price or cancellation of the contract. Once the period of the Warranty has expired no claim can be made against the Warrantor.

In no event shall Warrantor be liable to buyer for any direct, incidental, indirect, consequential or exemplary damages, including without limitation any claim for damages based on lost revenues or profits, however caused. No exceptions to or modification of this Warranty will be permitted unless expressly and specifically defined and accepted by the parties in writing.

#### 6 - Technical regulations

As far as the brand new product characteristics and specifications are concerned, the Warrantor complies with the legislation and the technical regulations prevailing in Italy and the European Directives, unless otherwise specified in the contractual documentation (i.e. contract, order's confirmation, or invoice); The buyer assumes the risk of any difference between the European Directives plus the Italian regulations and those of the country of destination, regarding the use or installation of the Products, and indemnifies the Warrantor for any such differences it. The Warrantor guarantees the performance of brand new products of manufactured by Warrantor only and exclusively in relation to uses, destinations, applications, tolerances, capacities, etc. that have been expressly indicated by Warrantor and that are incorporated in the contractual documentation (i.e. contract, order's confirmation, invoice). The buyer is not authorised to dispose of the brand new Products supplied to him by the Warrantor in a way which does not conform to the indications described in the previous sub-paragraph and in the instructions given by Warrantor.

Where the buyer intends the said products to be resold, it shall be buyer's responsibility:

- a) to inform the purchasers of the Product from buyer of the correct specifications and uses of the Product;
- b) to grant any further periods or extended terms of any warranty provided by buyer only to buyer's purchasers that exceed the warranty granted to buyer by Warrantor according to paragraph 3.
- c) the buyer shall not grant or extend any warranty on behalf of Warrantor to any third party.

#### 7 - Personal injuries and property damages

Warrantor shall indemnify buyer from and against any and all claims, demands, losses, liabilities alleged by third parties relating to personal injuries and property damages suffered as a result of a defective product. In such event, Warrantor will exclusively be responsible within the limits, terms and conditions of the product liability insurance policy held by it (a copy of the current policy is available upon request)

policy held by it (a copy of the current policy is available upon request). In case of potential damages to third parties that may arise from a defective brand new product, the buyer and Warrantor shall work together in good faith to determine the nature and extent of the appropriate measures to be taken, including recall operations. It is understood that the costs and expenses associated with the recall or other measures shall be paid by Warrantor within the limits, the terms and the conditions set forth in Warrantor's liability insurance policy, with the exclusion of the costs connected to the locating and retrieving the Products in the market, which will be paid by the Buyer.









Wherever gas is used, we are there

# Our Global Product Brands























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# Manufacturing Facilities





## **CAVAGNA GROUP UK Ltd**

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