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Dear friends in the exciting LPG world,

When we have established the company Union Karić ltd, it was our wish to create a first enterprise in Serbia to deal with import, export, distribution and installation of LPG car conversion system in an organized way offering our customers complete service.

By the time, we have gained a wealth of experience. 140,000 LPG conversion systems sold and over 12,000 vehicles converted in our own workshop, attracted a numerous world known companies in autogas industry to entrust distributorship rights for the market of Serbia, Croatia, Bosnia and Herzegovina, Montenegro, Macedonia, Greece, Albania but also Poland, Check Republic and Slovakia.

Our mission
Being a very dynamic company, constantly improving interacting with our customers, we were able to offer the top class autogas equipment of world known manufacturers carefully following certification and quality control and warranty periods.

Union Karić ltd keeps with the strictest European quality and safety standards, thus urging autogas industry development in accordance with ecological requirements. As socially responsible company we aim to satisfy drivers to use and get benefit from LPG as both cheaper and eco-friendly fuel.

Our partners

More then 10 years in distribution & installation business UNION KARIĆ ltd has led us to be partners of the world class manufacturers like: AC SPOLKA AKCYJNA, ATIKER, TOMASETTO, APOLO, VALTEK, OMB, FLASHLUBE, FAGUMIT and others which entrusted their distributorship agreements with us for the countries of ex-Yugoslavia and worldwide.

AC SPOLKA AKCYJNA is world known Polish manufacturer of sequential systems and electronic components for autogas conversion systems.

Renowned Turkish manufacturer of LPG tanks and autogas conversion system ATIKER stands for quality and assortment of products in compliance with the toughest European standards in the field.

TOMASETTO ACHILLE is world esteemed Italian company famous for its multivalves, but also for reducers, LPG valves and accessories for autogas equipment.
CLEVER X 1 series, a new type of microprocessor with 48-pin header, for 4 cylinder engines only.
This combines advanced technology with economics.
This controller unit is confined in 114 x 35.3 x 140 aluminum case.
This way it can be easily fitted under any hood with limited space.

CLEVER X 1.04 has all the mentioned features and safety protections, ensuring outstanding quality and performance. Automatic calibration and adaptation can be done in less than 15 minutes and it takes just a few clicks to have the system fully operational. Latest software drivers will take care of the rest with adaptation system, checking and correcting injection times if necessary.

CLEVER X 3 series ECU is the new type of microprocessor driver with a traditional 56-pin header. It operates on 4, 6 and 8 cylinder engines.
Drivers can be joined and can operate up to 16 cylinder engines.
The processor is confined in a compact 190 x 30 x 125 aluminum case.
Software Driver will take care of the rest with its constant adaptation system, checking and correcting injection times if necessary.

CLEVER X 3.16 are the innovation.
More efficient processor enables more advanced features like measuring ECU’s temperature, frame freezing and faster oscilloscope and it will allow us to add more in the future. Plus the injection times are even more precise than in standard version.

CLEVER X 3 series ECU is the new type of microprocessor driver with a traditional 56-pin header. It operates on 4, 6 and 8 cylinder engines.
Drivers can be joined and can operate up to 16 cylinder engines.
The processor is confined in a compact 190 x 30 x 125 aluminum case.
Software Driver will take care of the rest with its constant adaptation system, checking and correcting injection times if necessary.

CLEVER X 3.18, versions are the innovation.
More efficient processor enables more advanced features like measuring ECU’s temperature, frame freezing and faster oscilloscope and it will allow us to add more in the future. Plus the injection times are even more precise than in standard version.
APOLO CLEVER Controller with APOLO CLEVER Gas Setting software provides the most advanced properties at the LPG systems market today, which resulting the best performances of engine driving on LPG.

Revolutionary, advanced auto calibration (auto adaptation) system which provides constant correction (adaptation) during driving!
The simplest possible software for using even you are absolute beginner in LPG/CNG business
Just click on CLEVER algorithm, start your engine, put in a first gear, drive normaly and enjoy!
APOLO CLEVER Gas Setting software will make auto adaptation of LPG system and your vehicle will reach the best possible performance driving on LPG!

The brain of the CLEVER series ECU-s is the CLEVER setting software, constantly improved to be compatible with the newest engine types.
CLEVER makes the calibration and adaptation easy in CLEVER mode, collecting and calculating the injection times and setting the system to optimal performance.
CLEVER software has also STANDARD mode that allows the user to manually set parameters.
CLEVER software is similar to most common systems on the market. Automatic adaptation is more precise and it can result in lower consumption even up to 10-15% less comparing to our competitors.
Drivers are also equipped with automatic constant adaptation system which monitors the system all the time, checking injection times every time the ignition starts. Gas injection is always at the optimum level even if petrol injection times are changing.
CLEVER drivers should be mounted with joints heading up so that the joints are easily accessible and detachable.

APOLO is a American leader and also an important worldwide manufacturer of automotive LPG / CNG systems under the brand Clever.APOLO operates on the American car market for over 3 years and is currently the most groving company in the USA and Europe area.
Products offered by Apolo are available in over 10 countries worldwide.
The key international customers are in Greece, Macedonia, Croatia, Slovenia, Poland, Russia, Ukraine, and Thailand.
The company offers a secure, cost-effective and environmentally acceptable solutions.
The main objective of following the company's customer satisfaction and superior quality innovative products.
Sequential sets

**Apolo 4 cylinders**
mini set + optional reducer

**Apolo 6 cylinders**
mini set + optional reducer

**Apolo 8 cylinders**
mini set + optional reducer

Optional reducer

http://www.unionkaric.rs/autogas_lpg_cng_reduktori.html

**SR04 SUPER**
<130 KW
Article No: SR04 3228 SUPER 3229

**ALASKA**
<100 KW
Article No: 1061

**ARTIC**
<160 KW
Article No: 1444

**ANTARTIC**
<285 KW
Article No: 3387

Note:
Sets can be extended with multi-valve of some of the manufacturers.
HHO system contributes to better engine and better fuel efficiency (gasoline or diesel), which generates significant fuel used.

This system consists of the following components:

- Generator
- The reservoir (tank) water
- Potentiometer (pulse modulator)
- Electric installation
- Hoses, filters, clamps, fuses, and check valve
  (check valves)
- Optionally the microcontroller

### HHO Gas Generator

**11 plates**

**MODEL APOLO 11 316L SS PLATES**

- Dimensions: 200 x 105 x 61 mm
- HHO gas flow: 0.8 to 1.5 lit/min
- Voltage: 12 to 30 V
- Current: 0 to 50 A
- Weight: 1.7 kg
- Purpose: for engines to 1400 ccm

**13 plates**

**MODEL APOLO 13 316L SS PLATES**

- Dimensions: 200 x 105 x 66 mm
- HHO gas flow: 0.8 to 2 lit/min
- Voltage: 12 to 30 V
- Current: 0 to 50 A
- Weight: 1.9 kg
- Purpose: for engines 1400-2000 ccm

**21 plates**

**MODEL APOLO 21 316L SS PLATES**

- Dimensions: 200 x 105 x 95 mm
- HHO gas flow: 1 to 4 lit/min
- Voltage: 12 to 30 V
- Jačina struje: 0 to 50 A
- Current: 3.2 kg
- Purpose: for engines 2000-4000 ccm

**31 plates**

**MODEL APOLO 31 316L SS PLATES**

- Dimensions: 200 x 105 x 195 mm
- HHO gas flow: 1 to 6 lit/min
- Voltage: 12 to 30 V
- Current: 0 to 70 A
- Weight: 4.5 kg
- Purpose: for engines to 6500 ccm

### Pulse Modulator

**MODEL APOLO PWM 30A**

- Dimensions: 110 x 80 x 50 mm
- Voltage: 12/24 V DC
- Current: from 0 to 30 A

- Change of current strength from 0% to 100% defined by the user.

### Microcontroller

**MODEL APOLO AC 30A**

- Dimensions: 135 x 80 x 20 mm
- Voltage: 12/24 V DC
- Current: from 0 to 30 A
- Adjustable voltage from 0% to 100% depending on RPM.
- RPM range is defined by the user by PC. Set includes a program setup.
We offer multivalves of reputable manufacturers:

**Tomasetto**
- Article No: D. 220 / 0-01- 1809
- Article No: D. 230 / 0-01- super- 2173
- Article No: D. 244 / 0-01- super- 2986
- Article No: D. 270 / 0-01- super- 2956
- Article No: D. 300 / 0-01- 2423
- Article No: D. 315 / 0-01- super- 2581
- Article No: D. 360 / 0-01- 2580
- Article No: D. 270/0-01- 2582
- Article No: D. 270/0-01- 2585
- Article No: D. 270/30-01- super- 2583
- Article No: D. 220/30-01- 2948
- Article No: D. 244/30-01- 2949
- Article No: D. 400/30-01- 2950
- Article No: D. 270/30-01- 2956
- Article No: D. 270/0-01- 2956
- Article No: D. 200/0-01- 3093
- Article No: D. 200/30-01- 990

**ATIKER**
- Article No: D. 200/30-01- super- 1662
- Article No: D. 250/30-01- super- 1663
- Article No: D. 300-30-01 super- 1664
- Article No: D. 360-30-01 super- 1666
- Article No: D. 180-30-01- 1766
- Article No: D. 220-30-01- 1767
- Article No: D. 250-30-01- 1768
- Article No: D. 180-01- 1907
- Article No: D. 200/0-01- super- 2583
- Article No: BOX for multivalve 01- 1160
- Article No: Filing unit - 2853

**APOLO**
- Article No: D. 200/0-01- 3339
- Article No: D. 220/30-01- 3341
- Article No: D. 240/30-01- 3343
- Article No: D. 180/30-01- 3344
- Article No: D. 240/250/0-01- 3345

**Classic vacuum reducer do 90 kw**
- Article No: 1061

**Classic electronic reducer up to 90 kw**
- Article No: 80kw- 1871, 100kw- 1941, 140kw- 1112, super 140kw- 1113

**Sequential reducer to 100kw**
- Article No: Sr04

**Sequential reducer from 90 to 160 kw**
- Article No: ARTIK

**Sequential reducer from 90 to 295 kw**
- Article No: ANTARTIC

We also offer reducers produced by **ATIKER**
**RAIL type IG1 - 4**
4 cylinders, 3 or 1 Ohm, Nozzles included
Article No: 3 Ohm- 2447, 2 Ohm- 2626
1 Ohm- 2627

**RAIL type IG1 - 2**
2 cylinders, 3 or 1 Ohm, Nozzles included
Article No: 2610

**HORIZON IG2 - 4 cyl.**
Pressure: 0.5 to 2.0 bar
Max Pressure: 4.5 bar
Nozzles included
Article No: 3096

**HORIZON IG2 - 2 cyl.**
Pressure: 0.5 to 2.0 bar
Max Pressure: 4.5 bar
Nozzles included
Article No: 2970

**NOUMEA IG5 - 4 cyl.**
Pressure: 0.5 to 2.0 bar
Max Pressure: 3 bar
Nozzles included
Šifra artikla: 1/3 2967

**NOUMEA IG5 - 2 cyl.**
Pressure: 0.5 to 2.0 bar
Max Pressure: 3 bar
Nozzles included
Šifra artikla: 1/3 2967

**METIS IG2 -1 cyl.**
Pressure: 0.5 to 2.0 bar
Max Pressure: 3 bar
Nozzles included

**NAMUR IG2 -1 cyl.**
Pressure: 0.5 to 2.0 bar
Max Pressure: 3 bar
Nozzles included

**TYPE 34 - 4 cyl.**
Pressure: 0.5 to 2.0 bar
Max Pressure: 4.5 bar
Nozzles included
Article No: 2364

**TYPE 30 - cyl.**
Pressure: 0.5 to 2.0 bar
Max Pressure: 4.5 bar
Nozzles included
Article No: 1048

**Injector Reparation KIT**
Includes: Piston, spring and o-ring
Article No: VALTEK kit- 1128
RAIL kit- 2628

**RAIL type IG1 - 3**
3 cylinders, 3 or 1 Ohm, Nozzles included
Article No: 2448

**HORIZON IG2 - 5 cyl.**
Pressure: 0.5 to 2.0 bar
Max Pressure: 4.5 bar
Nozzles included
Article No: 2971

**HORIZON IG2 - 3 cyl.**
Pressure: 0.5 to 2.0 bar
Max Pressure: 4.5 bar
Nozzles included
Article No: 2969

**HORIZON IG2 - 1 cyl.**
Pressure: 0.5 to 2.0 bar
Max Pressure: 4.5 bar
Nozzles included
Article No: 2610

**NOUMEA IG5 - cyl.**
Pressure: 0.5 to 2.0 bar
Max Pressure: 3 bar
Nozzles included

**NOUMEA IG5 - 1 cyl.**
Pressure: 0.5 to 2.0 bar
Max Pressure: 3 bar
Nozzles included

**NAMUR IG2 -1 cyl.**
Pressure: 0.5 to 2.0 bar
Max Pressure: 3 bar
Nozzles included

**TYPE 34 - 3 cyl.**
Pressure: 0.5 to 2.0 bar
Max Pressure: 4.5 bar
Nozzles included
Article No: 2363

**TYPE 30 - 4 cyl.**
Pressure: 0.5 to 2.0 bar
Max Pressure: 4.5 bar
Nozzles included
Šifra artikla: 1047

**H2000 / H2001 - 1 cyl.**
Pressure: to 4.0 bar
Nozzle included
Article No: 2363

**RAIL, VALTEK**
Injector coil
3 Ohm, 2 Ohm or 1 Ohm
Article No: VALTEK 3 Ohm- 1129
VALTEK 1 Ohm- 1576
RAIL 1,2,3 Ohm- 2553
**VALVE PROTECTION FLUID / 1L**

Optimizes engine output and improves combustion, while protecting your engine and valves during extreme loads. Valve Protection for Gas Vehicles protects your engine throughout the entire year.

Article No: 1 L- 3116, 0,5L- 3115

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**VALVE LUBRICATION SET**

For precise dosage of protection fluid for valves. Easy to setup and simply for use.

Article No: 3411

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**APOLO VALVE LUBRICATION SET + 1Lt Valve Protection Fluid**

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**DIESEL ANTI FREEZE 1:1000 (sa dozerom) / 250 ml**

Diesel Anti-freeze contains agents that surround the paraffin crystals, thus preventing further growth and aggregation with other crystals.

Article No: 2696

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**DIESEL PLUS 1:1000 / 250 ml**

The highly concentrated additive with diesel multifunctional active components (including biocide). Diesel plus improves ignition performance by increasing the cetane number, purges and keeps clean the fuel injectors.

Article No: 1801

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**DIESEL WINTER POWER 1:500 / 1L**

The highly concentrated diesel additive with multifunctional active components and winter power. Cetane booster: eases the cold start, increases engine performance, improves the cold start reliability of the engine during winter conditions.

Article No: 2700

---

**SYSTEM CLEANER / 200 ml**

The highly concentrated cleaning additive for injectors, reliably removes debris, especially on the intake valves as well as in the fuel and the injection system, optimizes fuel consumption and protects against corrosion. Re-enables the full engine performance.

Article No: 2698

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**STOP RADIATOR LEAK / 200 ml**

Small remedy against major repairs. Seals critical hairline cracks quickly and securely, absolutely deposit-free: reacts only where it is washed into leaks and hairline cracks and comes into contact with the outside air saves costly repairs.

Article No: 2702

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**STOP OIL LEAK / 200 ml**

A proven high-performance additive against loss of oil in leaky engines. Restores the elasticity of seals. Seals oil leaks reliably and reduces oil consumption.

Article No: 2701
"UNION KARIĆ" is the exclusive representative of famous Turkish company "Atiker" which was established 40 years ago it has 42 000 m² of working space and more than 500 employees. Distributive network of "Atiker" covers over 50 countries worldwide.

### Toroidal tanks

Distributive network of "Atiker" covers over 50 countries worldwide.

Diameter | Height | Internal filling | External filling | Full center
--- | --- | --- | --- | ---
Ø - mm | h - mm | Capacity - lt | Article No. | Capacity - lt | Article No. | Capacity - lt | Article No.
520 | 180 | 27 | 2134 | 27 | 29 | 520 | 200 | 31 | 2135 | 31 | 2148 | 33 | 520 | 225 | 35 | 35 | 35 | 38 | 520 | 240 | 38 | 38 | 41 | 520 | 250 | 39 | 39 | 42 | 520 | 270 | 43 | 43 | 46 | 550 | 180 | 31 | 1150 | 31 | 1340 | 33 | 5066 | 550 | 200 | 35 | 1151 | 35 | 1341 | 37 | 1479 | 550 | 225 | 40 | 1152 | 40 | 1346 | 43 | 550 | 240 | 43 | 43 | 46 | 550 | 270 | 49 | 49 | 3337 | 52 | 550 | 270 | 49 | 49 | 3337 | 52 | 565 | 180 | 34 | 2692 | 34 | 36 | 565 | 200 | 38 | 38 | 40 | 565 | 225 | 43 | 43 | 46 | 565 | 240 | 47 | 47 | 50 | 565 | 250 | 49 | 49 | 52 | 565 | 270 | 53 | 53 | 66 | 580 | 180 | 35 | 2137 | 35 | 3185 | 37 | 580 | 200 | 40 | 2138 | 40 | 2149 | 42 | 3436 | 580 | 220 | 45 | 3389 | 45 | 3395 | 48 | 3437 | 580 | 240 | 49 | 3390 | 49 | 3396 | 52 | 3438 | 580 | 250 | 51 | 3391 | 51 | 3397 | 54 | 3439 | 580 | 270 | 56 | 56 | 59 | 600 | 180 | 38 | 1156 | 38 | 2421 | 40 | 2199 | 600 | 200 | 43 | 1153 | 43 | 1157 | 45 | 1480 | 600 | 225 | 48 | 1154 | 48 | 1913 | 51 | 1481 | 600 | 240 | 53 | 3392 | 53 | 3398 | 56 | 3440 | 600 | 250 | 55 | 1155 | 55 | 3399 | 58 | 1914 | 600 | 270 | 60 | 1701 | 60 | 63 | 630 | 180 | 43 | 2139 | 43 | 45 | 630 | 200 | 48 | 2139 | 48 | 2150 | 50 | 3067 | 630 | 225 | 54 | 2140 | 54 | 2151 | 57 | 3441 | 630 | 240 | 59 | 2141 | 59 | 3376 | 62 | 3442 | 630 | 250 | 62 | 2450 | 62 | 3400 | 65 | 3443 | 630 | 270 | 68 | 3395 | 68 | 3401 | 71 | 3444 | 650 | 180 | 47 | 47 | 49 | 650 | 200 | 51 | 3062 | 51 | 3186 | 53 | 2200 | 650 | 225 | 59 | 3063 | 59 | 3187 | 62 | 3445 | 650 | 240 | 63 | 2620 | 63 | 3402 | 66 | 3446 | 650 | 250 | 67 | 2621 | 67 | 3403 | 70 | 3447 | 650 | 270 | 72 | 2622 | 72 | 75 | 680 | 180 | 50 | 50 | 52 | 680 | 200 | 57 | 2142 | 57 | 3308 | 59 | 680 | 225 | 65 | 3064 | 65 | 2152 | 68 | 680 | 240 | 69 | 3065 | 69 | 72 | 680 | 250 | 73 | 2143 | 73 | 76 | 680 | 270 | 79 | 2144 | 79 | 82 | 720 | 180 | 54 | 54 | 56 | 720 | 200 | 61 | 2145 | 61 | 2153 | 63 | 720 | 225 | 67 | 2146 | 67 | 2469 | 75 | 3068 | 720 | 240 | 76 | 2147 | 76 | 2492 | 79 | 720 | 250 | 80 | 80 | 83 | 720 | 270 | 89 | 2147 | 89 | 1154 | 92
### Cylindrical tanks

**Tank equipment**

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<tr>
<th>Diameter (Ø - mm)</th>
<th>Length (l - mm)</th>
<th>Capacity (lt)</th>
<th>Weight (kg)</th>
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<td>360</td>
<td>1099</td>
<td>100</td>
<td>34.3</td>
<td>2198</td>
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<tr>
<td>360</td>
<td>1203</td>
<td>110</td>
<td>37.2</td>
<td>2198</td>
</tr>
</tbody>
</table>

- **Telescope cyl. tank bracket**
  - Adjustable length
  - Article No: 1034

- **Stand for cyl. tank**
  - Short type
  - Article No: 1474

- **Stand for cyl. tank**
  - Diagonal type
  - Article No: 1476

- **Stand for cyl. tank**
  - Long type
  - Article No: 1475

- **Fastening belts set**
  - 800 x 30 mm
  - Article No: 2468

- **Filling unit**
  - with plastic plug
  - Article No: Tomasetto- 2503, Atiker- 713

- **Extended filling unit**
  - Article No: Tomasetto long- 1449, Tomasetto extra long- 1450, Atiker- 2454

- **Filling unit plastic plug**
  - Article No: M10- 897, M12- 1344

- **Fastening belt buckle**
  - Article No: 805
**Electrovalves**

- **Apolo**
  - LPG valve
    - Article No: 2452
  - Petrol valve
    - Article No: 2479
- **ATK**
  - LPG valve
    - Article No: 881
  - Petrol valve
    - Article No: 882

**Petrol/Gas switches**

- **APOLO**
  - Injection switch (automatic)
    - Article No: 2158
  - Carburetor switch (times switch)
    - Article No: 2157
- **ATK**
  - Vacuum switch
    - Article No: 883
  - Sequent switch
    - Article No: 1270

**Diafragm sets**

- Different sets of membranes for most types of traditional and sequential gearbox.

**Additional equipment**

- **Apolo**
  - Valve Protection Set
    - Article No: 3411
- **JLM Protection Set**
  - Set includes 0,4L of Saver Fluid
    - Article No: 3141
- **Spool**
  - 12 V-DC 8W, 12 V-DC 17W
    - Article No: Alaska- 1446, Tomasetto Klasik 1445, ATK gasni vent- 3349, ATK isparivač- 728
  - 12 V-DC 8W
  - 12 V-DC 17W
- **Aluminum**
  - T square
    - Article No: 2479
- **Choke spool**
  - Article No: 729
- **O-ring**
  - 3,50x136,50
  - 3,53x71,00
- **Special O-ring**
  - 47x57 (Special)
  - 47x54 multivalve
**Additional equipment**

- Pin 17W gasket of coil
- O-ring gum back metal part
- O-ring gum front metal part
- Pin spring petrol/gas
- Pin spring reducer
- Spring from the bottom
- Connection sheet iron for sequential
- Reducer of connection sheet iron
- Assembled pin 17W reducer
- Copper pipe clamp
- O-ring gum back sheet iron set
- Spring clamp
- Article No: 1442
- Filter for Copper pipe
- Multivalve float
- Article No: 1056
- Reducer gas outlet plastic
- Article No: Atiker- 770, Landi- 2446, Tomasetto: 1447
- T water connection
- Article No: 719
- Vacuum T connection 5x5x5 mm
- Article No: 1749
- Plastic adjusting screw
- 16x12, 16x16
- Plastic adjusting screw 16x12x12 mm
- Article No: 718
- Pipe connection 12x10, 12x12, 16x10, 16x12, 16x16, 19x12, 19x16, 19x19
**Coupling for copper pipe set**
Article No: 6x6mm- 2159
6x8mm- 2159, 8x8- 2456,
12x10, 12x12

**Alluminium water tee**
16x16x16, 19x16x19,
Article No: 1030

**Gas injection straw,**
Ø5 hose or Ø6 hose
Article No: 1744

**Nipple**
M10x1/G1/4-19,
M10x1/M10x1
Article No:753

**Manifold hose bolt**

**Injector nozzle**
with o-ring 1,50 mm
Article No: Valtek- 1367 Rail- 1350

**Valve set of multivalve**
M10x1/G1/4-19 ,
M10x1/M10x1
Article No: Valtek- 1367 Rail- 1350

**Tee for copper pipe set**
90 M10 x 1 / M10 x 1
Šifra artikla: 2625

**Brass elbow set**
90 M12x1/ Q10 MM
Article No: 6-8 1087

**Tee for copper pipe set**
6x6x6, 6x6x8, 8x8x6  8x8x8

**Brass elbow set**
M10x1/G1/4-19,
M10x1/M10x1

**Bolt (copper)**
Article No: 6mm- 730, 8mm- 731

**Ring**
Article No: Ø6mm- 732, Ø8mm- 733

**Filter gas phase**
Article No: 1793

**Y Filter gas phase**
Article No: 1794

**Filter gas phase with inlet for MAP sensor**
Article No: 1095

**Various types of filters for LPG valves**

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Article No. of Various LPG valve filter types:
1077 - Landi MED
1448 - Tomasetto filter seo
2206 - Lovato grid filter
1584 - Atiker filter
2669 - Apolo tray
1892 - Valtek Zavoli
### Hose Clamps

**APOLO**

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Article No:</th>
</tr>
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<tbody>
<tr>
<td>8-12</td>
<td>2629</td>
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<tr>
<td>10-16</td>
<td>2630</td>
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<tr>
<td>12-20</td>
<td>2631</td>
</tr>
<tr>
<td>16-25</td>
<td>2632</td>
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<tr>
<td>19-26</td>
<td>2633</td>
</tr>
<tr>
<td>25-40</td>
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</tr>
</tbody>
</table>

Available in packages of 2, 5, 50, and 1000 pcs.

### Plastic Ties

**APOLO**

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Article No:</th>
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<tbody>
<tr>
<td>3,6x100</td>
<td>1874</td>
</tr>
<tr>
<td>3,6x120</td>
<td>2369</td>
</tr>
<tr>
<td>3,6x150</td>
<td>2370</td>
</tr>
<tr>
<td>3,6x180</td>
<td>1875</td>
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<tr>
<td>4,8x120</td>
<td>1876</td>
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<td>4,8x160</td>
<td>1877</td>
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<tr>
<td>4,8x185</td>
<td>1878</td>
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<td>4,8x200</td>
<td>2647</td>
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<td>4,8x250</td>
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<td>4,8x400</td>
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<td>4,8x550</td>
<td>2649</td>
</tr>
<tr>
<td>9,0x700</td>
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<tr>
<td>9,0x900</td>
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</table>

One package contains 100 pcs of ties.

### Heat shrink tubes

**APOLO**

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
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<tr>
<td>Φ 3mm</td>
<td>2372</td>
</tr>
<tr>
<td>Φ 5mm</td>
<td>2373</td>
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<tr>
<td>Φ 10mm</td>
<td>2654</td>
</tr>
<tr>
<td>Φ 15mm</td>
<td>2655</td>
</tr>
<tr>
<td>Φ 25mm</td>
<td>2655</td>
</tr>
<tr>
<td>Φ 30mm</td>
<td>2656</td>
</tr>
</tbody>
</table>
We offer thermoplastic flexible hoses in accordance with the tests set out in the European standard R 67-01, diameter 8x1 mm and 6x1mm for LPG systems.

Available in Kits of 6 m rolls with connection fittings or in rolls of 50 m with fittings sold separately.

Beside covering of LPG-CNG sector we also offer a variety of copper tubes for applications such as LPG and automotive industries, civil engineering and sanitary structures. Straight lengths tubes or coils in various diameters and wall thickness according to EN and other world standards (NF,DWGV,KIWA,KITEMARK) would be suitable for use in:

Automotive industry especially LPG-CNG sector
Heat-exchanger industry (radiator and air conditioning)
Heating installations (single and double tube heating systems)
Sanitary installations (hot and cold water distribution, sewage pipelines)

<table>
<thead>
<tr>
<th>Article No: Copper pipe Ø6 x 0,8mm- 862, Copper pipe Ø6 x 0,9mm- 863</th>
<th>Article No:</th>
<th>Article No:</th>
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<tbody>
<tr>
<td>Ø4mm Vacuum- 821</td>
<td>Ø16mm Water slice- 2579</td>
<td>Ø6mm TP hose- 2389</td>
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<td>Ø5mm Gas- 1117</td>
<td>Ø16mm Water roll- 2576</td>
<td>Ø6mm TP hose- 2388</td>
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<td>Ø12mm Gas- 818</td>
<td>Ø12mm Gas- 2576</td>
<td>Faro Ø6mm cocoon- 2385</td>
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<td>Ø16mm Water- 817</td>
<td>Ø16mm Gas-819</td>
<td>Faro Ø6mm holender- 2382</td>
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<td>Ø19mm Gas- 820</td>
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<td>Faro Ø6mm cocoon- 2384</td>
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<td>Faro Ø6mm holender- 2383</td>
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<td>Faro Ø6mm flat nipple- 2387</td>
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<td>Faro Ø6mm angled nipple- 2390</td>
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<td>Reduction Ø6-Ø8- 2762</td>
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<tr>
<td></td>
<td></td>
<td>Angled Reduction Ø6-Ø8- 2762</td>
</tr>
</tbody>
</table>
For further information a company UNION KARIĆ doo are available weekdays from 9-17h and Saturday from 9-15h.

Contact

UNION KARIĆ d.o.o.
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11108 Belgrade, Serbia

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Tel/Fax: 00.381.11.329.53.35

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web: www.unionkaric.com