



RESIDENTIAL LPG CONNECTION SETS



ABOVE GROUND LPG TANK



EXAMPLE OF INSTALLATION SET FOR ABOVE GROUND LPG TANK

PIPES

- 1 pipe leading to tank with compensation, zinc coating, 753x880
- 2 connection column with pipe half union $\frac{3}{4}$ ", L=1200
- 3 gas riser, pre-bent, pre-insulated, with pipe half union $\frac{3}{4}$ ", 1200x800

OTHER ELEMENTS

- 4 spherical valve DN15 $\frac{3}{4}$ "
- 5 electrofusion coupler DN32
- 6 electrofusion elbow DN32
- 7 set of brackets
- 8 plastic cabinet 574x585x245, yellow
- 9 warning tape 20m
- 10 screws, washers, etc.
- 11 through the wall pipe DN20 with pipe half union $\frac{3}{4}$ "
- 12 gas meter bar, pipe half union $\frac{3}{4}$ " X male thread $\frac{3}{4}$ "
- 13 1st stage gas regulator
- 14 2nd stage gas regulator
- 15 data logger MacR6
- 16 gas meter G4



**COMPENSATION
PIPE**

THE STRENGTHS OF OUR SOLUTIONS:

EXPERIENCE

we have been manufacturing such kits since 1998 and so far they have been successfully used in thousands of installations across Europe

COMPATIBILITY

our system works with LPG tanks made by all leading European manufacturers

UNDER GROUND LPG TANK



EXAMPLE OF INSTALLATION SET FOR UNDER GROUND LPG TANK

PIPES

- 1 pipe leading to tank with compensation
- 2 gas riser, straight, pre-insulated, with pipe half union $\frac{3}{4}$ " , L=1200

OTHER ELEMENTS

- 3 electrofusion coupler DN32
- 4 electrofusion elbow DN32
- 5 warning tape 20m
- 6 plastic cabinet 574x585x245, yellow
- 7 bracket
- 8 spherical valve DN15 $\frac{3}{4}$ "
- 9 screws, washers, etc.
- 10 through the wall pipe DN20 with pipe half union $\frac{3}{4}$ "
- 11 gas meter bar, pipe half union $\frac{3}{4}$ " X male thread $\frac{3}{4}$ "
- 12 1st stage gas regulator
- 13 2nd stage gas regulator
- 14 data logger MacR6
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INNOVATIVE CABINET

SAFETY

the compensation on the steel pipe near the tank eliminates the problem of mechanical stress resulting from ambient temperature changes. Such stress may lead to leaks and damage of LPG installations.

COHESION

all elements of the installation create a whole, comprehensive system, and are matched in technical and visual terms. A complete kit includes all elements required to make a connection to an LPG installation.

ESTHETICS

when we design our installations, we make sure that each and every element looks great and is not dominating its vicinity.

TELEMETRY

WHAT IS A TELEMETRY SYSTEM

A telemetry system in gas industry is used for remote reading of gas consumption. The system consist of software installed on the provider's server and MacR6 data logger at the client's place. The system has been designed to handle a large number of gas meters, yet it is very easy and quick to install. The data loggers need no additional power and send reports via GPRS. To provide access to data, integration with the provider's IT systems is possible with server-based software.

Data logger MacR6

is an advanced, battery recorder gas flow recorder with transmission via GPRS, directed to gas distribution networks administrators.

Functions:

- Automatically transmit information about gas consumption
- MacR6 allows precisely classify customers in sales tariffs
- MacR6 can verificate contractual gas flow power
- Supports precisely clearing gas sales process
- Enables efficient and effective introduction other entities, participating in the sales process
- Simplifies the installation process to minimize afer-sales device management
- Assisted with the tools for configuration on smartphones and tablets with the function of geolocation.



TECHNICAL DATA

Power Supply	Lithium battery size D
Battery life	up to 10 years
Reporting schedules	in the range of one day to one month
Transmission protocol	Dedicated transmission protocol
Degree of protection	IP 65
Connector	Optical Interface standard IEC 62056-21
Certification	FTZU 14 ATEX 0037, mark II 3 G Ex ic IIA T3 Gc
The range of temp.	-30°C to +60°C
GSM Network	2G 900, 1800



+ Grupa WEBA Sp. z o.o. sp. k.
ul. Poznańska 5, 62-021 Paczkowo k/Poznanian, Poland
VAT No.: PL 7772619447 Reg. No. (KRS): 00000 70152

www.WEBA.com.pl

+ **e-mail:** export@WEBA.com.pl
+ **Tel.** +48 61 8 158 628 / +48 61 8 158 600
+ **Fax** +48 61 8 158 601