



PRODUCTS & SOLUTIONS GAS DISTRIBUTION NETWORKS 2026

www.WEBA.com.pl





You can configure with WEBA an optimal set up of brand and system-based solutions for building a complete gas installation.

At the Client's request, we will be happy to suggest the solutions to meet specific, national requirements and practices.

WEBA is one of Poland's leading manufacturers of solutions for natural gas and LPG distribution networks, including tank kits and house connections. Specialising in a comprehensive selection of standard solutions, and bespoke requirements serving both industrial and residential applications.

Our complete service covers every stage of the gas infrastructure chain, from city gate pressure reduction stations and pipe systems to electrofusion jointing and customer-end metering installations.



With extensive in-house manufacturing capabilities, WEBA maintains close control over quality at every stage, from design through to certification. As an authorised distributor for recognised European gas equipment manufacturers, we combine dependable product quality with practical technical expertise.



About WEBA / Clesse Group

- Who We Are
- International Presence
- Manufacturing Facilities
- Engineering & Innovation
- Quality & Certifications

1. Residential, commercial and industrial LPG Solutions

- Cylinder installation/ Connection Kits / Clesse regulators
- Tank installation / Connection kits / Clesse regulators

2. Distribution Gas Network Solutions

- Plastic Gas Cabinets
- Plastic Valve Cabinets
- Metal Gas Cabinets
- Recessed Metal Gas Cabinets
- Cabinet Stands
- Gas Meter Bars
- Gas Risers
- PE Connection Columns
- Gas Valves
- Gas Filters
- Electrofusion Fittings
- Electrofusion Welding Machines

3. WEBA PRMS, PRS & FMS stations

- Gas pressure reduction and measuring stations (PRMS)
- Pressure reduction stations (PRS) and filtering and measuring stations (FMS)
- Modular PRS and MRS Systems
- Custom-Built Stations • Gas meter bars

4. Quality Standards & Welding Competency Certification

5. Special Engineering Solutions: Seismic resistant solutions

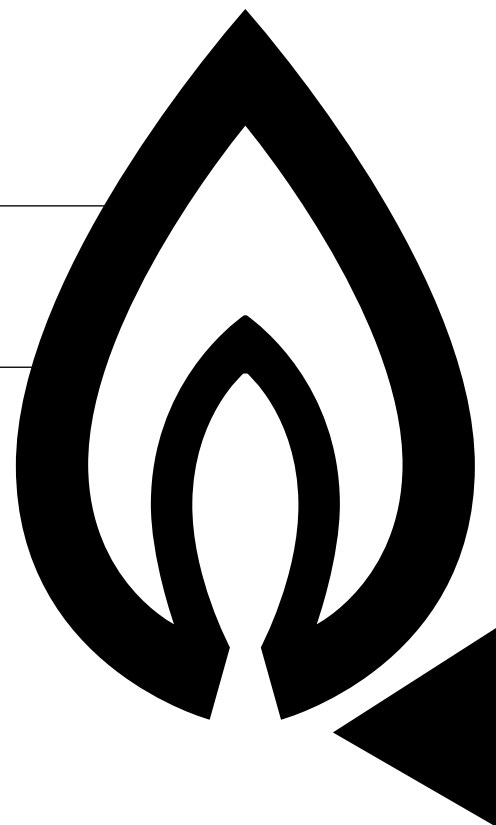
- Earthquake Protection Systems

6. Manufacturing & Technical Expertise

- Production Technologies
- Automated Manufacturing
- Robotic Welding
- CNC Machining
- Powder Coating & Finishing
- Testing & Quality Control

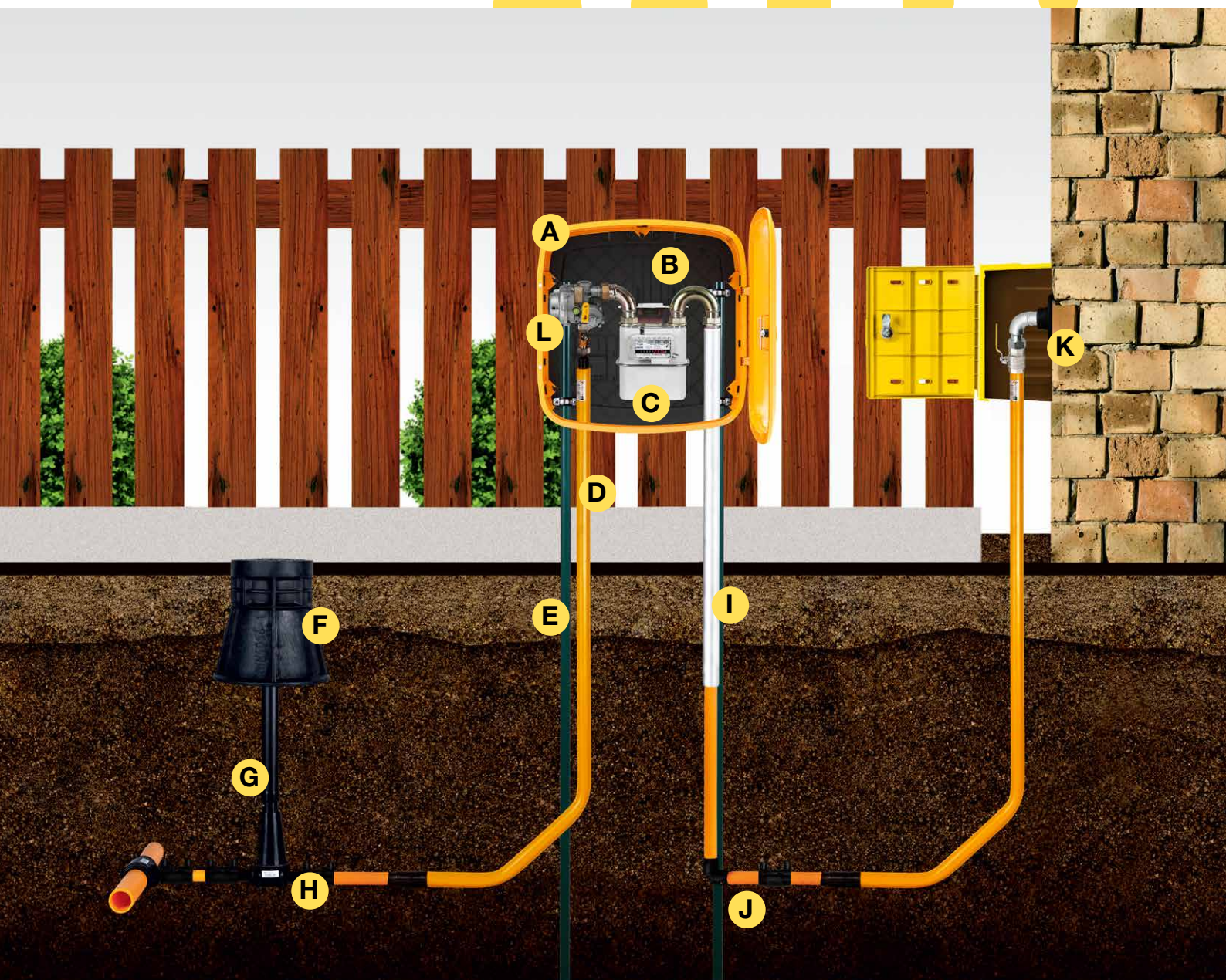
Contact Information

(Head Office • Export Department • Regional Offices • Technical Support)





- A** Plastic gas cabinet
- B** Gas meter bar
- C** Gas meter
- D** Gas riser
- E** Stand for plastic gas cabinet
- F** Surface box
- G** Telescopic extension spindle
- H** PE ball valve
- I** PE connection column
- J** Electrofusion fitting
- K** Gas entry pipe
- L** Gas pressure regulator



WEBA LPG Connection kits

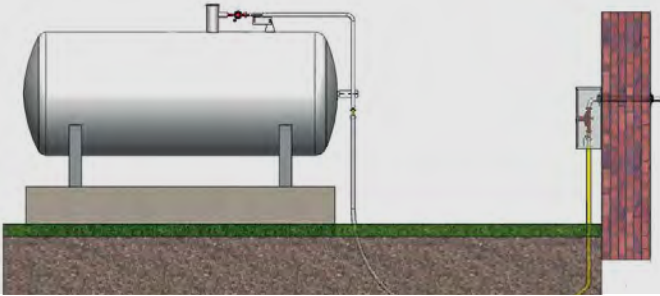
Complete installation kits for single-tank LPG systems, suitable for both above-ground and underground applications. These solutions include WEBA steel transition riser pipes, cabinets and electrofusion fittings, and are now complemented by an international range of regulators from Clesse and Novacom, including the CSR cylinder safety range.

With more than 160,000 LPG tanks installed in Poland and abroad using the WEBA system, our proven PE-to-steel pipe transition technology has supported reliable installations for over 20 years. Designed for both riser pipes and wall entry kits, the system improves installation efficiency through pre-made, fully tested, traceable and corrosion-protected pipework, making each kit quick, easy and above all safe to install on site.

Customer own designs meeting local national standards are also accommodated simply pass us your enquiry and one of our team will contact you.

In order to complete the installation between the tank and the gas installation inside the building, all you need to do is to complete:

- a connection kit (above ground or underground):
 - a first-degree regulator
 - a second-degree regulator
 - a cabinet for the regulator
 - a gas entry pipe



LPG Pressure Regulators - EN16129

Clesse brand range available

1



2



3



4



5



For further information refer to the Clesse International catalogue

Product Family		Description
Tank regulators 1st Stage		
1	APZ400	1st stage regulator 20-40 kg/h 0.5-3bar fixed or adjustable pressure, connection 1/4"/POL x female 3/8"
2	APZ400 OPSO	1st stage regulator 20-40 kg/h 0.5-2bar fixed or adjustable pressure, OPSO, connection 1/4" POL x female thread 1/2"
3	APS 2000	1st stage regulator 150kg/h 0.2-3bar fixed or adjustable pressure, connections 3/4" inlet, 3/4 or 1" outlet APS 2000 OPSO
4	APS 2000 OPSO	1st stage regulator 150kg/h 0.2-2bar fixed or adjustable pressure, OPSO connection 1" inlet and outlet
5	APS2 OPSO	1st stage regulator 150kg/h 0.5-2bar fixed or adjustable pressure, OPSO connection 1" inlet and outlet

Large vent capacity regulators available to US design, contact Clesse for more detail/highlighted

LPG Pressure Regulators - EN16129

Clesse brand range available

6



7



8



9



10



11



12



13



14

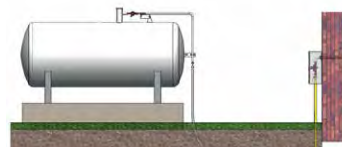


Product Family		Description
Tank regulators 2nd stage		
All regulators available with relief valve, adjustable pressure 21, 28, 30, 37, 50, 75mb		
6	BP2203/APZ400	2nd and 1st stage combined upto 12.5 kg/h OPSO, optional UPSO, connections 1/4" /POL inlet, 1/2 or 3/4" outlet
7	BP2203	2nd stage upto 12.5kg/h OPSO, optional UPSO, connections 1/2" inlet and 1/2 or 3/4" outlet
8	CSR485	2nd stage upto 7kg/h with OPSO connections 1/2" inlet and 1/2 outlet, 28, 30, 37,50, 75, 100, 150mb options
9	BP1803	2nd stage upto 5kg/h (Full vent relief valve available) connections 1/4" or 1/2" inlet and 1/2 outlet
10	BP2205	2nd stage 10kg/h, (Full vent relief valve available 12kg/h) connections 1/4" or 1/2" inlet and 1/2 outlet
11	CSR495	2nd stage 5kg/h OPSO, UPSO, EFV fixed pressure, connections 1/2" inlet and 1/2" outlet
Product Family		Description
Tank Regulators 2nd stage - Commercial and industrial capacity		
All regulators available with relief valve, adjustable or variable pressure 21, 28, 30, 37, 50, 75, 100, 150 and 300mb. Optional safety features OPSO and UPSO together pressure testing points and pressure gauges. Single stage models available with POL Female inlet to 30kg/h on some models and BP24 come with rotatable vents		
12	BP2303	2nd stage upto 30kg/h (50kg/h for 350mb) connections 1/2" inlet and 3/4" outlet,
13	BP2403	2nd stage upto 50 kg/h (70kg/h for 350mb) connections 3/4" inlet and 1" outlet
14	BP24S	2nd stage upto 70 kg/h (80kg/h for 150-350mb) connections 3/4" and 1" inlet or outlet
	BP24F	2nd stage upto 80 kg/h (100kg/h for 150-350mb) connections 1" and 1 1/4" inlet and outlet
	BP24FC	2nd stage upto 120 kg/h (150kg/h for 150-350mb) connections 1" and 1 1/4" inlet and outlet



Product Family	Description
Cylinder Installations - Automatic Changeovers	
Compact 100	Low pressure ACO with pressure adjustment and and relief valve, 5kg/h available in 28, 30, 37 or 50mb
Compact 800	Low pressure ACO with OPSO safety, pressure adjustment and relief valve, 5kg/h available in 28, 30, 37 or 50mb
Compact 900	Low pressure ACO with OPSO & EFV safety, pressure adjustment and and relief valve, 5kg/h available in 28, 30, 37 or 50mb
	Note - Compact changeovers come with M20 inlet connections as standard or local variants available for hose connection
0175 HP	High pressure ACO, 12kg/h and 1.2bar outlet pressure , M20 inlet and 1/2" M outlet connections (other options available)
Hose kits	Hoses, tees and manifolds available for one or more cylinders
2nd stage regulators to use with 0175HP ACO	
BP2284	Low pressure 2nd stage regulator 12kg/h with OPSO and/or EFV/UPSO, pressure adjustment and relief valve available in 28, 30, 37 or 50mb
CSR 485 or 495	Low pressure 2nd stage regulator 7kg/h with OPSO and/or EFV/UPSO (495 model), and relief valve available in 28, 30, 37 or 50mb
BP2205	Low pressure 2nd stage regulator 12kg/h pressure adjustment and relief valve available in 28, 30, 37 or 50mb
Cylinder Single Stage	
BP1803	Low pressure regulator upto 6kg/h 28, 30,37mb -inlet various and outlet connection 3/8 or 1/2"
CSR485	Low pressure regulator upto 5kg/h OPSO and RV 28, 30,37mb -inlet various and outlet connection 3/8 or 1/2"
CSR485 WM kit	CSR485 as above , with wall bracket - M20 inlet for hose and 1/2" outlet connection

Installation Kit For Above Ground LPG Tank



For above ground LPG tank

Code	Description	qty
PE25 - half union 1"		
05-21-0001-10 (photo 1)	pipe leading to tank with compensation	1
	PE connection column for LPG PE25	1
	preinsulated gas riser DN32 x half union nut 1"	1
	electrofusion reduction PE32x25	1
	electrofusion elbow PE25	1
	warning tape	20mm
	mounting elements (brackets, clamp, screws)	1
	spherical valve DN20	1
PE25 - half union 3/4"		
05-21-0001-41	pipe leading to tank with compensation	1
	PE connection column for LPG PE25	1
	preinsulated gas riser DN25 x half union nut 3/4"	1
	electrofusion coupler PE25	1
	electrofusion elbow PE25	1
	mounting elements (brackets, clamp, screws)	1
	spherical valve DN15	1
	warning tape	20mm
PE32 - half union 1"		
05-21-0001-39	pipe leading to tank with compensation	1
	PE connection column for LPG PE25	1
	preinsulated gas riser DN25 x half union nut 1"	1
	electrofusion coupler PE32	1
	electrofusion elbow PE32	1
	mounting elements (brackets, clamp, screws)	1
	spherical valve DN20	1
	warning tape	20mm

Installation Kit For Above Ground LPG Tank



For under ground LPG tank

Code	Description	qty
PE25 - half union 1"		
05-21-0001-13 (photo 1)	pipe leading to tank with compensation	1
	preinsulated gas riser PE32 x half union nut 1"	1
	electrofusion reduction PE32x25	1
	electrofusion elbow PE25	1
	warning tape	20mm
	bracket with clamp	1
	spherical valve DN20	1
PE25 - half union 3/4"		
05-21-0001-42	pipe leading to tank with compensation	1
	preinsulated gas riser DN25 x half union nut 3/4"	1
	electrofusion coupler PE25	1
	electrofusion elbow PE25	1
	bracket with clamp	1
	spherical valve DN15	1
	warning tape	20mm
PE32 - half union 1"		
05-21-0001-40	pipe leading to tank with compensation	1
	preinsulated gas riser DN25 x half union nut 1"	1
	electrofusion coupler PE32	1
	electrofusion elbow PE32	1
	bracket with clamp	1
	spherical valve DN20	1
	warning tape	20mm

Elements Of LPG Connection Kits

1



2



3



4



5



6



	Code	Description
	06-30-0260-02	Gas cabinet LPG, 260x460x160, wall-mounted, PVC, white RAL 9003
1	06-30-0480-01	Gas cabinet LPG, 480x480x260, wall-mounted, PVC, white RAL 9003
2	06-30-0260-01	Gas cabinet LPG, 260x460x160, wall-mounted, PVC, brown RAL 8017
	06-25-0300-11	Gas cabinet LPG, 300x500x200, wall-mounted, metal, yellow RAL 1021
	06-25-0300-12	Gas cabinet LPG, 300x500x200, wall-mounted, metal, brown RAL 8017
5	06-25-0300-13	Gas cabinet LPG, 300x500x200, wall-mounted, metal, grey RAL 7040
6	08-20-0004-06	Gas meter bars for gas meter G4/G6 130mm, conical male thread 1" x male thread 1 1/4" - elbow on left side
	05-30-0000-05	Gas entry pipe DN25 x male thread 1" - for LPG
	05-30-0000-06	Gas entry pipe DN25 x union nut 1" for sphero-conical valve DN20 - for LPG
	01-08-0000-01	Pipe leading to underground LPG tank with compensation pipe and union nit 3/4", PE25
	01-08-0753-05	Pre-insulated 3LPE pipe leading to aboveground LPG tank with compensation pipe and union nut 3/4"
	05-10-0032-09	Gas riser, pre-insulated pipe, PE32 x union nut 1" - for sphero-conical valve DN20, L=500xH=1500
	05-30-0025-30	PE connection column LPG, PE25 x union nut 3/4" - to connect with pipe leading to LPG tank, straight, L=1500
	05-30-0032-07	PE connection column LPG, PE32 x union nut 3/4" - to connect with pipe leading to LPG tank, straight, L=1500
4	21-50-0015-06	Compensation pipe and 1/4" NPT fitting - for multi-cylinder LPG installations
3	03-50-0015-04	Fitting POL (for intake valve on tank and 1st stage regulator LPG)

WEBA, based in Poznan, Poland, is a trusted partner for gas utilities, infrastructure operators and installation companies seeking reliable solutions for Natural Gas and LPG networks.

Founded in 1981, WEBA designs, manufactures and supplies modular gas connection systems, pressure reduction and metering stations, steel fittings, PE transition assemblies, wall riser pipes and prefabricated infrastructure components.

Combining advanced engineering with extensive in-house manufacturing, WEBA delivers fully tested, traceable solutions tailored to each project, supported by complete service from design and configuration through to delivery.

As part of Clesse Group, WEBA combines strong local expertise with international resources, offering customers across Europe an expanded product range for today's gas networks and tomorrow's renewable gas and hydrogen-ready infrastructure.

To see our extensive range and capability to meet your requests visit the WEBA Group website: products.weba.com.pl



Cabinet Stands

Available for metal and plastic gas cabinets.

Benefits:

Anti-corrosion protection: double side zinc coated metal sheet

- 25 µm thick layer and powder coat of at least 60 µm
- various colours: yellow, brown, light grey, anthracite - for standard boxes

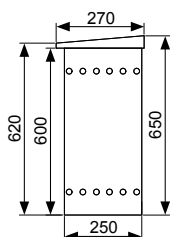
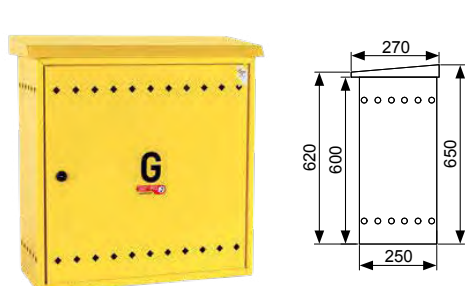
At the Client's request we can make cabinets in any colour.

Technical parameters

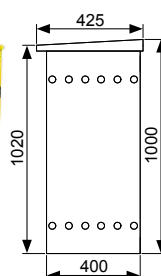
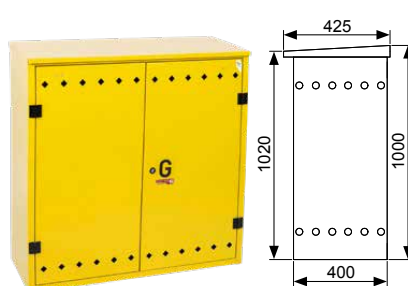
- Sheet grade: DC01
- Thickness: 0,5/0,7/1,0/1,5 mm
- Zinc coat thickness: 25 µm
- Paint coat thickness: min. 60 µm



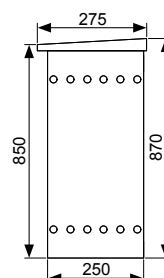
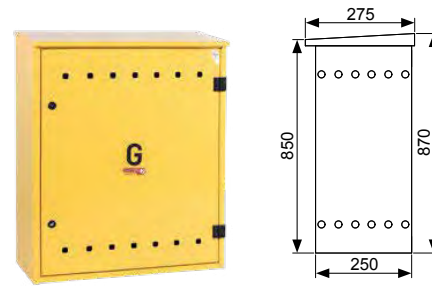
Free-Standing Gas Cabinets (With Back Wall)



- 1 with slanted roof**
(for 1 gas meter with regulator)
600 x 600 x 250 mm

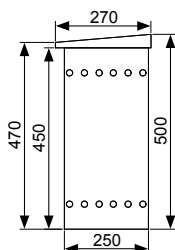
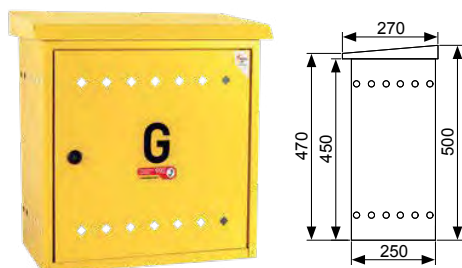


- 2 with slanted roof**
(for gas installations over 10 m³/h)
1000 x 1000 x 400 mm

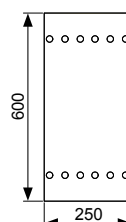
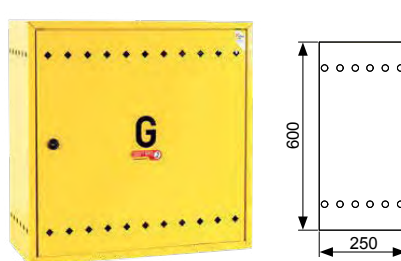


- 3 with slanted roof**
(for 2 vertically mounted gas meters)
700 x 850 x 250 mm

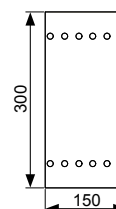
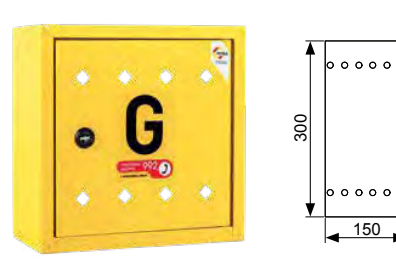
Wall-Mounted Gas Cabinets (Without Back Wall)



- 4 with slanted roof**
(for 1 gas meter without regulator)
450 x 450 x 250 mm



- 5 with flat roof**
(for 1 gas meter with regulator)
600 x 600 x 250 mm



- 6 with slanted roof**
(for ball valve)
300 x 300 x 150 mm

Metal Gas Cabinets & Recessed Cabinets

Available standard colours:

Available standard colours: 1 yellow RAL1021 2 brown RAL8017 3 light grey RAL7040 4 anthracite RAL 7016



- Made from stainless steel or zinc-coated steel (powder coated with structural paint)
- The door may have optionally a cut-out for - reading the meters
- The set also includes a lock, a universal key and 8 mounting anchors
- Resistant to weather conditions
- Equipped with ventilation openings
- Easy to install and have aesthetic design

WEBA columns advantages

Connection columns by WEBA guarantee safe gas connections, e.g. to regulators in gas meterboxes. A connection column consists of a PE-steel transition unit, protected by an aluminum pipe and insulation foam. The conduit protects the PE pipe from high temperatures, UV radiation and mechanical damage.

Weba connection columns significantly reduce installation time. Our solutions have been tested and proven in hundreds of thousands of gas installations in Poland and abroad and this is why we cover them with 3 year warranty. To eliminate welding, we use compression fittings.

The columns are available in sizes DN25 through DN90, with a choice of ends (flanges, threads, taps, welded etc.)

Technical parameters

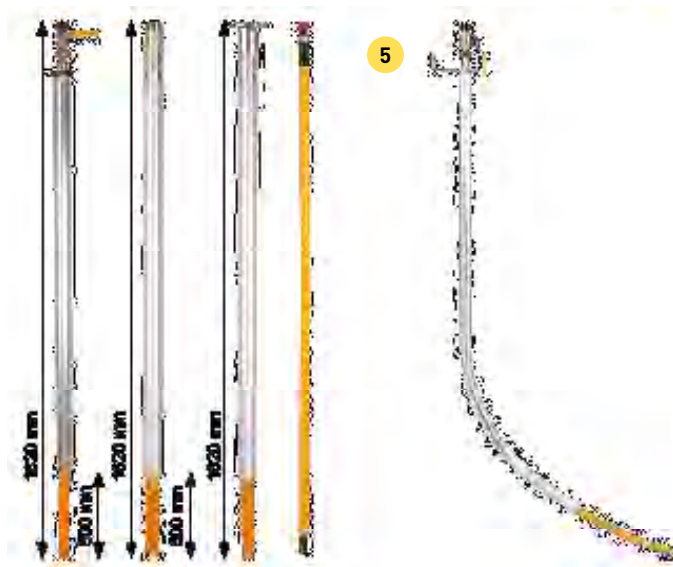
Max. working pressure: 5 bar

Max. working temperature: from -30 °C to +40 °C

Pipe steel: L360NE, and for diameters smaller than 33.7 also in grade P355

Flange steel: P355NH, P245GH, P250GH

Conforming to: PN-EN ISO 3183:2020-03; PN-EN 10216-1:2014-02; PN-EN 1092-1:2018-08; PN-EN ISO 2081:2026-05; PN-EN 1555-2:2026-03; ISO 17885



Pre-Insulated Gas Risers With PE-Steel Transition

Advantages of WEBA risers

- Insulation resistant to mechanical damage
- 100% guaranteed insulation impenetrability
- The installation is quick and low cost
- Insulation resistance to avalanche breakdown at 25.000 V
- Additional protection by the heat shrink tube

Available in sizes DN25 through DN63, with all sorts of made from pre-insulated or tape insulated pipes. Standard lengths: 500 x 1500 or 1500 x 1500. At the Client's request, gas risers can be manufactured in any length.

Technical parameters

Max. working pressure: 5 bar

Max. working temperature:

for connections with DN15 ball valves: from -20 °C to +40 °C

for connections with flanges and threads: from -30 °C to +40 °C

Insulation: PE – 3LPE layer

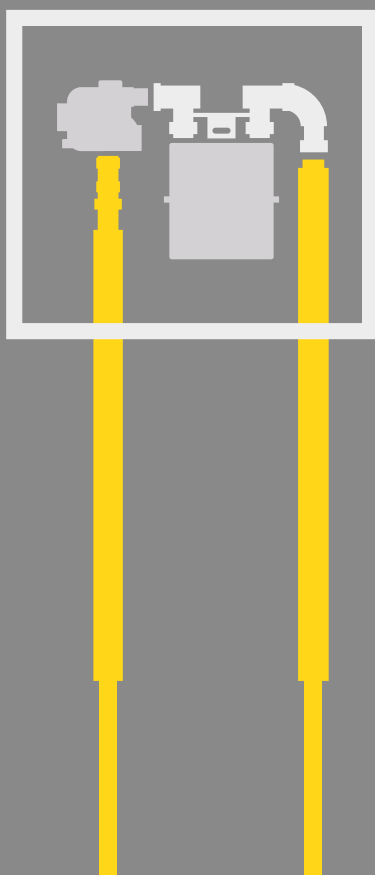
Pipe steel: L360NE, and for diameters smaller than 33.7 also in grade P355

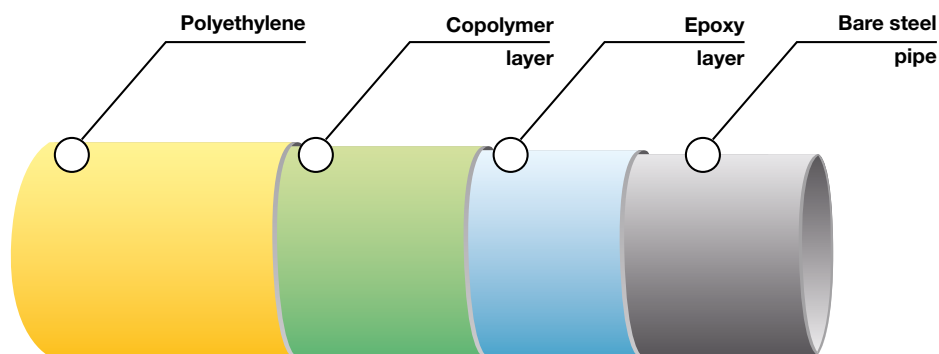
Flange steel: P355NH, P245GH, P250GH.

Conforming to:

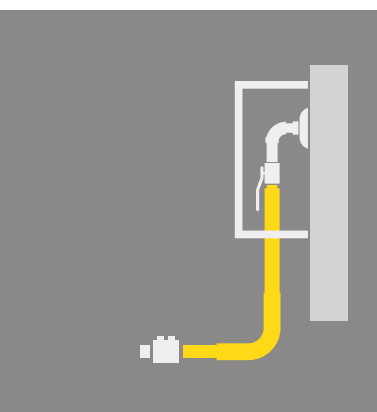
PN-EN 1092-1:2018-08; PN-EN 1555-2:2026-03;

EN 12068:2002; PN-EN ISO 3183:2020-03; PN-EN 331:2016-04;





Intersection of pre-insulated gas riser



Web Meter Bars Examples

Technical parameters

Max. pressure: 10 bar

Max. working temperature: 60 °C

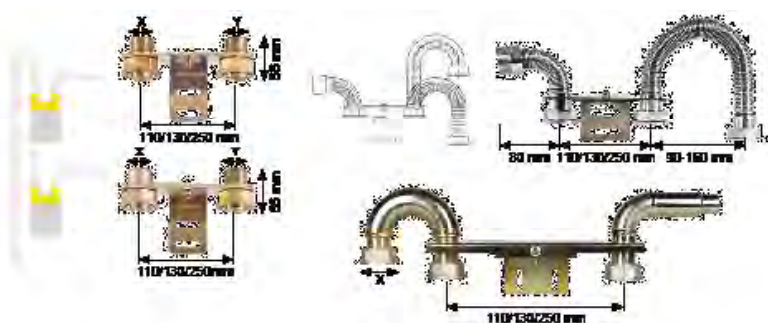
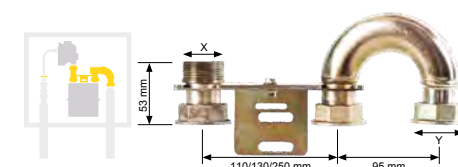
Min. working temperature: -30 °C

Zinc coating: Coating designation: Fe/Zn12/C

Conforming to: PN-EN ISO 3183:2020-03; EN 10216-1:2014-02;

EN ISO 228-1:2005; PN-EN ISO 2081:2026-05; PN-EN 12732:2022-04

At the Client's request, we can make any meter bars to meet specific, national requirements and practices.



2: GAS ENTRY PIPES

Technical parameters

Max. working pressure:

10 bar for aboveground and

5 bar for underground installations

Pipe steel: L360NE, and for diameters smaller than 33.7 also in grade P355

Conduit pipe: aluminum casing pipe Ø 52mm

Zinc coating: Coating designation: Fe/Zn12/C

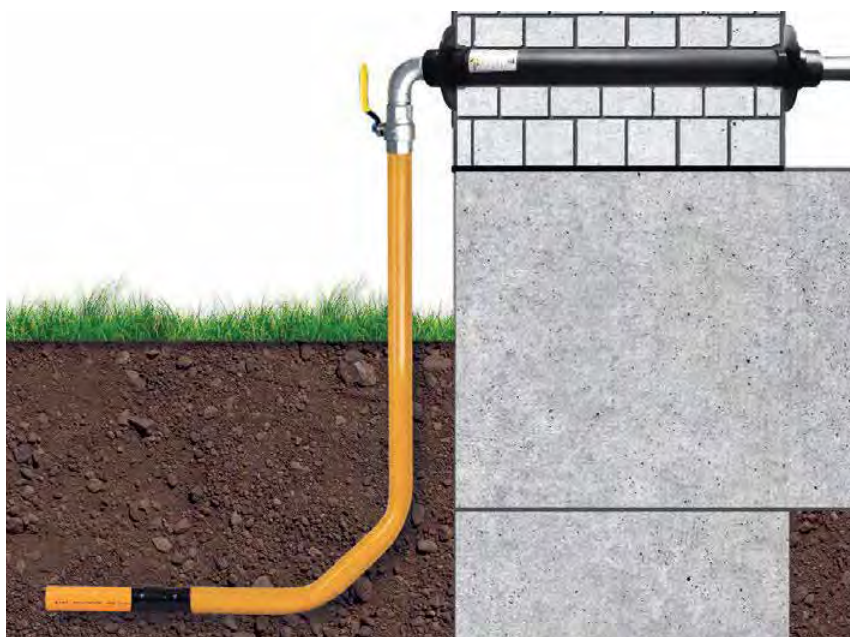
Conforming to: PN-EN ISO 3183:2020-03; ISO 17885; PN-EN 1555-2:2026-03

WEBA pipes advantages

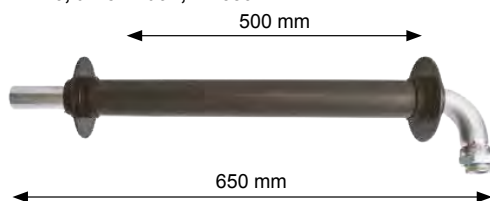
Ready-made, through the wall pipes can be used to introduce gas pipes into buildings in quick and aesthetic manner. The zinc coating and the protective conduit ensure reliability and safety in this crucial stage of installation.

Rigid Gas Entry Pipes (Aboveground Entry To Building)

Different lengths available on request



A DN20, union nut 1", L= 650 mm



B DN25, union nut 1", L=750 mm

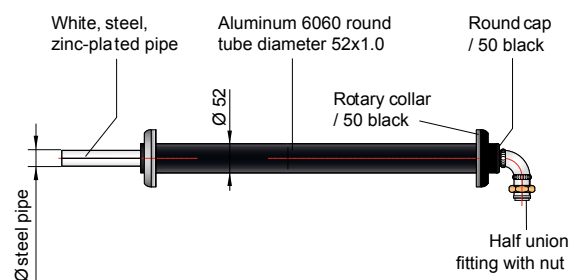
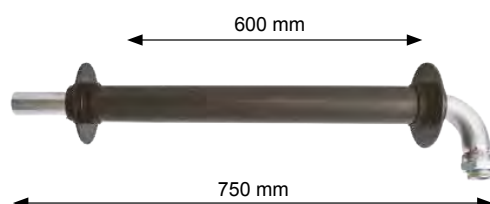


PHOTO	Ø STEEL PIPE	LENGTH	UNION NUT
A	DN20	650 mm	1"
B	DN25	750 mm	1"
	DN25	650 mm	1"
	DN25	650 mm	1 1/4"
	DN20	750 mm	1"

Rigid Gas Entry Pipes

(Underground Gas Entry To Building)



C Pre-insulated pipe with elbow and ball valve



D Pre-insulated pipe with PE corrugated protection layer (9 mm)

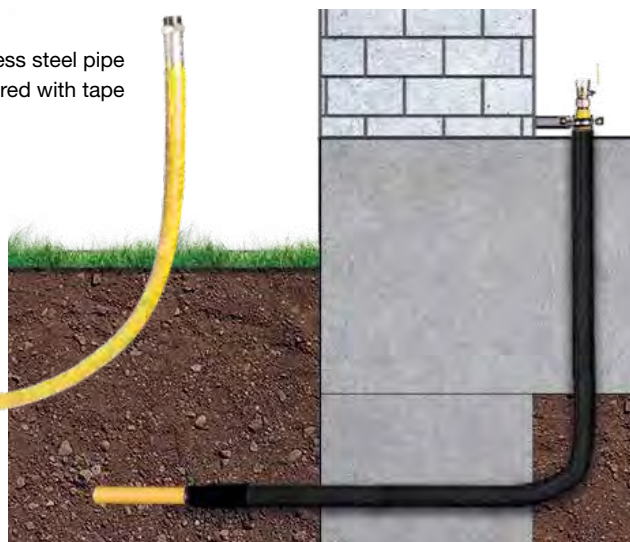


Flexible Gas Entry Pipes

(Underground Entry To Building)



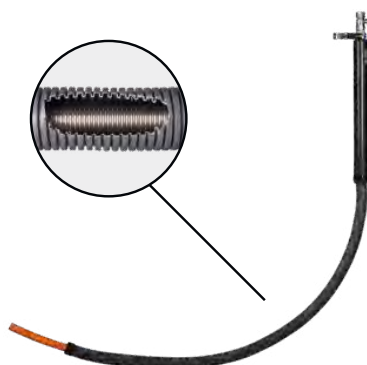
Stainless steel pipe
covered with tape



E Pre-insulated with corrugated PVC protective conduit with long PE pipe



F Pre-insulated with corrugated PCV protective conduit with long stainless steel pipe



G Pre-insulated pipe with PE corrugated protection layer (9 mm)



2: PE-STEEL TRANSITIONS

Technical parameters

Max. working pressure: 5 bar

Pipe steel: L360 and P235GH and for diameters smaller than 33.7 also in grade P355

PE pipe: PE100RC, PE100

Conforming to: PN-EN 1092-1:2018-08; PN-EN ISO 2081:2026-05; PN-EN 1555-2:2026-03;
PN-EN 10216-2:2025-04; PN-EN ISO 3183:2020-03; ISO 17885



Flanged Pe-Steel Transitions

Technical parameters

Max. pressure: 10 bar

Working pressure: 5 bar

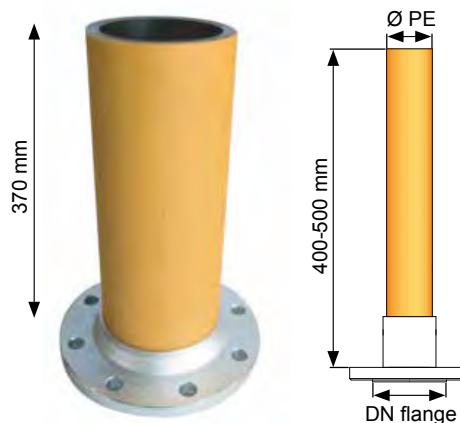
Pipe steel: L360N

Flange steel: P245GH

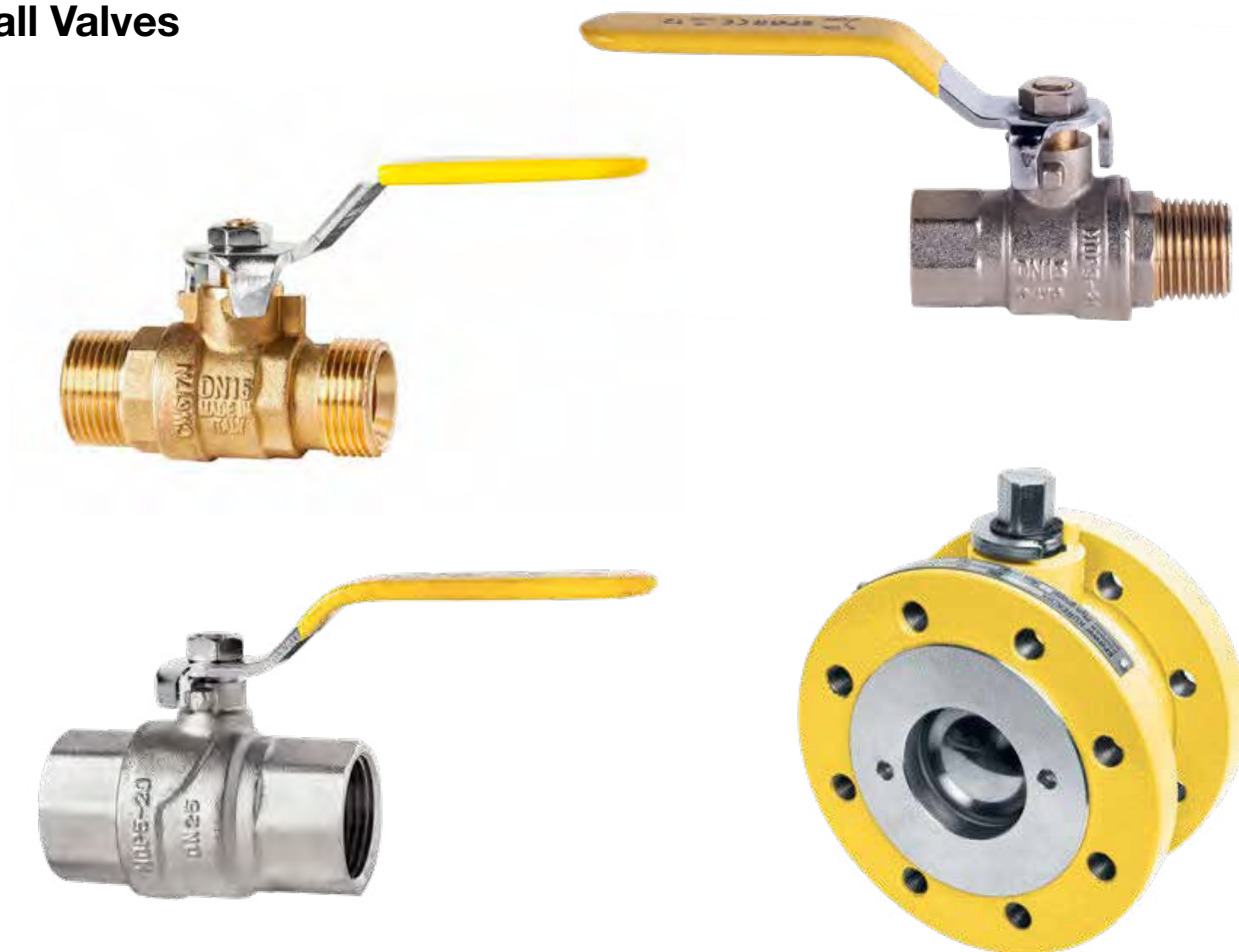
PE pipe: PE100 RC

Conforming to: PN-EN 1555-2:2026-03;
PN-EN ISO 3183:2020-03;
PN-EN 1092-1:2018-08;
PN-EN ISO 2081:2026-05;
PN-EN 10216-2:2025-04;

Zinc coating: Coating designation: Fe/Zn12/C; ISO 17885



Ball Valves



Gate Valves

Gate valves by JAFAR – flanged gate valves available in sizes DN 40 through DN 300, gate valves with PE ends available in sizes: PE 32 DN 25, PE40 DN 32, PE 63 DN 50.

We select optimal valve columns during the execution of the project.

Technical parameters (JAFAR)

Max.pressure: 10 bar

Leak tightness class: A

Max. working temperature: 40 °C

Min. working temperature: -10 °C

Nodular cast iron: EN-GJS-400-15

Seals: RUBBER (NBR)

Conforming to technical approval AT/97-04-0047

Conforming to: PN-EN 13774:2013

Corrosion protection conforming to: PN-EN ISO 12944-5:2020-03



Weba Angle Gas Filter DN15

Technical parameters

Inlet: union pipe 3/4"

Outlet: taper thread 3/4"

Filtering class: 99,9% particles bigger than 5 µm

Working pressure: 6,4 bar

Max. working temperature: +50 °C

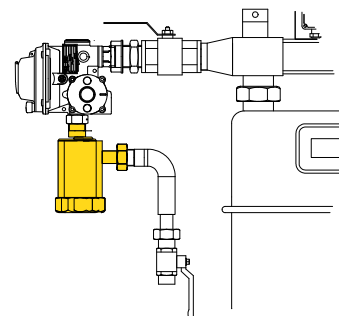
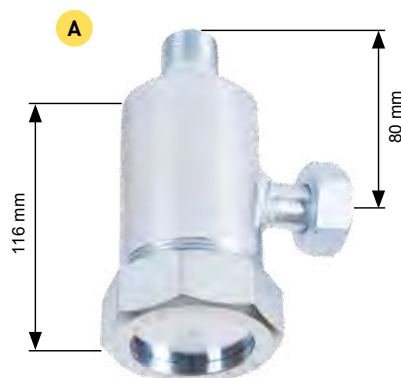
Min. working temperature: -20 °C

Zinc coating: Coating designation: Fe/Zn12/C

Conforming to: PED 2014/68/UE directive standard
Article 4, paragraph 3.

Gas filters :

- for filtering gas, protecting gas meters, reducers and gas receivers from damage
- rotating flanges for choosing any position
- angled gas filters are available at request



Weba Gas Filters



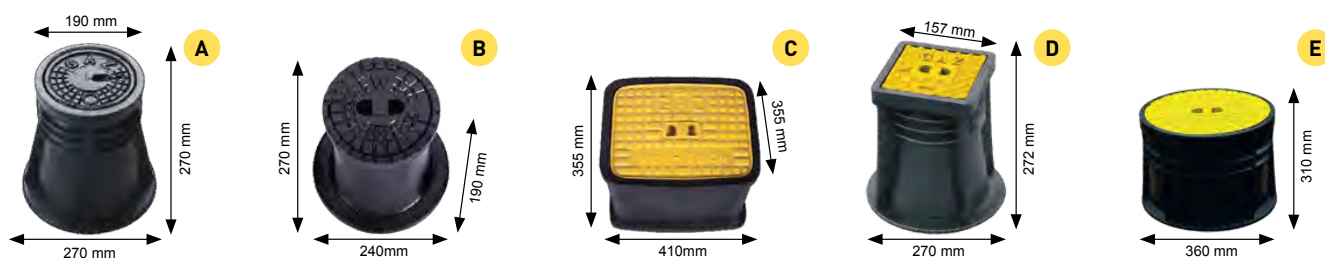
PHOTO	INDEX	DESCRIPTION	H
A	20-09-0015-20	Gas filter DN15, male thread 3/4" × loose nut 3/4"	
B	20-09-0025-11	Gas filter DN25, flange - straight	280 mm
B	20-09-0032-12	Gas filter DN32, flange - straight	280 mm
B	20-09-0025-15	Gas filter DN40, flange - straight	280 mm
C	20-09-0050-01	Gas filter DN50, flange - straight	350 mm
C	20-09-0050-04	Gas filter DN65, flange - straight	350 mm
D	04-70-0080-04	Gas filter DN80, flange - straight	400 mm
D	04-70-0100-04	Gas filter DN100, flange - straight	450 mm
D	04-70-0150-04	Gas filter DN150, flange - straight	600 mm

Telescopic Extension Spindles

For manual cutting off of gas flow through a valve.

The columns' height is adjustable, for example 80 cm to 120 cm, and they are lightweight and easy to install.

We produce telescopic extension spindles for PE valves and tapping saddles of other producers such as Georg Fischer, Frialen, Plasson, Polytec



PE Valves Gas / Water

Alternative for cast iron valves.

Polyethylene valves are lightweight and hence portable and easy to install. As they are made entirely from PE, there is no need for PE-cast iron connection.

This solution is incomparably more reliable and safer. PE valves have been tested and proven in thousands of installations.



Available sizes: DN25 to DN110



Available sizes: DN32 to DN90

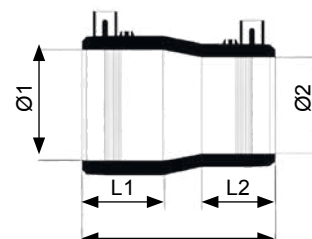
2: PE ELECTROFUSION FITTINGS - BY WEBBA GAS / WATER

Electrofusion fittings are made from polyethylene (PE100RC) and serve to connect PE pipes used in gas and water installations. A resistance wire is incorporated in such fittings. Once connected to an electrofusion welding machine, current is passed through the wire which heats up the fitting and the pipe to a desired temperature, thus fusing both parts together

Electrofusion Reducer SDR 11

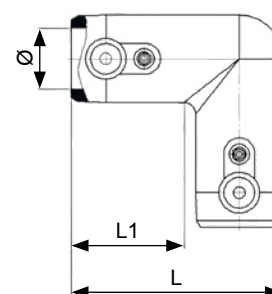
INDEX	Ø1/ Ø2	L (mm)	L1 (mm)	L2 (mm)	weight (g)
02-03-0025-11	25/20	105	39	41	91
02-03-0032-24	32/20	105	39	41	77
02-03-0032-24	32/25	105	39	44	72
02-03-0040-24	40/32	116	41	48	99
02-03-0040-25	40/25	116	41	48	111
02-03-0050-15	50/25	129	41	55	165
02-03-0050-13	50/40	129	48	55	150
02-03-0050-14	50/32	129	48	55	165
02-03-0063-07	63/25	125	42	57	179
02-03-0063-20	63/32	125	42	57	179
02-03-0063-21	63/40	128	49	58	233
02-03-0063-22	63/50	128	49	58	199
02-03-0075-13	75/50	156	58	72	287
02-03-0090-20	90/63	170	58	77	404
02-03-0090-21	90/75	156	69	78	436
02-03-0110-28	110/90	173	75	86	688
02-03-0110-29	110/63	205	73	90	760
02-03-0125-25	125/90	224	89	89	850
02-03-0125-26	125/110	224	89	98	1030
02-03-0140-13	140/125	224	91	98	1429
02-03-0160-35	160/110	227	89	115	1736
02-03-0160-36	160/125	233	92	100	1845
02-03-0160-37	160/140	233	95	99	1845

Products are certified by DVGW to EN 1555 parts 3 and 5 - Plastic piping systems for the supply of gaseous fuels. Polyethylene (PE)



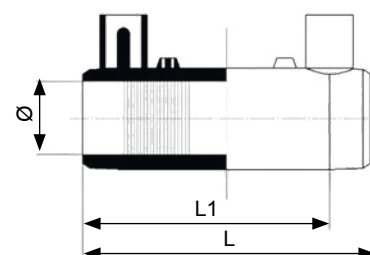
Electrofusion coupler SDR 11

INDEX	Ø	L (mm)	L1 (mm)	weight (g)
02-02-0020-19	20	82	40	75
02-02-0025-22	25	82	40	79
02-02-0032-11	32	86	40	96
02-02-0040-12	40	97	47	143
02-02-0050-14	50	113	53	211
02-02-0063-20	63	141	61	346
02-02-0075-12	75	161	70	584
02-02-0090-41	90	167	65	665
02-02-0110-48	110	200	70	1193
02-02-0125-34	125	230	85	1643
02-02-0140-05	140	238	75	2245
02-02-0160-51	160	273	91	3180



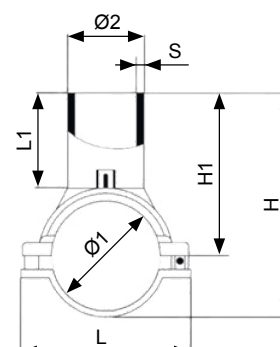
Electrofusion Elbow 90° SDR 11

INDEX	Ø	L (mm)	L1 (mm)	weight (g)
02-01-0020-13	20	82	39	45
02-01-0025-15	25	82	39	52
02-01-0032-20	32	74	35	50
02-01-0040-12	40	106	52	89
02-01-0050-09	50	118	57	143
02-01-0063-10	63	121	57	209
02-01-0075-06	75	120	57	284
02-01-0090-11	90	147	71	484
02-01-0110-10	110	148	71	630
02-01-0125-07	125	166	79	885
02-01-0140-01	140	174	84	1445
02-01-0160-10	160	180	87	1540
02-01-0180-08	180	193	94	2173
02-01-0200-04	200	209	102	2366
02-01-0225-08	225	218	106	3505

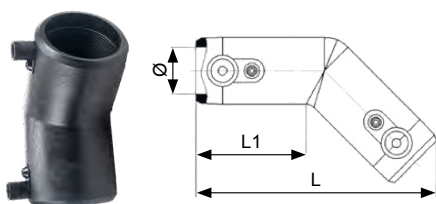


Electrofusion saddle with clamp SDR 11

INDEX	Ø1/ Ø2	L1 (mm)	H (mm)	weight (g)
02-05-0063-10	63/32	47	170	347
02-05-0075-12	75/32	51	183	359
02-05-0090-07	90/32	91	194	441
02-05-0090-48	90/40	93	194	447
02-05-0110-68	110/32	91	211	489
02-05-0110-55	110/40	93	211	470
02-05-0110-56	110/63	68	211	608
02-05-0125-27	125/32	87	244	587
02-05-0125-41	125/40	97	245	584
02-05-0125-08	125/63	63	245	665
02-05-0160-27	160/32	87	285	682
02-05-0160-06	160/63	69	308	795

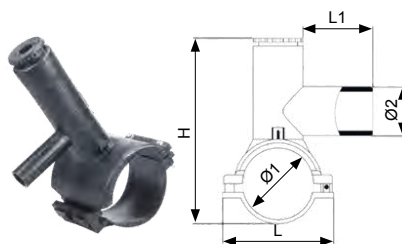


Electrofusion Elbow 45° SDR 11



INDEX	Ø	L (mm)	L1 (mm)	weight (g)
02-02-0025-23	25	104	40	69
02-02-0032-20	32	122	43	91
02-02-0032-21	32	122	40	69
02-02-0040-02	40	136	48	132
02-02-0050-15	50	154	54	190
02-02-0063-19	63	178	61	280
02-02-0075-13	75	183	63	465
02-02-0090-42	90	206	75	597
02-02-0110-47	110	226	74	977
02-02-0125-35	125	231	77	1120
02-02-0160-50	160	295	90	2540

Electrofusion Tapping Tee SDR 11



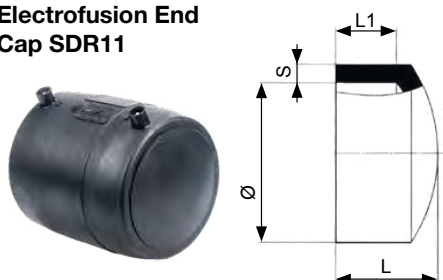
INDEX	Ø1/Ø2	L (mm)	H (mm)	weight (g)
02-05-0090-04	90/32	90	252	866
02-05-0090-06	90/63	90	257	860
02-05-0110-29	110/40	106	271	880
02-05-0110-54	110/32	79	271	995
02-05-0110-53	110/63	98	270	910
02-05-0125-16	125/32	91	315	1010
02-05-0125-25	125/40	101	315	1075
02-05-0125-20	125/63	90	315	1020
02-05-0160-37	160/32	63	323	1182
02-05-0160-03	160/63	103	326	1091
02-05-0225-15	225/63	128	345	1381

Repair clamps



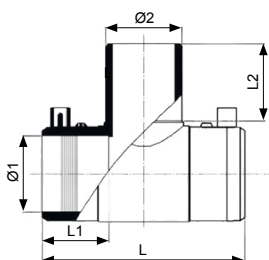
INDEX	Ø
02-01-0063-05	63
02-01-0090-05	90
02-01-0110-08	110
02-01-0125-03	125
02-01-0160-06	160
02-01-0180-04	180
02-01-0200-07	200
02-01-0225-06	225

Electrofusion End Cap SDR11



INDEX	Ø	L (mm)	L1 (mm)	weight (g)
02-04-0025-11	25	83	40	54
02-04-0032-10	32	89	43	68
02-04-0040-14	40	79	48	100
02-04-0050-12	50	120	53	149
02-04-0063-10	63	124	62	251
02-04-0075-01	75	124	70	344
02-04-0090-11	90	150	77	542
02-04-0110-11	110	151	82	762
02-04-0125-10	125	204	79	1421
02-04-0160-09	160	221	87	2580

Electrofusion Tee Equal SDR11



INDEX	Ø1/Ø2	L (mm)	L1 (mm)	L2 (mm)	weight (g)
02-05-0020-17	20/20	100	37	39	73
02-05-0025-16	25/25	107	39	41	78
02-05-0032-19	32/32	118	41	44	108
02-05-0040-26	40/40	138	49	49	176
02-05-0050-31	50/50	159	55	55	248
02-05-0063-49	63/63	161	49	63	457
02-05-0075-06	75/75	194	66	68	665
02-05-0090-55	90/90	224	70	79	999
02-05-0110-77	110/110	242	72	82	1396
02-05-0125-52	125/125	272	72	87	1870

Valves for drilling under pressure



INDEX	Ø
04-20-0063-04	63x32
04-20-0063-06	63x63

PE-Brass adaptors



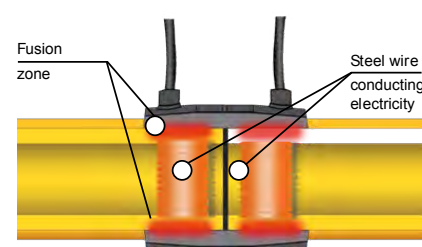
Female Thread

INDEX	Ø PE x thread
02-50-0032-13	32 x 1"
02-50-0040-13	40 x 5/4"
02-50-0050-11	50 x 1 1/2"
02-50-0063-05	63 x 1"
02-50-0063-06	63 x 5/4"
02-50-0063-07	63 x 1 1/2"
02-50-0063-08	63 x 2"

Male Thread

INDEX	Ø PE x thread
02-50-0025-10	25 x 3/4"
02-50-0032-08	32 x 1"
02-50-0032-11	32 x 5/4"
02-50-0032-12	32 x 1 1/2"
02-50-0040-10	40 x 1"
02-50-0040-11	40 x 5/4"
02-50-0040-12	40 x 1 1/2"
02-50-0050-08	50 x 1"
02-50-0050-09	50 x 5/4"
02-50-0050-10	50 x 1 1/2"
02-50-0063-02	63 x 5/4"
02-50-0063-03	63 x 1 1/2"
02-50-0063-04	63 x 2"

Electrofusion socket welding



2: ELECTROFUSION WELDING MACHINES

Electrofusion welding machines can be used for electrofusion fittings offered by any manufacturer. When selecting a welding device, its power rating must be taken into consideration, as it determines what diameters can be welded.

We recommend welding machines with code readers to help automate and speed up the welding.

Electrofusion welding machine ZK 90 PRO



Electrofusion welding machine ZK 160 PRO



Electrofusion welding machine ZK 315 PRO



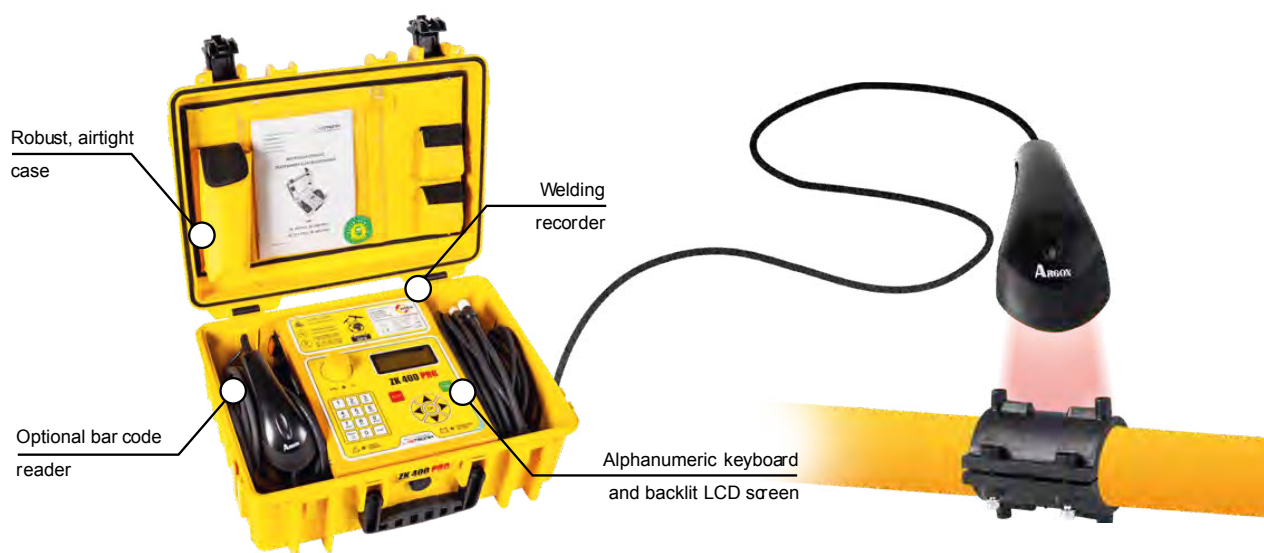
Electrofusion welding machine ZK 400 PRO



Code reader for welders



PHOTO	INDEX	DESCRIPTION
A	09-10-0000-53	Electrofusion welding machine ZK 90 PRO
B	09-10-0000-54	Electrofusion welding machine ZK 160 PRO
C	09-10-0000-55	Electrofusion welding machine ZK 315 PRO
D	09-10-0000-56	Electrofusion welding machine ZK 400 PRO
E	09-10-0000-52	Barcode reader for and PRO welding machines



Type	ZK90PRO	ZK160PRO	ZK315PRO	ZK400PRO
Max. welding diameter	125mm*	160mm*	355mm*	400mm*
Max. drawn power	1500 W	2000 W	2600 W	3300 W
Recommended power generator [kW]	3 kW	3,5 kW	4,8 kW	6 kW
Supply voltage	230 V $\pm$ 15%	230 V $\pm$ 15%	230 V $\pm$ 15%	230 V $\pm$ 15%
Supply voltage frequency	50 Hz $\pm$ 10%	50 Hz $\pm$ 10%	50 Hz $\pm$ 10%	50 Hz $\pm$ 10%
Welding voltage	16 - 42 V	16 - 42 V	16 - 42 V	16 - 42 V
Automatic setting [barcode scanned with a reader]	✓	✓	✓	✓
Automatic setting [barcode input manually]	✓	✓	✓	✓
Uploading data to a pendrive	✓	✓	✓	✓
Software for generating welding protocols	✓ (for download)	✓ (for download)	✓ (for download)	✓ (for download)
Alphanumeric display	✓	✓	✓	✓
Power supply parameters [voltage, frequency] viewed on display	✓	✓	✓	✓
Browsing the history of completed welds on display	✓	✓	✓	✓
Alphanumeric keyboard for inputting data	✓	✓	✓	✓
Manual input of the GPS data	✓	✓	✓	✓
Built-in GPS for automatic saving of the weld's GPS	optional	optional	optional	optional
Welding memory capacity	4000	4000	4000	4000
Power cord length [m]	3 m	3 m	3 m	3 m
Heating cord length [m]	3 m	3 m	3 m	3 m
Dimensions	470 x 365 x 190 mm	470 x 365 x 190 mm	470 x 365 x 190 mm	470 x 365 x 190 mm
Degree of protection	IP 54	IP 54	IP 54	IP 54
Protection class	I	I	I	I
Weight	16 kg	19,8 kg	22 kg	27 kg
Warranty [months]	24	24	24	24

*The specified scope of welded diameters is only for information purposes.

Electrofusion fittings of the same diameter, but made by different manufacturers, may require higher or lower welding power



High standards, extensive know-how, passion for innovation and the drive for continuous improvement of our products!

Weba specializes in manufacturing household gas points, gas pressure reduction and measuring stations (PRMS), pressure reduction stations (PRS) and filtering and measuring stations (FMS), along with gas trains in various combinations, specifically designed to satisfy relevant, state regulations.

We have an exceptionally strong offer of low and medium pressure installations up to 16 bar.

Advantages:

- By exchanging reducing system and gas meter you can easily increase max gas output, for example, from 60 m³ to 700 m³ without changing the whole gas station
- High quality and competitive price due to serially manufactured modules
- Predictable cabinet size
- Optional extension of extra equipment without replacing the cabinet
- Years of experience in the European Union
- Similar design of many gas stations helps local technicians to provide service quickly and easy (shorter learning time)
- In case of faulty component in gas station it is possible to replace it very fast- you can simply take it from spare parts warehouse
- Flexibility in design – you can plan the design of gas station based on current gas demand and simply increase it in the future once the demand is higher, by replacing certain modules

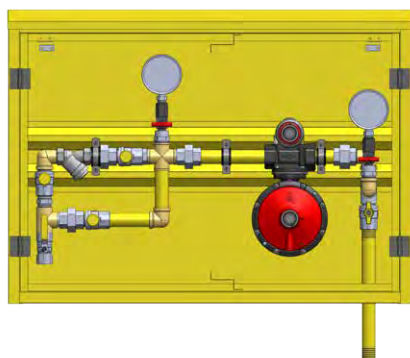
We can modify any point to satisfy specific requirements of individual clients by choosing:

- adequate cabinets made from proper materials (plastic, steel, stainless steel, composite, etc.), in correct dimensions, colour and types (free-standing, wall-mounted)
- adequate gas pressure regulators or governors, to accommodate the designed inlet and outlet pressure and flow
- optimal gas meters (diaphragm, turbine, rotary)
- inlet and outlet connections - various types of threaded and flanged steel pipes, PE connection columns, PE-steel transitions, anti-seismic solutions
- type of inlet and outlet to and from the point (threaded, flanged), in diameters requested by the client, with additional accessories such as pressure gauge valves, manometers, filters, thermal fittings, insulating flanges, various ball valves
- measuring-reducing-filtering systems (with single and dual lines, bypasses)

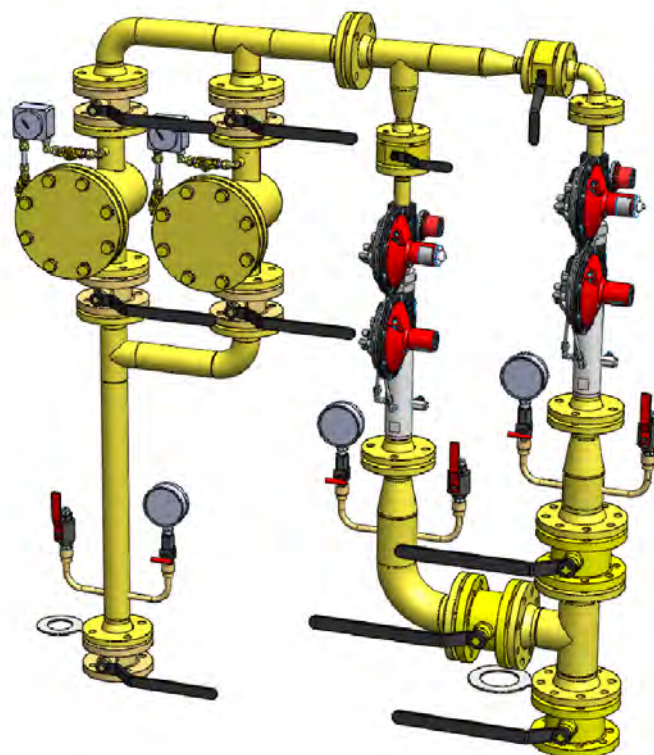
WEBA Modular - PRMS, PRS and FMS stations are designed around a flexible, building-block concept.

This novel modular approach allows each station to be configured quickly from proven, pre-engineered modules, creating a tailored solution without the need to redesign the complete system.

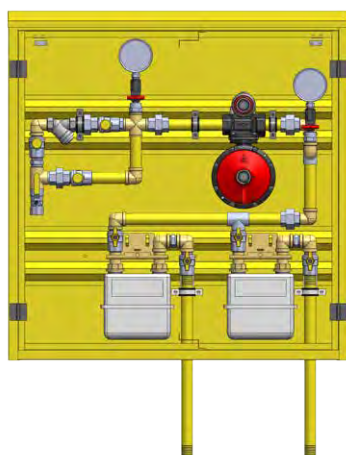
Like well-arranged engineering blocks, each module can be independently selected, combined, added or replaced to suit project requirements, flow rates, cabinet sizes, metering arrangements and local installation practices.



The result is a faster, more predictable and more adaptable way to deliver gas pressure reduction, metering and filtering stations - combining serially manufactured quality with the flexibility of a customised solution.

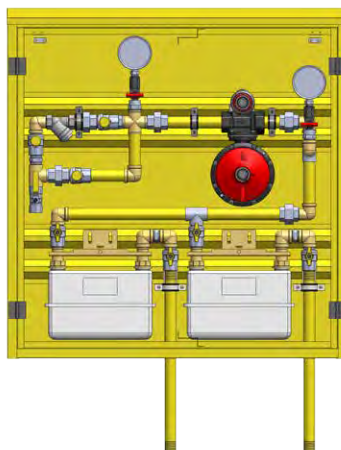
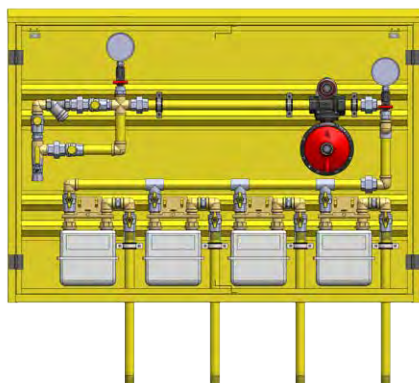


Example - Intermediate stage pressure reduction station with active monitor OPSO twin stream - allows local adaption of sub-assemblies allows many variants such as single stream ,or using standard Active OPSO only regulator



Key advantages of the modular system

- Added-value proposition for distribution and service partners involved in final assembly
- Easier stocking and rapid deployment, either direct from Poland or through a local market service provider.
- Reduced project lead times through faster configuration and standardised module availability.
- Improved after-sales service, with replacement modules available from stock.
- Full certification and traceability of key components and welding processes.
- Technical service support and training from the WEBA engineering team.
- Lower-cost solutions through efficient modular design and serial production.



3: PRMS, PRS & FMS STATIONS



LPG vaporiser
integration



General certificates

- ISO 9001 Quality management systems (QMS)
- ISO 14001 Environmental management systems (EMS)
- ISO 3834-2 Quality requirements for fusion welding of metallic materials

Welding supervision

- Welding Engineer with IWE/EWE certification (the highest level of certification in welding supervision) according to the EN ISO 14731 standard
- VT2, PT2, RT2 inspector (certificates extended to include the Pressure Equipment Directive PED 2014/68/EU)

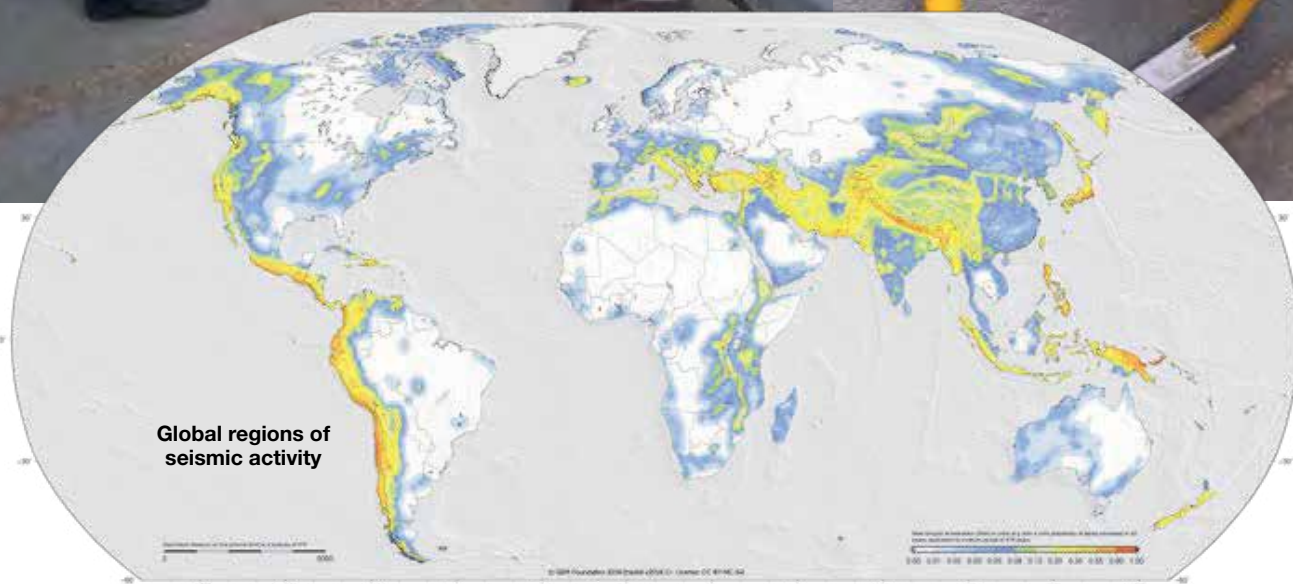
Welding technology qualifications

- According to EN ISO 15614, technologies qualified by a notified body with impact testing, which provides the additional possibility of manufacturing pressure components in compliance with the Pressure Equipment Directive PED 2014/68/EU, based on design according to EN 13445
- According to ASME IX, technologies do not cover the Pressure Equipment Directive.

Welding personnel

- TIG and MAG welders certified to ISO 9606-1 (certificates extended to include the Pressure Equipment Directive (PED) 2014/68/EU what is required in gas filter production)
- TIG and MAG welders certified to ASME IX
- MAG welding robot operators certified to EN ISO 14732 (without extension to the Pressure Equipment Directive (PED) 2014/68/EU)

5: SEISMIC RESISTANT SOLUTIONS



Weba provides innovative solutions, from design, through implementation for residential and industrial gas installations, to downstream gas network owners.

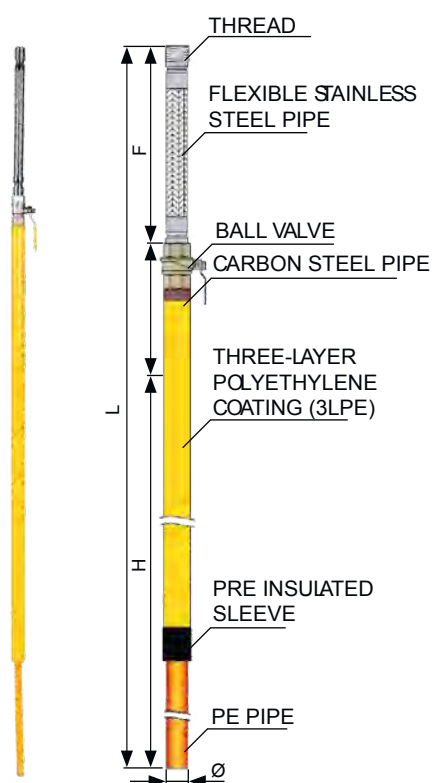
Together with the Poznan University of Technology and the Indonesian National Gas Company (PGN), we designed and tested gas installations for seismic areas.

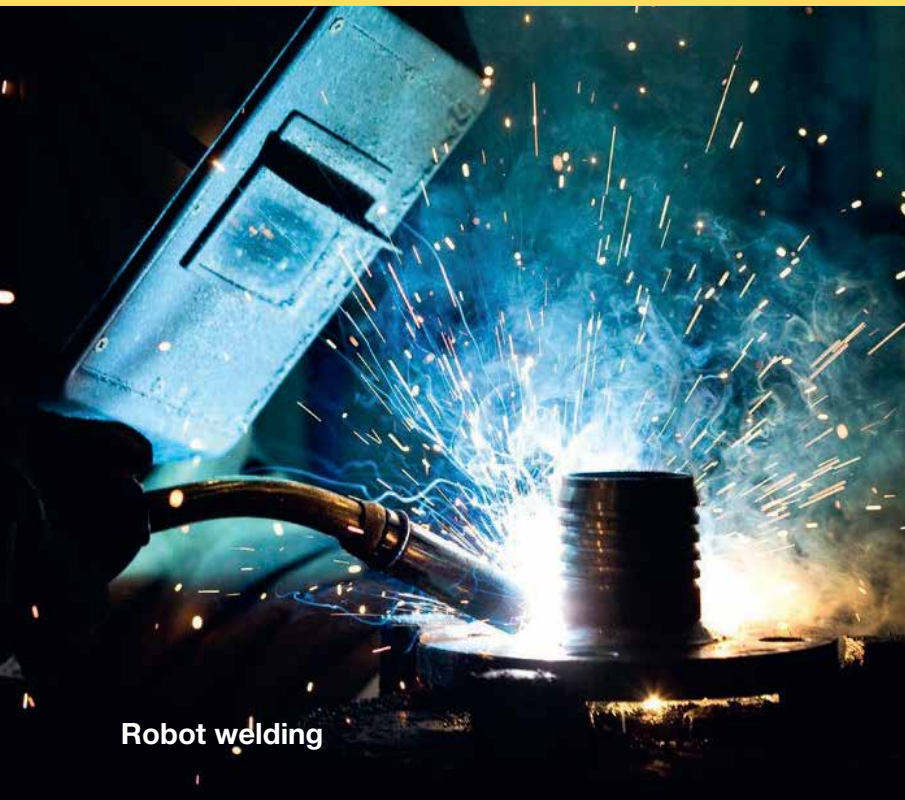
WEBA seismic-resistant components are designed to help protect residential and industrial gas installations from damage caused by earthquakes and ground movement. By integrating flexible compensation elements within the riser pipe system, the installation can absorb seismic energy and reduce stress on vulnerable fixed points.

These solutions are particularly valuable in areas exposed to repeated minor tremors as well as more severe seismic events. By allowing controlled movement between fixed sections of pipework, WEBA helps reduce the risk of damage, gas leakage and service interruption. The result is a safer, more resilient gas installation that supports structural protection, operational continuity and improved safety for people, property and connected gas appliances.

Advantages:

- Most cost-effective seismic solution on the market
- Ready-made products can be used to connect gas pipeline with gas installation inside building in quick and safe manner
- Compensating pipe and expansion joint helps to eliminate the problem of mechanical stress resulting from earthquakes
- All elements of the installation create a unique, comprehensive system and are matched in technical and visual terms
- Protection to other gas devices (gas pressure regulator, gas meter etc.).
- Significantly extends the service life of the gas meter and regulator





Robot welding



Manual welding



CNC machining with robotic feeding system



Powder coating and wet painting finishing



Sandblasting



Metal cabinets production line



Metal cabinets production line



Automated robotic production line

Handwriting practice lines consisting of 20 horizontal dotted lines.



Grupa WEBA Sp. z o.o. ul. Krancowa 24, 61-037 Poznan, Poland

Tel. +48 61 8 158 619 **E-mail:** export@weba.com.pl **weba.com.pl**

Weba Gas Indonesia: Ruko Griya Aviva no. R6, Jl. Menjangan Raya, Ciputat, Tangerang City, Banten 15413, Indonesia

Tel. +62 21 5289 9718 Email: office@weba.co.id

Group Companies



Rue du Bois Joli, 63800
Cournon-d'Auvergne,
France

Tel: +33 (0)4 63663001
Email: commercial@clesse.eu
www.clessefrance.fr



Clesse Brazil
Av. Liberdade
4565 - Galpão K - Iporanga
Sorocaba - SP 18087-170
Brazil

Tel: +55 1532191222
Email: vendas@clesse.com.br
www.clesse.com.br



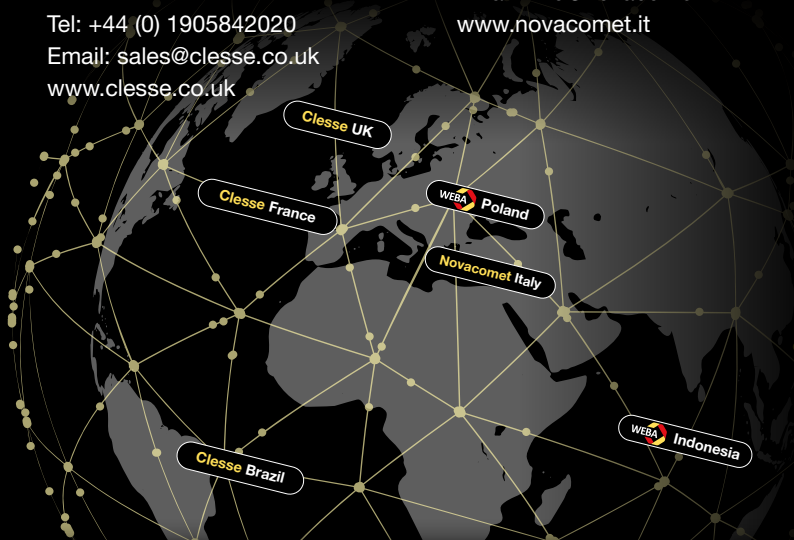
Drakes Broughton Business Park
Worcester Road
Drakes Broughton
Persore, Worcestershire
WR10 2AG
United Kingdom

Tel: +44 (0) 1905842020
Email: sales@clesse.co.uk
www.clesse.co.uk



Via E. Mattei
28, 25046
Cazzago San Martino
(BS) - Italy

Tel: +39 (0) 30 2159111
Email: info@novacommet.it
www.novacommet.it



Who we are : Clesse Group is a leading global manufacturer and distributor of fuel gas equipment for pressure regulation, pipe network systems and metering, leveraging strong local presence with direct subsidiaries and distributors

Our commitment is for excellence : strong focus on research and development leading to innovation and reliable products customers can trust

Headquartered in : Cournon d'Auvergne France and established for 75 years

4 national subsidiaries now including Weba Group : providing key global distribution and strong links to the local markets in LPG and NG

Product brand Novacommet : also completes our offer which is widely recognised having a distinguished range of products



Dedication To International Excellence With Local Solutions

Tél : 33 (0)4 63 66 30 01 **Email :** commercial@clesse.eu **www.clesse.eu**

Clesse Industries, Z.I. Le Bois Joli, CS 80118, 63808 Cournon d'Auvergne, France

