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COMPANY PROFILE



MADE IN ITALY



Subsidiary
Associated company
Warehouse

SILMAR GROUP: A LARGE GROUP OF INTERNATIONAL BUSINESSES

Strength in unity

Silmar Group was founded by Silvestro Niboli in 1970, who created a state of the art enterprise that has not stopped growing since, thanks to a smart product diversification strategy and the unfailing respect of the most stringent product standards.

Today, Silmar Group is a key player on the international market and is active in a range of complementary businesses. Through its operating premises in 12 Countries, Silmar Group sells its products on over 100 different markets.

Thanks to internal synergies and the specific skills contributed by every single resource, the Group reaches the peaks of its cohesion and excellence in 5 different, yet integrated, industries: heating, aluminium machining, plumbing, electroplating and, finally, passive fire protection.

Silmar Group: numbers as at 2018*



Surface 1,987,000 m² of which 469,000 m² indoors

* 2018 figures are still provisional.



Turnover approx 994,000,000 €



Direct employees over 3,100



VALSIR, SUBSIDIARY AND AFFILIATE COMPANIES



Valsir: the company

Valsir was established in 1987 in Valle Sabbia, on the road that leads from Lake Garda to the Brenta Dolomites.

From the very start, here is where this global company makes decisions and defines its strategies. Economic growth, technological development, the pursuit of quality, relentless research, design, and the presence on international markets are the element that have guided and still drive Valsir's policies. The need to serve distant markets brought to the establishment of a tight network of subsidiary and affiliate companies: **Valsir Group**.







Production sites

- Valsir Vestone (Brescia, Italy)
- Valsir Vobarno (Brescia, Italy)
- Valsir Carpeneda 1 (Brescia, Italy)
- Valsir Carpeneda 2 (Brescia, Italy)
- Valsir Polska (Skawina, Poland) ¹
- OLI (Brescia, Italy) 2
- OLI Sistemas Sanitários, S.A. (Aveiro, Portugal)²
- OLI (Moscow, Russia)²
- Valrom Industrie (Bucharest, Romania)²
- Valrom Ukraine (Vinnitsa, Ukraine)²
- Valplast Industrie (Bucharest, Romania)²
- Sinikon (Troitzk, Russia) ²
- Alba (Brescia, Italy) ¹

Commercial premises

- Warehouse (Montagny, France) ³
- Valsir Uneeq (Johannesburg, South Africa) 1
- Valsir Uneeq (Cape Town, South Africa) ³
- Valsir India (Mumbai, India) 1
- Valsir Australia (Perth Western Australia)²
- OLI (Möckmül, Germany)²

Legend: 1 Subsidiary company 2 Associated company 3 Warehouse





A steadily growing company. Production and logistic sites.

VALSIR - Headquarters

Location: Vestone (BS) Surface area: 47,380 sq.m (of which 29,190 sq.m indoors)

No. of employees: 306

- Exposed and in-wall flush cisterns
- Push plates
- Fittings for drainage/waste systems
- Fittings for water supply, heating and gas supply systems
- Underfloor heating systems
- Siphonic rainwater drainage systems
- Traps and special fittings for waste/drainage systems
- Floor level shower systems
- MFV VMC







VALSIR - Vobarno factory

Location: Vobarno (BS) Surface area: 107,550 sq.m (of which 64,190 sq.m indoors)

No. of employees: 181

- Soundproof and regular HDPE, Blackfire[®], PP3, PP, Triplus[®] and Silere[®] pipes
- Multilayer pipes for water supply and heating systems, flammable gas supply
- Logistics hub



AN INTERNATIONAL GROUP





VALSIR - Carpeneda 1 Factory

Production site and warehouse in Carpeneda, hamlet of Vobarno.

Location: Carpeneda, Vobarno (Brescia) Surface area: 34,104 sq.m (of which 10,243 sq.m indoors)

No. of employees: 36

Activity: production of raw materials from recyclable material









VALSIR - Carpeneda 2 Factory

Production site and warehouse in Carpeneda, hamlet of Vobarno.

Location: Carpeneda, Vobarno (Brescia)

Surface area: 54,974 sq.m (of which 8,507 sq.m indoors)

No. of employees: 7

Activity: commercial and production site and warehouse

ALBA

Commercial and production site of kitchen sink traps and drains.

Location: Rodengo Saiano (Brescia)

Surface area: 18,696 sq.m (of which 10,992 sq.m indoors)

No. of employees: 73 Production: • Traps

• Kitchen sink drains

VALSIR - Montagny warehouse

Valsir commercial facility and warehouse near Lyon.

Location: Zac du Baconnet, 69700 Montagny (France)

Surface area: 10,970 sq.m (of which 2,990 sq.m indoors)

No. of employees: 20 Activity: warehouse







VALSIR POLSKA

Production of PP and HDPE pipes.

Location: ul. Przemysłowa 7A, Skawina (Poland) Surface area: 19,895 sq.m (of which 5,424 sq.m indoors)

No. of employees: 22

Production:

- Pipes and fittings for polypropylene waste systems up to Ø 160 mm
- Pipes and fittings for HDPE water supply systems up to Ø 315 mm

VALSIR INDIA

Commercial facility in Mumbai.

Location: S-7/8, Pinnacle Business Park, Mahakali Caves Rd., Near Ahura Centre, Andheri (E), Mumbai 400093 Maharastra (India)

Surface area: 200 sq.m indoors

No. of employees: 5

Activity: commercial facility



VALSIR AUSTRALIA

Commercial facility in Australia.

Location: Perth - Western (Australia) Surface area: 700 sq.m No. of employees: 5 Activity: logistic-commercial facility and production of MFV assemblies









VALSIR UNEEQ

Two commercial facilities in South Africa: Cape Town and Johannesburg.

Location: 49 Brunton Circle, Foundersview South, Modderfontein, Johannesburg (South Africa)

Surface area: 1,800 sq.m (of which 1,390 sq.m indoors)

No. of employees: 15

Activity: commercial-logistic facility

Location: 16 McLaren Drive, Racing Park Killarney Gardens, Cape Town (South Africa)

Surface area: 1,600 sq.m (of which 1,600 sq.m indoors)

No. of employees: 7

Activity: commercial-logistic facility

OLI - Sistemas Sanitários, S.A.

One of the first producers of systems for ceramic flush cisterns. Together with Valsir, it is the second largest flush cistern manufacturer in the world with 2,000,000 units produced every year.

Location: Travessa do Milão Esgueira 3800-314, Aveiro (Portugal)

Surface area: 62,000 sq.m (of which 22,000 sq.m indoors)

No. of employees: 475

Production:

- Exposed and in-wall flush cisterns
- Mechanisms, valves and floaters for ceramic cisterns
- Design plates

OLI

The synergy between OLI - Sistemas Sanitários and Valsir lead to OLI S.r.l. Initially established as a commercial company, it expanded its production to traps, and OLIflex smoke extractors in PPS and stainless steel meant for condensation boilers.

Location: Piani di Mura, Casto (BS)

Surface area: 17,070 sq.m (of which 11,300 sq.m indoors)

No. of employees: 42

- Traps
- Plastic polymer and steel system for smoke extraction
- Floor level shower systems
- Design plates







OLI RUSSIA

Production site in Moscow, Russia.

Location: 11 Promyshlennaia Ul., Troitsk, Moscow, 142190. 9 Promyshlennaia Ul., Troitsk, Moscow, 142191 (Russia)

Surface area: 1,557 sq.m (of which 1,557 sq.m indoors)

No. of employees: 25

Production:

- Internal components for ceramic cisterns
- Logistic HUB

OLI GERMANY

Commercial facility in Germany.

Location: Agria-Industrie Park, Bittelbronner Straße 42-46, 74219 Möckmül (Germany)

Surface area: 1,961 sq.m (of which 1,961 sq.m indoors)

No. of employees: 3

Activity: commercial-logistic facility

VALROM INDUSTRIE

Leader on the Romanian market for the production of HDPE, PP and corrugated pipes for high voltage cables.

Location: Bdul. Preciziei, no. 28, sector 6, Bucharest (Romania)

Surface area: 949,000 sq.m (of which 92,600 sq.m indoors)

No. of employees: 449

- PP systems for water drainage and supply
- HDPE pressurised gas and water supply systems up to Ø 630 mm
- Water treatment and storage systems
- Corrugated pipes for high voltage cables









VALPLAST INDUSTRIE

Valplast is the largest PVC manufacturer on the Romanian market.

Location: Bdul. Preciziei, no. 9, sector 6, Bucharest (Romania)

Surface area: 16,000 sq.m (of which 5,000 sq.m indoors)

No. of employees: 125

Production:

- PVC pipes and fittings for waste systems up to Ø 630 mm
- Drainage and filtration systems
- Electric cable protection systems
- Well pipes and filters

VALROM UKRAINE

The synergistic collaboration between Valrom and Valplast gave rise to Valrom Ukraine, a leader on the Ukrainian market in the production of waste systems.

Location: Vinnitsa obl., 23320 Sutiski, 49, Vinnitsa Ul. (Ukraine)

Surface area: 140,700 sq.m (of which 29,900 sq.m indoors)

No. of employees: 72

Production:

- High density polyethylene (HDPE) pipes for water and gas supply up to Ø 315 mm
- Polypropylene (PP) pipes for waste systems up to Ø 160 mm
- PVC pipes for waste systems up to Ø 500 mm

SINIKON

Leader on the Russian market for the production of PP pipes and fittings.

Location: Promyshlennaya street no. 11, 142190, Troitzk-Moscovskaya obl. (Russia)

Surface area: 40,000 sq.m (of which 12,812 sq.m indoors)

No. of employees: 129

- Polypropylene (PP) pipes and fittings for internal waste systems
- Sound insulated pipes



THINK GLOBAL ACT LOCAL



Valsir today: commercial footprint Valsir sells its products in over 100 Countries, and as such is among the world leaders in the plumbing and heating industry.

A well established player in traditional European and extra-European markets, Valsir is now present also in emerging markets, where it ensures quick and punctual deliveries and a sales and technical support ready to tackle all customers' needs.





Our goal is: bringing traditional Italian industrial quality and innovation everywhere in the world, thus allowing everyone to benefit from easy to install, state of the art and environmentally-friendly technological solutions taking particular care to preserve such a precious resource as water.

We intend to stay true to this commitment by providing our partners excellent services and products, which in turn translate into mutual and steady growth.



MADE IN ITALY, A SYMBOL OF QUALITY



"Good enough is never good enough when you pursue excellence" Italian quality proudly marketed all over the world thanks to sheer excellence of its manufacturing process: this is Made in Italy according to Valsir.

Proud of its deep Italian origins in a market that becomes more global by the day, Valsir retains the whole production process in its plants in Vestone and Vobarno, near Brescia, where all products are conceived, designed, developed, engineered and manufactured using latest-generation technology.

Such a complete control over the manufacturing process, joined with the traditional skill of local manpower, make Valsir products true ambassadors of quality and excellence all over the world.



RELENTLESS INNOVATION AS A COMPETITIVE LEVER



"Today, innovation is unanimously regarded as the most important strategic element in any modern economy" [The Economist] Valsir believes in the power of innovation, thus every year it invests approximately 3.5% of its turnover in Research & Development.

The efforts in this field have materialised in the creation of 21 different and complete product lines with more than 7,000 items.

Over 20 European patents registered.

But this is not enough. Because Valsir never stops learning.



SUSTAINABILITY



Respecting everything that is around us has a cost, but first and foremost a value This lesson was taught us by our valley and its people: efficient processes and reliable products are not the only parameters used to assess the work of a company.

Being aware of the environmental impact caused by our activity has given way to a diverse range of well-structured initiatives. The issue of sustainability has become central, so much so that it now actively involves the organisation as a whole.

Valsir's commitment is basically deployed along two lines: on the one side the products manufactured are environmentally-friendly and recyclable, on the other, we resort to environmentally sustainable processes within high energy efficiency buildings and facilities.



Download here the 2nd Sustainability Report: valsir.it/u/sostenibilita-en



ENVIRONMENTALLY SUSTAINABLE PRODUCTION PROCESSES



ISO 9001 - ISO 50001 - ISO 14001

Maintaining a high quality level in an increasingly demanding market is necessary in order to be able to compete and guarantee product reliability. Indeed, the central pivot of Valsir's corporate philosophy is painstaking focus on quality, as the **ISO 9001 certification** testifies to.

In February 2001, Valsir was Italy's first company in the plumbing and heating sector and was one of the first in Europe to obtain **ISO 9001 certification**.

In August 2017 Valsir S.p.A. was awarded the Energy Management System (EMS) certification under **ISO 50001:2011**. The certificate is the outcome of a thorough assessment process carried out by DNV-GL accreditation body and confirms the company's deep commitment to continuous improvement through a more efficient use of energy; moreover, it proves the compliance to the standard of several company activities.

In January 2018 Valsir S.p.A. further confirmed its environmental commitment by obtaining the **ISO 14001:2015 certification** for its production facility in Vestone. Nevertheless, the certification obtained is just the first step in our environmental protection journey: indeed, our goal is extending the initiative to other local units in the next two years.



VALSIR'S PHILOSOPHY: QUALITY FOR PLUMBING



"Quality has to be caused, not controlled" [Philip Crosby] Valsir's relentless commitment to make quality products is further confirmed by over **200 product approvals** obtained all over the world from the strictest certification bodies (number updated as at 01/04/2019).

In order to maintain excellent quality standards, Valsir has been equipped for years with quality laboratories among the most advanced ones in the plumbing and heating market, constantly updated with the latest technologies.



SERVICE ACCORDING TO VALSIR



Our satisfaction is our customer's satisfaction



Fast deliveries.

Thanks to our logistic hub located in Vobarno, we further improved our delivery service, managing to process our orders in as little as **3 days** (average value).

Valsir, while always making sales through retailers, also offers a delivery service directly to the construction site, avoiding having to load and unload goods at the resellers', while ensuring cost savings for the customer and faster delivery.



TECHNICAL CONSULTING



"The future comes one day at a time" [Dean Acheson]



Valsir technical and planning office supports its customers when designing any system type, by guiding them in their choice of the optimal solution for their needs. In this view, Valsir has developed Silvestro[®], its proprietary plumbing and heating system design software programme.

Quick and very easy to use, the software programme allows to design floor or radiator heating systems but also sanitary water distribution as well as drainage solutions. The issue of all project technical documents as well as the required bill of material is equally easy.

For particularly complex projects or particular problems, Valsir is also by your side when it comes to building sites, by providing before and after sales support on all system solutions.



TRAINING VALSIR ACADEMY



"Quality is about passion and pride" [Tom Peters] Training activities based on the sharing of experience and knowledge as well as on the technical and technological aspects of the products can offer the trainee a substantial and reliable advantage in the long run. This is why Valsir has provided training services for over 30 years and, to this end, founded **Valsir Academy** in order to foster the professional development of consultants, clients and partners through a broad selection of specific update courses and programmes.

Because in Valsir the future is not improvised, but is built day after day.

Every year, Valsir Academy technically trains over 4,000 professionals between installers, designers, clients, client sales force, in-house, at building sites and in design firms.





Available Valsir models

www.valsir.it/u/revit



BLACKFIRE





()PP3



TRIPLUS



SILERE



SIPHONS







RAINPLUS

FLUSHINGSYSTEMS











BRAVOPRESS





PEXALEASY

PEXALBRASS

THE FUTURE OF DESIGN



"It is not the strongest of the species that survives, nor the most intelligent, but rather the one most adaptable to change" [Charles Darwin]







Bimobject awards 2017 - winner

Bimobject awards 2018 - finalist



Building Information Modelling is a system, a process, but also a "philosophy" able to improve the planning, design, construction and management phases of buildings. Valsir S.p.A. applies its essential principles by providing a number of Autodesk Revit[®] models and applications for the plumbing and heating industry.

Valsir's BIMteam has developed its models with the user needs in mind, with the aim of making the design activity simpler but at the same time quicker and more flexible.

Download the Revit model manual: www.valsir.it/u/manuale-revit-en



SOME OF OUR REFERENCES



Valsir is present with its systems in international projects of varying nature and complexity



GTC 41 (Belgrade, Serbia)





Raffles City Chongqing (Chongqing, China)

Mercure Simatupang Hotel (Jakarta, Indonesia)

Renault (Novo Mesto, Slovenia)



Vakkaru Island Resort (Male, Maldives)

Southbeach residences (Singapore, Singapore)

Teatro la Scala (Milan, Italy)



Le Meridien (Limassol, Cyprus)

Iconsiam residence (Bangkok, Thailand)

BBVA (Madrid, Spain)



Vittoria water park (Samara, Russia)



Microbiology laboratory (Cambridge, United Kingdom)





We like what we do



RADIANT SYSTEMS

BATHROOM SYSTEMS













ACADEMY



SEWER SYSTEMS













On the market, Valsir offers advanced high-density polyethylene waste systems installed by welding, connection waste systems in a mix of sound insulating polypropylene and Blackfire[®], PP3, Triplus[®] and Silere[®] mineral fillers; a comprehensive range of pipes and connections for Pexal[®], Mixal[®] and Thermoline[®] water transport solutions; systems floor heating and cooling solutions; Pexal[®] Gas flammable gas distribution system; Rainplus[®] siphonic rainwater drainage system, heat recovery ventilation (HRV) as well as a broad selection of traps and other equipment.

Tropea S, Cubik S and Winner S complete the range: the advanced soundproof in-wall cisterns fitted with a selection of over 270 push plates and exposed cisterns; the floor level shower systems and the MFV system, which stands as the latest evolution for the construction industry, Ariapur mechanical foul odours extractor available in 2 models.

The civil division, founded in 2016, offers sewer drainage systems consisting of pipes and fittings: PVC Basicline and PPEcoforte[®], together with waste water sanitisation and rainwater collection systems.



WASTE SYSTEMS







BLACKFIRE

- Fire resistance in class B1
- Extremely quick and easy to install thanks to the plug-in connection
- Inner white layer to make video inspection easier
- Resistant to negative pressure up to -800 mbar and to positive pressure of **1.5 bar**
- Wide range of pipes and fittings: from Ø 32 mm to Ø 160 mm
- Exceptional resistance to UV rays
- **Compatibility** with all the other Valsir waste systems





)PP3/**PP**

- Extremely quick and easy to install thanks to the plug-in connection
- Resistant to low temperature down to -10°C
- Resistant to non-continuous flows with temperature up to 95°C
- High chemical resistance to substances dissolved in civil and industrial waste water
- Range of pipes and connections from Ø 32 mm to Ø 160 mm
- Broad range of special parts
- (PP3) Sound insulation performance: **17 dB(A)** with a flow capacity of 2 l/s according to EN 14366 (P-BA 92/2014 certified)



TRIPLUS

- Superior sound insulation performance: 12 dB(A) with 2 l/s (EN 14366)
- Extremely quick and easy to install thanks to the plug-in connection
- High shock resistance, also at low temperature, down to -25°C
- Resistant to non-continuous flows with temperature up to 95°C
- A broad range of pipes, connections and accessories from Ø 32 mm to Ø 250 mm



SILERE

- Excellent sound insulation performance: 6 dB(A) with 2 l/s (EN 14366)
- Extremely quick and easy to install thanks to the plug-in connection
- Highly resistant to low temperature down to -20°C
- Resistant to non-continuous flows with temperature up to 95°C
- High resistance to chemicals dissolved in waste water
- A broad range of diameters, from Ø 58 mm to Ø 160 mm





- High resistance to UV light as well as main chemical compounds
- Ideal for the prefabrication of system parts
- Suitable for non-continuous flows with temperature up to 95°C
- Joints: electrical sleeve welding, butt-welding, mechanical
- A broad range of pipes, fittings and accessories from Ø 32 mm to Ø 315 mm

- El 240 certified (fire resistant for over 4 hour), wall or slab mounted in compliance with UNI EN 1366-3
- Authorisation for 7 different materials: (PP, HDPE, Triplus[®], Silere[®], PVC, ABS and SAN+PVC) according to standard UNI EN 1366-3
- Protective reinforcement flaps allowing to place a mechanical barrier increasing the fire resistance of the collar
- Diameters: from Ø 32 mm to Ø 160 mm
- Easy and quick wall installation also on pre-installed pipes



RESTRAINT COLLARS

- Slide-proof brackets stop pipes and connections from sliding when subject to inner stress, external stress or dilation
- The screw allows to manually tighten the bracket quickly and rapidly, also making the system reusable
- Optional seal supplied for buried applications
- Suitable for negative or positive pressure systems
- Suitable for situations in which the drain pipe cannot be properly clamped into position
- Range of diameters from Ø 32 mm to Ø 250 mm





WATER SUPPLY SYSTEMS







PEXAL

- Combines the advantages of metal pipes with those of plastic pipes
- Total oxygen- and light-tight thanks to the aluminium lining
- Ideal for floor heating and cooling systems
- Certified for drinking water transport
- Maximum operating pressure up to 10 bar with temperature up to 95°C
- Outstanding bending flexibility (also manual bending) and shape stability on the long term
- Range of diameters, from Ø 14 mm to Ø 90 mm





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- Ideal for floor heating and cooling systems
- Certified for drinking water transport
- Maximum operating pressure up to **10 bar** with temperature up to **95°C**
- Outstanding bending flexibility (also manual bending) and shape stability on the long term
- Range of diameters, from Ø 14 mm to Ø 32 mm

- Extremely light and easy to handle
- Oxygen barrier on the outer layer of the pipe
- Great solution for floor heating and cooling systems
- Resistant to temperatures up to 95°C with peaks up to 100°C
- Range of diameters, from Ø 12 mm to Ø 25 mm



PEXALBRASS

- Compatible with a broad range of pressing profiles (H, TH, U, C, VAL)
- Leak indicator during the commissioning test if not pressed
- Slide-proof profile and double seal
- Broad range of set-ups and accessories
- Certification for drinking water transport
- Range of diameters, from Ø 14 mm to Ø 90 mm







PEXALEASY

- Pressure drop reduced to a minimum thanks to complete flow
- Complete lack of oxidisation or corrosion
- Outstanding mechanical and wear resistance
- Very quick and extremely easy to install
- Chemical resistance to main substances dissolved in water
- Certification for drinking water transport
- Range of diameters, from Ø 14 mm to Ø 75 mm



BRAVOPRESS

- Compatible with a broad range of pressing profiles (H, TH, U, B, F, C, VAL)
- Complete lack of oxidisation or corrosion
- Chemical resistance to main substances dissolved in water
- Certification for drinking water transport
- Diameters from Ø 16 mm to Ø 63 mm



PEXALTWIST

- Extremely easy to install without the need for specific tooling
- Demountable joint
- Slide-proof profile and double seal
- Certified for drinking water transport
- Diameters from Ø 14 mm to Ø 32 mm



GAS SYSTEMS







PEXALGAS

- Combines the advantages of metal pipes with those of plastic pipes
- Compatible with the Valsir Pexal[®] Gas pressed multi-connection line (suitable for the most common pressing profiles on the market: U, TH, H, C, VAL)
- Total gas- and light-tight thanks to the aluminium lining
- This connection system gets rid of electrochemical corrosion caused by stray current
- Outstanding bending flexibility (also manual bending) and shape stability on the long term
- Range of diameters, from Ø 16 mm to Ø 75 mm


RADIANT SYSTEMS



RADIANTSYSTEMS

- More thermal well-being, and consistent room temperature distribution
- Superior energy savings
- Large heat exchange surface at a low temperature
- Compliance with environmental comfort, hygiene and humidity conditions
- No need to intervene on plaster, wooden floors or fixtures
- No architectural constraints
- Ideal for every type of building or needs



FLUSHING SYSTEMS







FLUSHCISTERNS

- High tech inside, thanks to a new, patented outlet valve
- Components made with materials that stop scale from collecting, thus ensuring high reliability over time
- Easy and flexible installation thanks to a multitude of versions and innovative installation solutions
- Suitable for all types of seats
- Broad range of metal, chromed, ABS or Design push plates
- Compliant with requirements under EN 14055 and CE marking





MOUNTINGFRAMES

Valsir offer four type of frames for the installation of bidets, sinks, toilet seats and urinals.

The Fixsystem line is made of zinc coated sheet, while the free-standing Block and Block lines are tubular and corrosion proofed.

Designed and built to provide multiple installation solutions, the Fixsystem, free-standing Block and Block frames ensure reliability and easy fix.



PLATES

With a rigorous and essential style, Valsir combines its cisterns with a range of plates and controls finished in various designs, with ABS or metal. Valsir plates and controls meet the strictest functional criteria and play a pivotal role in the aesthetic expressed through the position of the toilet seat in the bathroom, giving it a distinctly Italian personality and appeal.

The Design push plate line includes over 270 models made with innovative and sophisticated material, in multiple finishes and sizes, which allows a distinguished and personal touch in every bathroom.



OARIAPUR

- Combined extraction from the seat and the room
- Extremely silent
- High extraction capacity
- Design suitable to all environments
- Automatic operation and multiple activation modes
- Choice between two models



HRV SYSTEM







OHRVSYSTEMS

Machines

- High mechanical ventilation efficiency heat recovery units
- The range includes ventilation machines with integrated winter and summertime dehumidifier
- Units may be connected with the radiant system and both systems can be managed directly from on-board electronic components
- Health and hygiene improvement thanks to autonomous and continuous air exchange
- Savings thanks to reduced energy consumption
- Higher energy class





OHRVSYSTEMS

Accessories

- Full range of accessories to assemble a complete heat recovery ventilation system
- Flexible or rigid pipes in various sizes for connection with machines and distribution boxes
- Plastic distribution boxes or insulated boxes for integrated dehumidified air treatment
- Distribution pipes in the round and oval versions to reduce the space required for installation
- Reversible grid holders for easier, more flexible installation
- Design grids for all aesthetic requirements

O BREZZA60

- Higher living comfort: Brezza60 prevents temperature drops caused by opening the windows to circulate the air in your apartment
- It gets rid of bad smells
- Health and well-being: thanks to the continuous flow, the air in your home is always fresh and prevents mould formation and humidity build-up
- Money and energy savings
- Easy to clean and maintain
- Ideal solution for non invasive refurbishing projects



SIPHONIC DRAINAGE SYSTEMS







RAINPLUS

- **Cost-effectiveness** versus conventional, reduced diameter systems with a smaller number of manholes
- Less space required
- **Self cleaning** conduits through total pipe filling and the high speed flow
- Environmentally sustainable: thanks to the ability to collect and use rainwater
- Better design flexibility with remarkable freedom in defining and designing the system
- Quicker installation and reduced masonry work











TRAPS

- Complete range for all types of installations
- Special models for shallow installations (T-58 siphon)
- Complete systems consisting of a trap and waterproof foil
- Functional and innovative design
- The range includes models suitable for full inspection
- Compatible with all types of pipes on the market
- Made with technologically advanced materials
- Sink traps



BATHROOM SYSTEMS



SHOWERSYSTEMS

- X-CENTER: floor level system with central grid
- X-CENTER70: floor level system with central grid as well as lowered siphon
- X-BORDER: floor level system with side grid
- X-CORNER: floor level system with concealed corner outlet



1 k 2



- 50 mm of hydraulic seal
- ABS siphon body for better fit with seals
- Adjustable siphon body height
- Adjustable stainless steel grid support for a perfect fit with the thickness of the coating
- Grid length: 300-700-800-900-1000-1200 mm



- Quick: remarkable savings can be achieved during installation
- Extremely clean installation site: the system does not require to demolish or replace anything
- Simple to install: the installation does not require any special equipment
- Valsir technical support during the design and construction phases
- A single supplier the installer all the way to plastering, to be followed by tiling work
- Two models available: MFV/S1 and MFV/S2



- Allows free-standing walls, safe and easy to install
- Designed and developed to simplify building site work and reduce waiting time between one operation and the following, accelerating installation and ensuring maximum architectural flexibility
- Full range of toilet seat, bidet and suspended sink frames, shower and in-wall tub mixer systems, empty systems of various sizes as well as a comprehensive range of accessories
- The installation of an MFV Modules system was optimised in order to reduce installation constraints and rules while allowing a single operator to install it in full independence



SEWER SYSTEMS







PPECOFORTE

- The pipe, connection and seal combo designed to last longer
- Broad range of diameters, from 110 to 500 mm
- Resistance class SN4, SN8, SN12 e SN16 for any type of application
- High-resistance of external and internal surface against abrasion and chemical substances
- Broad range of connections and accessories
- Resistant to non-continuous temperature between
 -10°C and +95°C without issues or breakages
- Perfect water tightness thanks to locked seals
- Particularly light system, allowing easy handling in the construction site





PVCBASICLINE

- High resistance to corrosive substances in soil and waste water
- Limited load losses thanks to the smooth inner surface
- Optimal resistance in case of algae or bacteria
- Perfect water tightness thanks to the socket connection with EPDM, three-element elastomer seal
- Broad range of diameters, from 110 to 500 mm
- Particularly light system, allowing easy handling in the construction site

Connex®:

- Suitable for PVC, PP, HDPE, smooth-walled pipes
- Perfect water tightness thanks to four seals, swivel connection up to 11°
- Broad range for pipes up to 1500 mm in diameter and 31.8 mm thickness

Fabekun®:

- Suitable for concrete, stoneware, metal or cast iron tubes with diameter up to 2400 mm
- Perfectly tight thanks to the triple seal
- Swivel connection up to 13°

VPC®:

• Suitable to connect pipes of different diameters and/ or materials, also suitable to repair dam-aged pipes

Funke® products.



Accessories:

- Single and double plate check valves installed to prevent the risk of flooding, with diameter from 110 to 200 mm
- Siphons with diameters from 110 to 400 mm
- Single-block, PE inspection manholes with diameters 315-400-500 mm for sewer inspection
- Inspection chambers with diameter 1100 mm and entry 640 mm for personnel access during inspections







WATER TREATMENT





WATERTREATMENT

Valsir supplies a solution for all water cycle management phases, with the goal of preventing water waste, since this resource is precious for us and the environment.

The available treatment programmes allow complying with the limits applicable to sewer drainage, underground conduit spillage, dispersion in surface water bodies or in the ground.





PRIMARY TREATMENT SYSTEMS

- Primary treatment means the set of treatment processes applied to remove macroscopic contaminants, grease, oils and floating materials found in waste water being discharged exclusively in sewer systems, unless otherwise provided by local regulations
- Primary treatment is performed using grease separators, Imhoff tanks and septic tanks



- Treatment meant to reduce BOD₅ below regulatory levels. The systems are fitted with aerobic and anaerobic percolating filters with or without air insufflation or total oxidisation, activated sludge systems
- The treatment triggers biological reactions, bio-film or suspended biomass. These treatments are always preceded by primary treatment



TREATMENT SYSTEMS FOR RAINWATER

 Rainwater processing systems for water collected from paved surfaces, waterproof surfaces, workshops or petrol stations. The systems include grease removal treatments to remove hydrocarbons and floating substances and sand removal treatments to get rid of sands and sedimentable suspended solids

COLLECTION AND RECOVERY OF RAINWATER

• Rainwater treatment systems of varying sizes, which allow to sanitise and reuse the treated water in irrigation systems or to flow it back into the water cycle, to be later used in flush cisterns



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Note: When reference is made to «Valsir» it is taken to mean «Valsir S.p.A. based in Località Merlaro, 2, 25078 Vestone, Brescia». Otherwise stated as «Valsir Group». The figures indicated were updated on 31/12/2018.





WASTE SYSTEMS

SUPPLY SYSTEMS

GAS SYSTEMS

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TRAPS



DRAINAGE SYSTEMS



HRV SYSTEM



ACADEMY



SEWER SYSTEMS



WATER TREATMENT







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