

GENERAL CATALOGUE





1970
40 years



2010 of history



WIERER S.P.A.

1970 – 2010 40 years of history

Camini Wierer was established in 1970 by the three Wierer brothers Franz, Wilfried and Josef. Already partnered with three other brothers in a legendary corporation, they decided to break out and start their own business.

Driven by keen business sense, encouraged by the experience and charisma of the more famous brother Rudi, their will to create a successful business immediately focused on innovation and meeting standards.

In fact, a legal decree that enforced flue construction restrictions sparked this company to life. The idea of focusing on a high quality and patented product, the refractory chimney, was already, at that time, an innovative and winning choice.

Convinced and tenacious, despite the period's construction sector crisis, Franz, Wilfried and Josef believed in this product and were proven right in time.

The company constantly expanded at a



dizzying pace, gradually gaining recognition until becoming the sector leader.

Over the years, the owners met the challenges of new market areas and product diversifications to become what they are today with five subsidiaries and 367 employees.

Despite the expansion, the company mission has never changed: the company values have remained the same, reinforced by the successful results.

These values are to abide the law – meaning

regulations – and achieve high product quality.

Two cornerstones, these, that still distinguish Camini Wierer and the personality of the generation that leads its success: passion, tenacity, consistency and innovation abiding by the law.

This is what daily drives the entire Camini Wierer team and allows it to constantly lead the market.

"Without highly dedicated people, putting in more than what's due, our and the economy's future is on shaky grounds. We owe Rudi Wierer our high respect and deep appreciation for his lifetime's work, especially due to his unique ability to forge new roads and take responsibility for himself and others, conveying us his experience".

*Wierer Story,
Robert Weissensteiner – Horst Unterfrauner*



WIERER S.P.A.





INNOVATION BY VOCATION

For forty years Camini Wierer has been the Italian leader in the production of Stainless steel, Ecoceramic and Refractory flues.

A company that has always stood out for its innovation, safety, product quality and customer service.

Camini Wierer's primary goal is to satisfy Customers, compelling research and development to meet market demands, day after day.

The vocation for innovation brought to life the revolutionary CONIX® system, the top of Camini Wierer's range, marking a momentous event: the decision to permanently eliminate the old system with gaskets from its product portfolio. A radical decision, supported by full confidence and faith in their product.

The strategic goal held such an important meaning for the company that they included in the product logo. This



CERTIFICAZIONE **TUV**
of system by
UNI EN ISO
9001:2000



CERTIFICAZIONE **TUV**
of product by
TUV
EN 1856-1



CERTIFICAZIONE
WELDING
PROCESS
for steel chimneys



market strategy will lead to the historic disappearance of silicone gaskets from the world by October 10th, 2010. Innovation by vocation.

Camini Wierer's vocation is differentiation, the continuous pursuit of innovative and diversified product solutions for real product users. Camini Wierer brings forty years of experience to the table for them, to resolve problems tied to the delicate but exciting chimney question.

Choosing Camini Wierer means choosing quality and safety, trusting in a stable and reliable partner who offers the know-how it acquired over forty years of history and experience.



CERTIFICATE

1009 CPO 1404 002



In accordance with the Decision 94/60/EEC of the Council of Ministers, Commission No. 47/2 December 1994 on the approximation of laws, regulations, and administrative provisions of the Member States relating to the construction products (the Construction Products Directive - CPD) awarded to the Product Group 1 of the Council of Ministers Commission of 22 July 1993, 1 for the construction products

System Chimney CONX DUC WU
EN 1856-1 T450 P1 W12 L8040 C00

produced by

Cemini Winer S.p.A.
Via Fontanelle, 3
137025 Ronco all'Adige (VR)

with factory

Cemini Winer S.p.A.
137025 Ronco all'Adige (VR)
Cemini Winer S.p.A.
138042 Bressanone (BZ)

in accordance

the initial type testing performed by
TUV SÜD Ostbayern AG and TUV SÜD West AG - 130-0001, and
a factory production control

The notified body TUV SÜD Ostbayern AG and TUV SÜD West AG performed the initial
inspection of the factory and the factory production control, and approved the
factory production control, assessment and approval of the factory production control.

This certificate attests that the products conforming to the standards of the
product group 1 of the CPD, and are not marked with the CE mark.

EN 1856-1:2004-08

was issued.

This certificate was first issued on 20/04/2012 and will remain in force until the
expiry of the certificate. The certificate is valid for the construction products of the
Construction Products Directive (CPD) awarded to the Product Group 1 of the
Council of Ministers Commission of 22 July 1993, 1 for the construction products

Number: 1009 CPO

1. 10

The certificate holder is responsible for the validity of the certificate.





SERVICE AND KNOW-HOW

The in-house Camini Wierer design team guarantees customer support in every purchase process phase, from rough dimensioning to complex system design to special custom piece production, offering a highly specialised and sector exclusive consulting service.

The extensive sales force provides full market coverage, providing personalised skills and consulting for customers.





ECONOMIC AND UNIVERSAL





*Guest Quarters
Calzedonia - Verona*

Stainless steel Camini Wierer

The right type of chimney and correct sizing of the fireplace strongly determine the use and amount of heat generated.

Camini Wierer's range of stainless steel chimneys perfectly meet all installation needs without foregoing aesthetics. The main materials, austenitic stainless steel and copper, come with a broad range of splendid outer finishes: glossy and semi-glossy, natural

or silk, electrocolouring in tones of bronze, blue, gold, red, purple and green, or painted in any RAL colour.

Camini Wierer can also design and produce chimneys for incinerators, for conveying solids, for roasting coffee and any other non-standard applications, tailoring these to your needs and resolving all problems associated with static and fluid dynamics.

CONIX® MONO, CONIX® DUO, CONIX® DUO RAME E CONIX FIRE®: economic and universal.

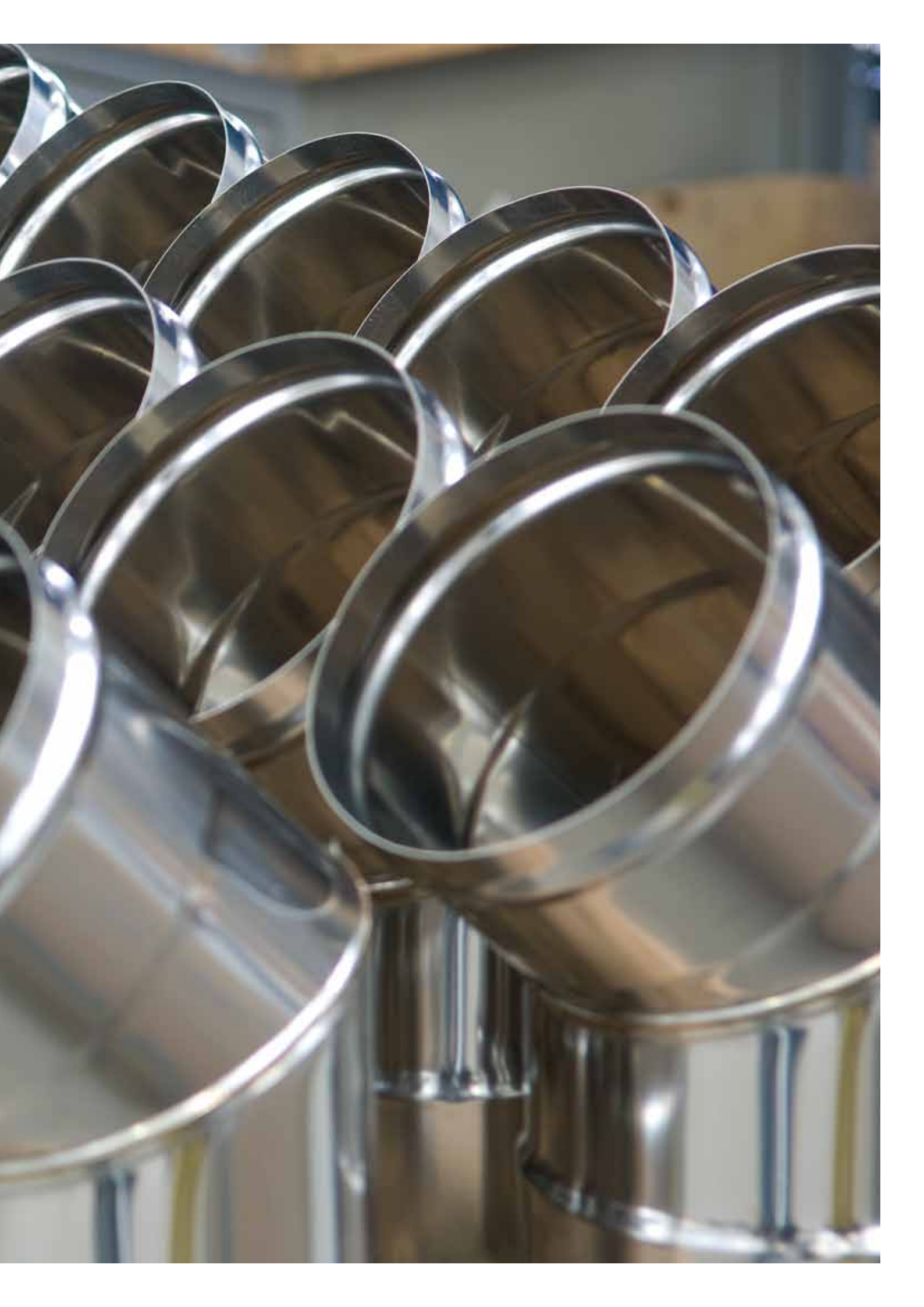
The CONIX® System comes in the CONIX® MONO-KI single wall version and in dual wall versions CONIX® DUO-JI, with stainless steel external wall, and CONIX® DUO COPPER-JR, with natural copper external wall and the CONIX FIRE®- KF version.

Economic and universal, CONIX® MONO,

CONIX® DUO, CONIX® DUO COPPER and CONIX FIRE® safely resolve any smoke exhaust problem for civil and industrial systems, from the smallest home boiler to co-generators for heating plants with any type of fuel.







Revolutionary advantages!

The CONIX® system ensures series of revolutionary advantages.

The quick-coupling flue revolution without gaskets and straps.

1 Smoke and condensation seal

The recent heat generator technological evolution has demanded higher performance from smoke exhaust systems.

The seal levels for pressurised smoke and condensation produced by cold smoke are now essential chimney requirements. The conic CONIX® joint guarantees seal at 5,000 Pascal, guaranteeing higher performance and safety than any other on the market.

2 Elimination of silicone gaskets and risks associated with their easy wear

Recent experiences have taught us how high the risks are with silicone gaskets, especially with condensation.

The corrosive capacity of acidic condensation and poor temperature resistance make silicone gaskets the weakest link in the smoke exhaust system.

The best way to solve a problem is to eliminate it and that is what CONIX® has done.





3 Improved draught

A chimney with a better seal is a chimney that provides better system performance. Less joint leaks means better system draught.

4 Easy and fast installation

The conic joint guarantees superior performance levels without the use of gaskets and locking band. The advantage in terms of safety is already known but the cost and time savings, with a 50% reduction in installation time, are worthy of note.

5 Universal

Increasingly higher device and fuel differentiation forces the installer to make choices.

What characteristics will the smoke have from this system?

What chimney should be used?

And if I have to change the generator at the last minute?

There is just one simple response to the myriad of questions on chimney choice: CONIX®.

CONIX® marks the birth of the universal chimney: the safe choice, always.



CONIX® MONO

When applicable

CONIX® MONO is ideal for installation in pre-existent brickwork or to renovate old chimneys and is also excellent for new constructions or renovations.

Available diameters (mm):

60 - 80 - 100 - 120 - 130 - 150 - 180 - 200
250 - 300 - 350 - 400 - 450 - 500 - 550 -
600 - 700 - 800 - 900

Steel quality

AISI 316L steel with BA (polished) finish
steel thickness in mm:
0,4/0,5/0,6/0,8/1,0

Joints and custom accessories

The CONIX® range is able to meet all normal installation needs.

Camini Wierer is able to quickly create custom joints and accessories for any need.



CONIX® MONO

The single wall CONIX® MONO chimney system safely resolves any smoke exhaust problem for civil and industrial systems, from the smallest home boiler to co-generators for

heating plants with any type of fuel.

The single wall CONIX® MONO-KI chimney system is made up of AISI 316L type stainless steel modular circular section parts.



CONIX® MONO
is ideal for old
chimney renovations.



CONIX® MONO
is ideal for installation
in brickwork.







CONIX®DUO

When applicable

CONIX®DUO was designed for fast and easy beautiful installations in full view.

CONIX®DUO'S significant aesthetic advantages:

- Joints are practically invisible from the outside
- No unsightly straps
- Semi-glossy stainless steel external finish that reduces annoying light reflections and perfectly matches the architectural context.
- Colour variations available, finished pieces produced on order in any RAL colour.

Available diameters (mm):

internal measurements 80 - 100 - 130 - 150 - 180 - 200 250 - 300 - 350 - 400 - 450 - 500 - 550 - 600 700 - 800 - 900

Steel quality

internal wall:

AISI 316L steel with BA (polished) finish

external wall:

AISI 304 steel with 2B (semi-glossy) finish

insulation thickness in mm: 25/50

steel thickness in mm: 0,4/0,5/0,6/0,8/1,0

Custom joints and accessories

The CONIX® range is able to meet all normal installation needs.

Camini Wierer is able to quickly create custom joints and accessories for any need.

RAL scale colours



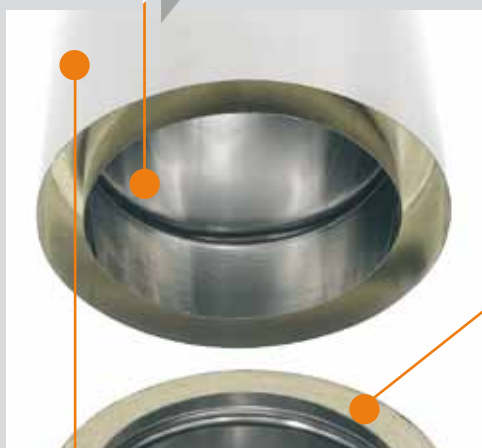
CONIX®DUO

CONIX®DUO resolves any smoke exhaust problem for civil and industrial systems (working temperatures up to 600°C with maximum 1,000°C peaks) and can be used to create chimneys for single flues or grouped flues for forced draught C type equipment or

branched grouped flues for natural draught B type equipment.

The CONIX®DUO-JI dual wall chimney system is made up of three concentric layers of modular circular section parts.

- 1 Internal wall in direct contact with smoke, made of AISI 316L type austenitic stainless steel, laser or Tig welded with certified welding processes.



- 2 Intermediate layer acts as insulation, made up of high density (110 kg/m³) radiating basaltic rock wool with 25/50 mm thickness and 0.058W/mK conductivity (at 200°C temperature).

- 3 External wall designed to protect and encase the insulation, made of AISI 304 type austenitic stainless steel, laser or Tig welded with certified welding processes.





CONIX®DUO COPPER

When applicable

CONIX®DUO COPPER resolves any smoke exhaust problem for civil and industrial systems (working temperatures up to 600°C with maximum 1000°C peaks).

It offers highly aesthetic features and can be used to create chimneys for single flues or grouped flues for forced draught C type equipment or branched grouped flues for natural

draught B type equipment.

The CONIX®DUO COPPER-JR dual wall chimney system is made up of three concentric layers of modular circular section parts.

Available diameters (mm):

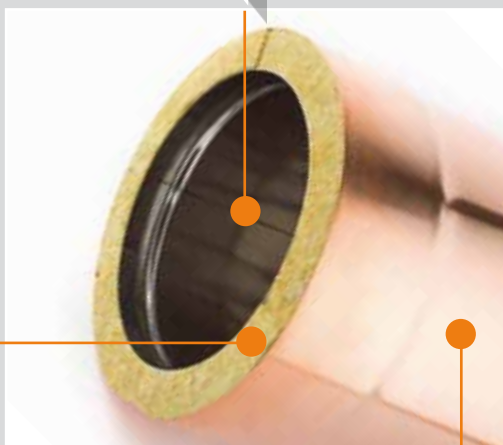
80 - 100 - 130 - 150 - 180 - 200 - 250
- 300 - 350 - 400 - 450 - 500 - 550 - 600



CONIX® DUO COPPER

1 Internal wall in direct contact with smoke, made of AISI 316L type austenitic stainless steel, laser or Tig welded with certified welding processes.

2 Intermediate layer acts as insulation, made up of high density (110 kg/m³) radiating basaltic rock wool, 25mm thick and 0.058W/mK conductivity (at 200°C temperature).



3 External wall designed to protect and encase the insulation, made of natural copper or AISI 304 type copper-plated austenitic stainless steel, laser or Tig welded with certified welding processes.









When applicable

CONIX FIRE® is the new Camini Wierer single wall system specifically designed for the flue fitting world, for solid fuel heat generators such as fireplaces and wood and pellet stoves.

All these require smoke flues made of non-flammable material, able to resist mechanical stress, combustion products and any condensation.

Available diameters (mm):

80 - 100 - 120 - 150 - 180 - 200

larger diameters available upon request.

Steel quality

AISI 316L stainless steel, 0.4mm thick.

Performance

CONIX FIRE® range is able to meet all normal installation needs.



A fireplace or wood or pellet stove flue must be able to guarantee smoke seal since smoke is the main cause of bad room odours and black marks on walls, limit the formation of condensation and avoid reflux into the equipment and potential consequent damages.

CONIX FIRE® provides the highest smoke seal currently on the market (H1 product designation), maximum condensation resistance (V2 product designation) and guarantee against fires caused by soot.

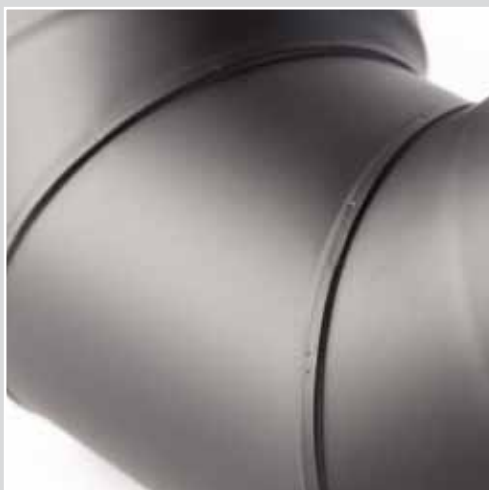
Aesthetics

The warmth of the hearth is the heart of the home. Each detail must be able to perfectly match the surroundings and enhance it with the right aesthetic touches. This is why CONIX FIRE® comes with a prestigious high temperature resistant black silicone paint finish.

CONIX FIRE® is fully free of internal gaskets and external closing straps near joints, “en-

riching” the system with peerlessly simple and elegant aesthetics.

Each modular CONIX FIRE® element perfectly fits the next and the overall system provides an absolutely pure and streamline visual impact.







CONIX®OVALE

When applicable

The single wall CONIX®OVALE chimney system is the ideal solution for smoke exhaust problems for civil and industrial systems, perfect for renovations and refurbishments like, for example, city centres and installations in inner courtyards. Camini Wierer's CONIX®OVALE system boasts the "P1" pressure class (positive working pressure up to 200 Pa).

Available diameters (mm):

120/80 - 140/100 - 150/110 - 18/120
210/150 - 240/160 - 300/200
360/240 - 420/280 - 480/320



Steel quality

AISI 316L steel with BA (polished) finish
steel thickness in mm:
0,4/0,5/0,6/0,8/1,0



CONIX®OVALE

Joins and custom accessories

The CONIX®OVALE range is able to meet all normal installation needs.

Camini Wierer is able to quickly create custom joints and accessories for any need.

The single wall CONIX®OVALE chimney system safely resolves any smoke exhaust problem for civil and industrial systems, from the smallest home boiler to co-generators for heating plants with any type of fuel.

The single wall CONIX®OVALE chimney system is made up of AISI 316L type stainless steel modular circular section parts.



CONIX®OVALE
is ideal for old
chimney renova-
tions.









When applicable

The risk of house fires due to poorly installed flues is, unfortunately, an ever more current problem. This situation is especially risky for wood-burning stoves where smoke temperatures are rather high and the smoke exhaust system must cross wooden structures like the roof. Camini Wierer's ProTetto® is the safest and most practical solution to crossing wooden roofs. The product is approved by DBT, Berlin. In order to simplify and safely install a smoke exhaust system that crosses wooden structures, Camini Wierer has designed and developed a special roof crossing system, efficient, safe and simple to install, made of a new fibreglass insulation material with insulation capacity highly superior to traditional insulation materials such as rock wool. The special composition is able to reduce the distance between the smoke exhaust flue and combustible fuels to just 100 mm compared to the standard 500 mm, permitting direct contact between the crossing element and the wooden structure.

The following is required for installation:

- A hole in the wooden structure
- The roof crossing element inserted and secured
- The roof crossing element covered with a front panel made of vermiculite to create a protection screen against the radiated heat.
- Finish with special finished stainless steel washer.

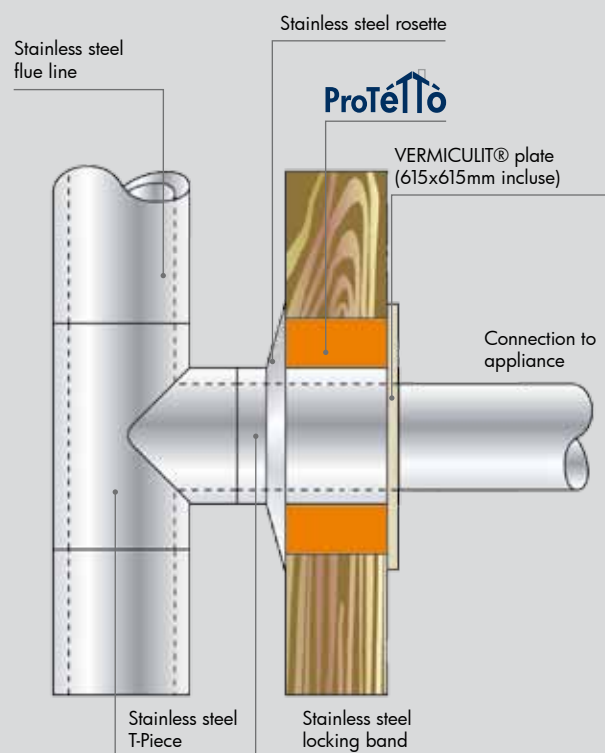
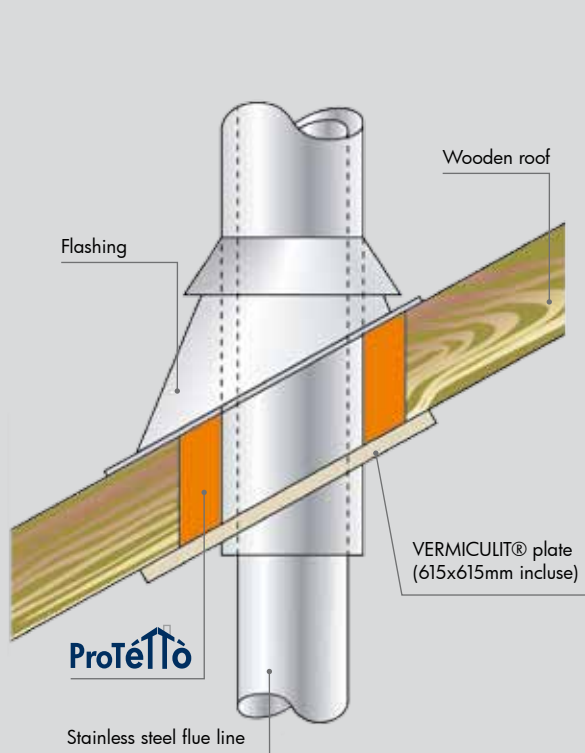
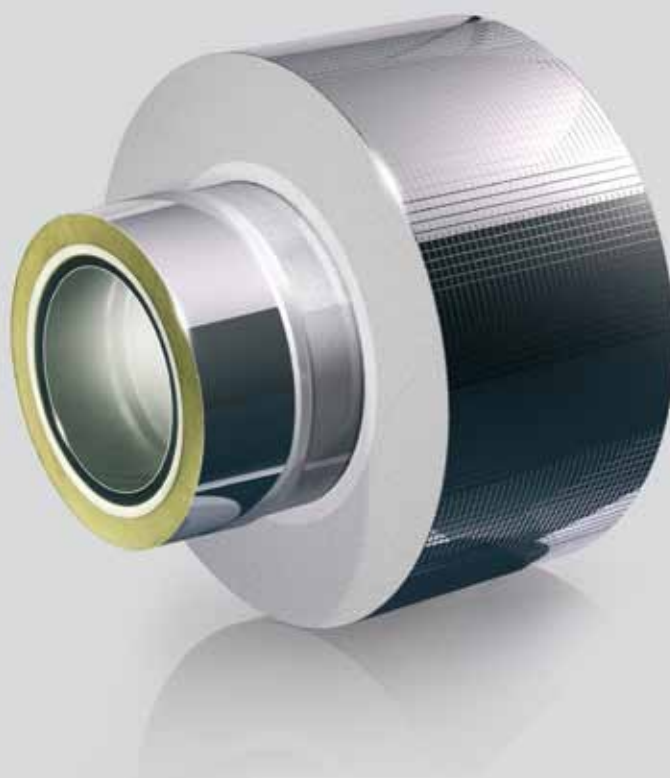
Certificate

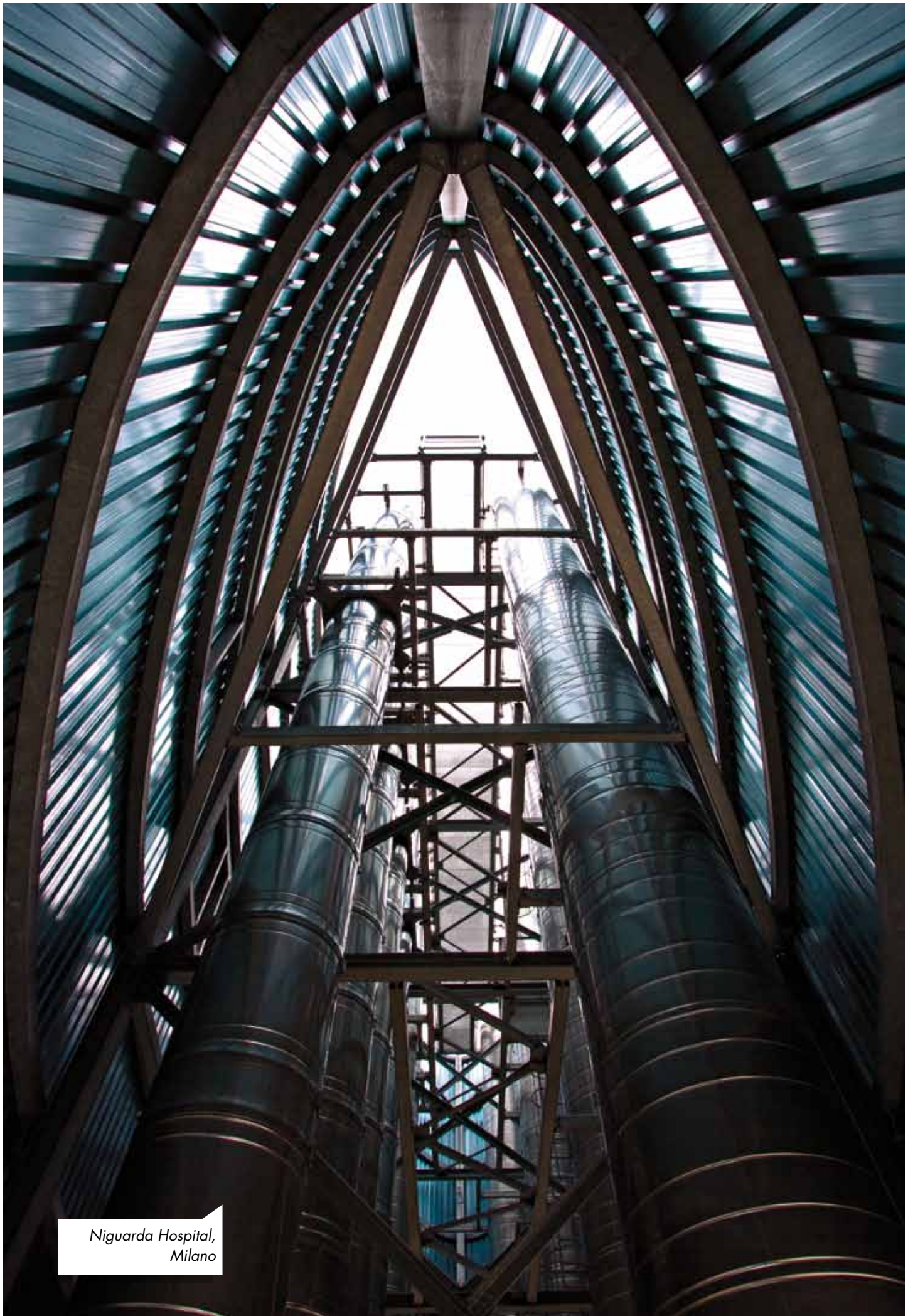
The roof crossing designed by Camini Wierer comes in sizes from 130 mm diameter to 250 mm diameter and to cross structures 12, 24, 36 and 100 cm thick. It was tested and approved by D.I.B.T., Deutsche Institut für Bautechnik, Berlin (certificate number: Z-7.4-3408) and therefore able to offer certified safety.

Available diameters (mm):

Nominal pipe 130 - 150 - 180 - 200 - 350







*Niguarda Hospital,
Milano*

TECHNICAL



CONIX®JH

SPECIAL CONDITION CHIMNEYS

In particularly critical situations such as high pressure, continuous vibrations such as, for example, smoke exhaust from generator units or, more in general, internal combustion engines, Camini Wierer technology reaches its apex with this dual wall CONIX®JH chimney system, able to meet the most extreme design situations.

The dual wall CONIX®JH chimney is made up of modular circular section elements where the internal wall protrudes from the insulation layer and external wall on both ends. This promotes easy single element installation in even the most difficult situations.

Single CONIX®JH modules are also made up of:

- An internal wall, in direct contact with smoke, made of AISI 316L type austenitic stainless steel, laser or Tig welded with certified welding processes, whose joint features a specific locking band that permits perfect assembly and guarantees mechanical seal.
- An intermediate layer which acts as insulation, made up of high density (110kg/m^3) radiating basaltic rock wool, 25mm thick and 0.058W/mK conductivity (at 200°C temperature).
- An external wall designed to protect and encase the insulation, made of natural copper or AISI 304 type copper-plated austenitic stainless steel, laser or Tig welded with certified welding processes and a special joint cover strip.



VERTICAL LI FREED CHIMNEYS FREE WALL BRACKET

Where traditional modular systems cannot be installed due to lack of a vertical wall for chimney mount, chimneys free of static restrictions can be installed with the LI system, a system designed by our Engineering department to meet any need to overcome any design obstacle.

Elements are made up of three concentric layers:

- Internal wall constructed with adequately thick AISI 316L or 304 austenitic stainless steel flanged segments, secured with stainless steel nuts and bolts.
- Internal insulation made of high density basaltic rock wool (110 kg/m³) or ceramic

fibre, 40 mm thick.

- External wall made of AISI 604 austenitic stainless steel with 2b semi-glossy finish, between 0.4 and 102 mm thick according to the diameter.

The system features lined modules coupled by mechanical and static action double groove lock strips, secured with stainless steel nuts and bolts. The heat dilation absorption device inserted at the top of the chimney together with the range's available accessories guarantee perfect system operations and compliance with current regulations.

Available diameters: all, upon order.

HY POLE AND POST SUPPORTS

A series of pole and post supports, specially-designed to solve various problems involving static, complete the stainless steel chimney product range.





FLEX

PRACTICAL





FLEX

When applicable:

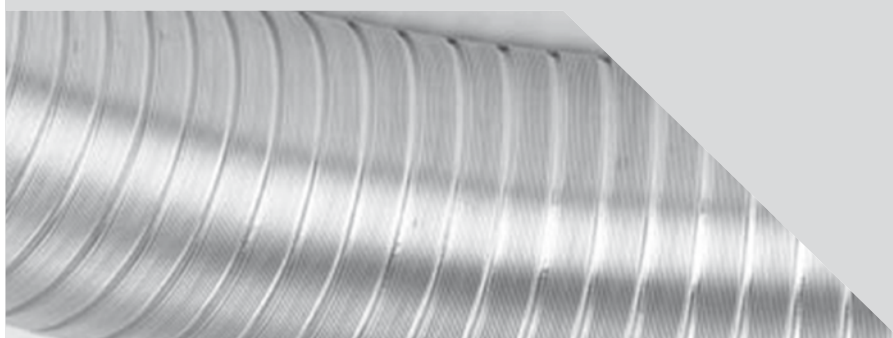
FLEX is the flexible AISI 316L steel flue, indicated for exhausts for smoke generated from liquid or gas fuel and in flue renovations or refurbishments, even for non-vertical and particularly tortuous flues.

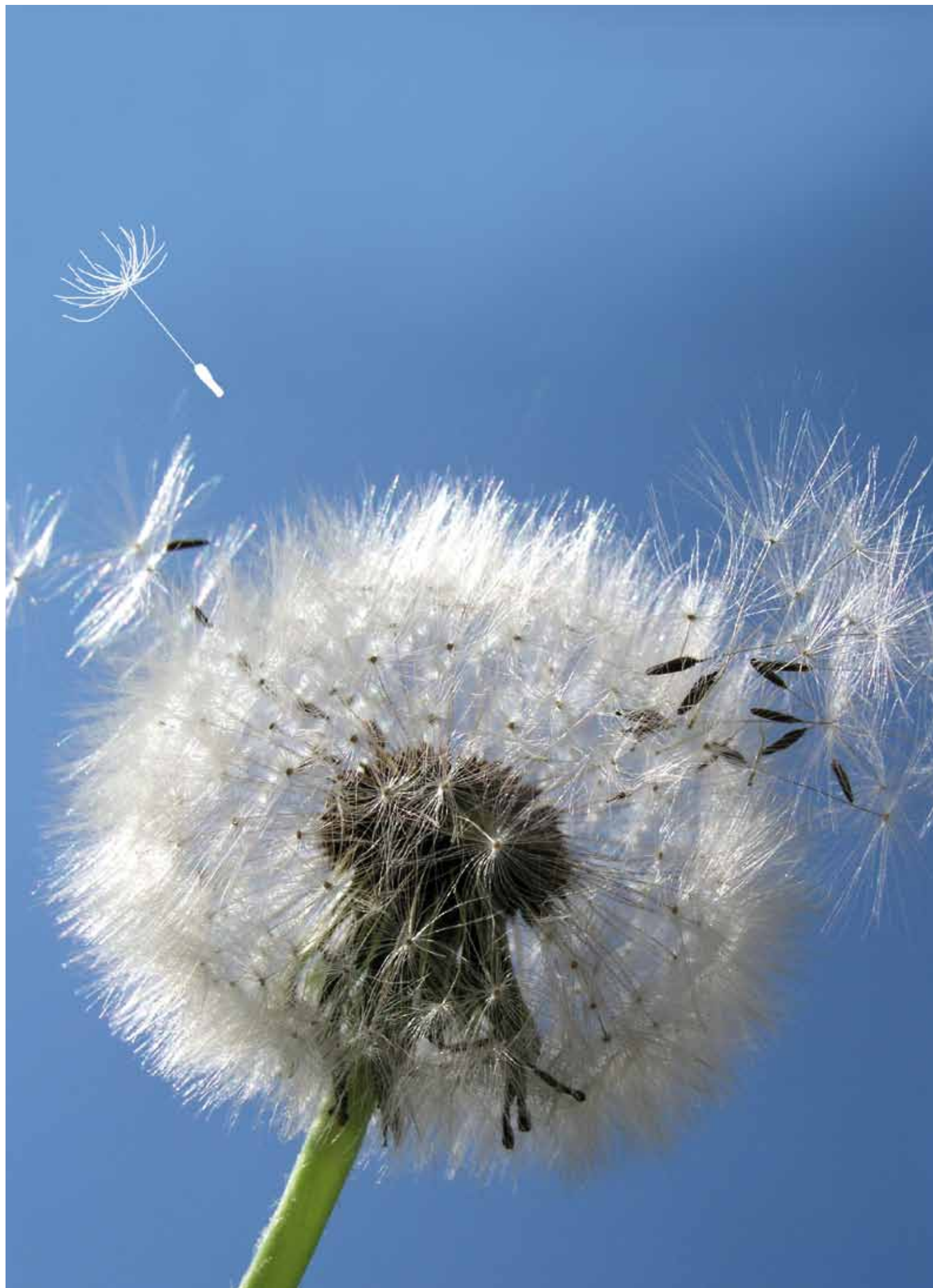
Available diameters (mm):

FLEX comes in two different types:

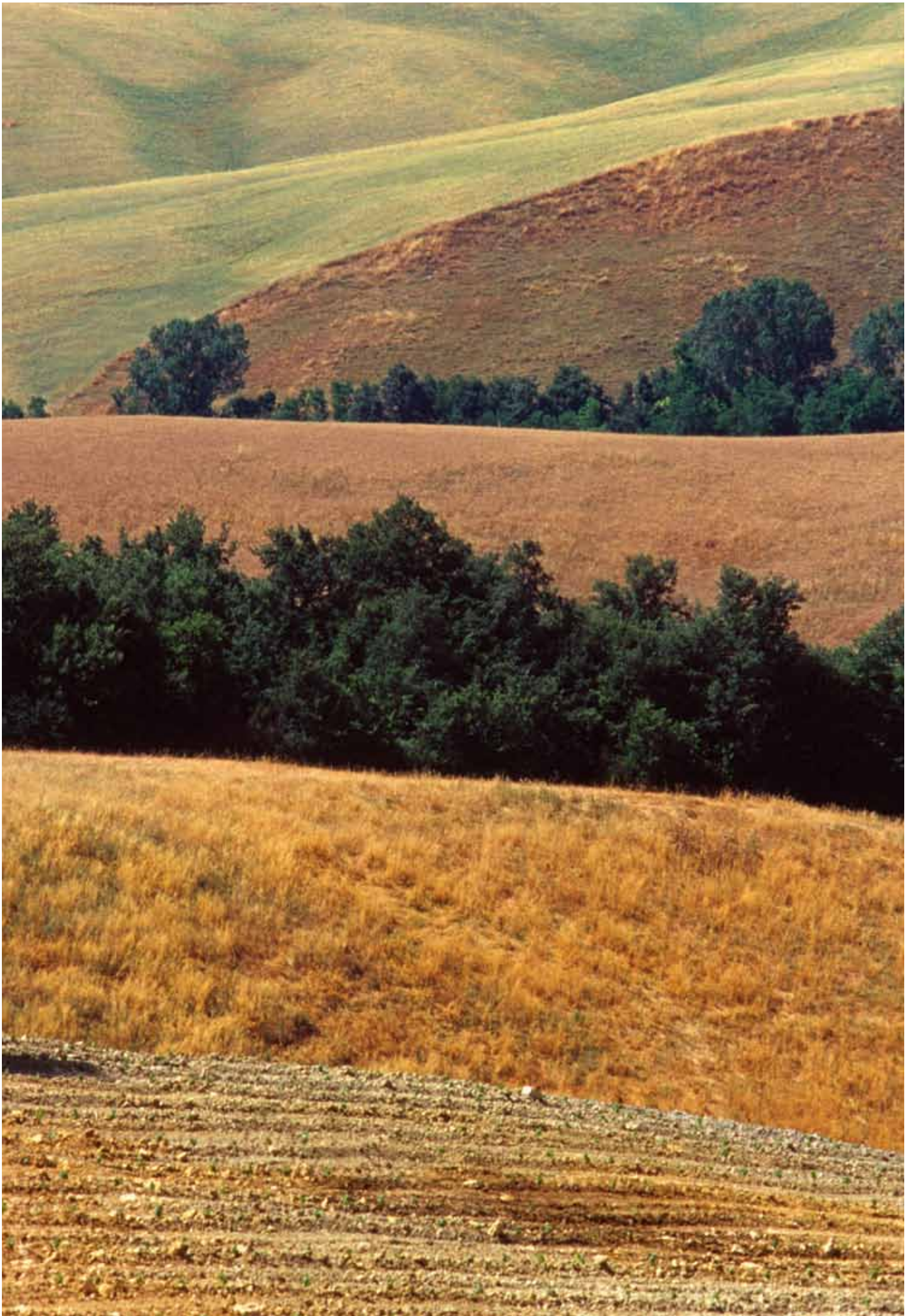
F6 - suited for "natural draught depression" flue installations, available in diameters 113 - 130 - 150 - 180 - 200 - 250.

F7 - flexible flue suited for pressurised flue installation, available in diameters 80 - 100.











HIGH
PERFORMANCE



Advantages and excellence

The ECOCERAMIC AND ECOMIX systems ensure a series of excellent performances

1 Universal

Certified for dry and wet operations, in pressure and depression, with temperatures between 30°C and 1000°C and for any type of fuel. Perfectly suited to work:

DRY

WET

IN DEPRESSION

IN EXCESSIVE PRESSURE

2 Highly aesthetic

Designed for visible installation, ECOMIX elements keep the room's beauty intact while, outside, match the many prestigious architectural variations.

3 High rust resistance

Even when used with highly corrosive solid fuels such as corn, grain, etc., the Ecoceramic and ECOMIX solutions provide superior rust resistance.

4 Convenient and easy installation

Element length - 660 mm - drastically reduces the number of joints and scraps with improved manageability due to lightweight elements only 8 mm thick. The special sealant is packaged ready for use and the product comes with detailed instructions for easy installation.

ECOCERAMICO ED ECOMIX

Thirty-year guarantee against product rusting, highly superior yield and installation cost and time savings are the main performances guaranteed by the Ecoceramic range.

None of the raw materials used to date to con-

struct flues can compete with this low roughness ceramic-based special material in terms of longevity, rustproof properties and condensation resistance.



Dry isostatic pressing

The dry isostatic pressing production process employed for this material reduces retraction phenomena to a minimum and guarantees high precision and guaranteed seal, impossible to obtain with traditional refractory material.

A special joint

The 32 mm deep cup couplings together with the special quartz sealant guarantee a perfect seal for gas and condensation, even in the event of excess pressure.

High resistance to stress

Special processes ensure the highest resistance to shock, weather and mechanical stress in general.



CE ECO CERAMIC PIPE

Internal flue made up of modular ceramic elements, suited for use as a chimney system for generators operated with any type of fuel (gas, liquid, solid).

CE ECO versions, combined with different modular elements and materials, create different systems called:

CE ESSE
SYNTHESIS CHIMNEY

CE ERRE
BACK-VENTILATED AND
INSULATED CHIMNEY

CE EFFE
CONCENTRIC FLUES

Available diameters (mm)

80 - 100 - 120 - 140 - 160 - 180 - 200



- 1 The wall in contact with smoke is made of Ecoceramic material (COE), made up of modular circular section parts with CE markings in accordance with EN 1457 standards.



- 2 Connection joint sealed with acid resistant cement type NISOTT 2010, that ensures smoke and condensation seal and high mechanical resistance.

CE ESSE SYNTHESIS CHIMNEY

The CW ESSE modular flue-block chimney system is ideal for all civil and industrial installations powered by gas, solid or liquid fuel and able to guarantee complete functionality either in dry (D) or condensed water (W) mode.

The CW ESSE system comprises an internal circular duct in ecoceramic material, with external vibration-compressed concrete cladding.

The chimney system is positioned in proximity to the internal or external wall of the building or inside the masonry wall. The system foresees the sole use of the ecoceramic duct enclosed in the external sleeve lining.

In accordance with CE marking, the CW ESSE flue-block chimney system conforms to EN 13063-1 and EN 13063-2 legislative standards governing the following conditions:

EN 13063-1 T400 N1 D 3 G100

solely dry conditions and resistance to soot fire

EN 13063-2 T400 N1 W 2 O100

dry conditions and resistance to condensate

EN 13063-2 T200 N1 W 2 O00

dry conditions and resistance to condensate

Furthermore, in compliance with requirements foreseen by the German approval body, DIBt of Berlin:

T400 N1 W 3 G50

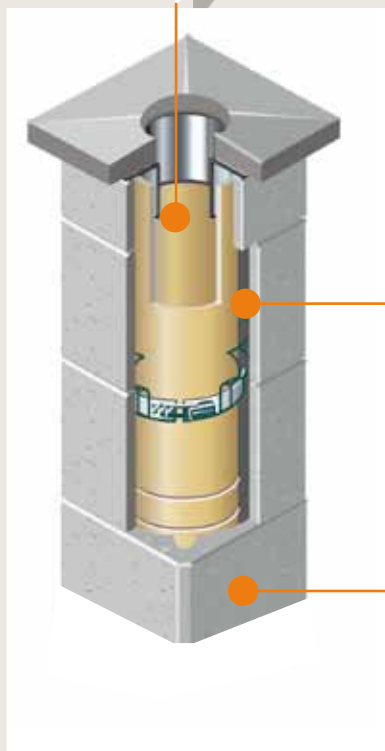
dry and wet operating conditions and resistance to soot fire

Diametri disponibili (mm):

120 - 140 - 160 - 180 - 200



- 1** Flue walls in contact with smoke, manufactured with CE ECO ecoceramic duct lining.



- 2** Air cavities along the length of the duct to allow for the normal expansion of walls coming into contact with the smoke.

- 3** Flue casing with vibration-compressed concrete cladding to protect and support walls coming into contact with smoke.

CE ERRE

BACK-VENTILATED AND INSULATED CHIMNEY

The CW ERRE modular flue-block chimney system is ideal for all civil and industrial installations powered by gas, solid or liquid fuel and able to guarantee complete functionality either in dry (D) or condensed water (W) mode.

The CW ERRE system comprises an internal circular conduit in ecoceramic material, with a layer of insulating material made up of high-density mineral wool panels with external vibration-compressed concrete cladding.

The chimney system is positioned in proximity to the internal or external wall of the building or inside the masonry wall.

One special feature is the back-ventilation system for the insulating layer; this is made up of vertical ventilation ducts with air travelling up through the ducts from a grate positioned at the base of the flue (thanks to the up-draught) before flowing out of the system from discharge slots positioned in the top cover.

The system allows insulating layer characteristics to remain unaltered over time even in the event of potential build up of condensate

between the external sleeve and internal duct.

In accordance with CE marking, the CW ERRE flue-block chimney system conforms to EN 13063-1 and EN 13063-2 legislative standards governing the following conditions:

EN 13063-1 T400 N1 D 3 G50

dry conditions and resistance to soot fire

EN 13063-2 T200 N1 W 2 O00

dry conditions and resistance to condensate

EN 13063-2 T400 N1 W 2 O50

dry conditions and resistance to condensate

Furthermore, in compliance with requirements foreseen by the German approval body, DIBt of Berlin:

T400 N1 W 3 G50

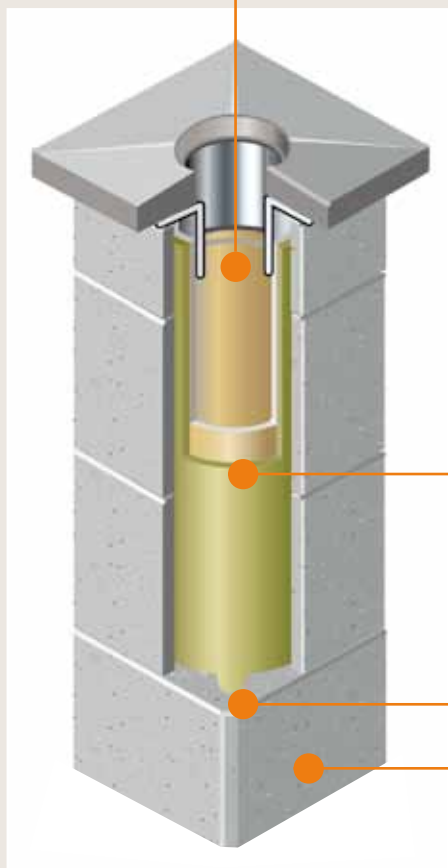
dry and wet operating conditions and resistance to soot fire

Diametri disponibili (mm):

120 - 140 - 160 - 180 - 200



- 1** Flue walls in contact with smoke, manufactured with CE ECO ecoceramic duct lining.



- 2** Insulation cavities, manufactured with high-density mineral wool panels.

- 3** The back-ventilation system allows insulating layer characteristics to remain unaltered even in the event of potential build up of condensate between the external sleeve and internal duct, thanks to openings at the base and top of the flue and slots positioned in the sleeve corners.

- 4** Flue casing with vibration-compressed concrete cladding to protect and support walls coming into contact with smoke.

CE EFFE CONCENTRIC FLUES

The CE EFFE system is designed for single chimneys and grouped flues for type C overlapping boilers with combustion circuit fans.

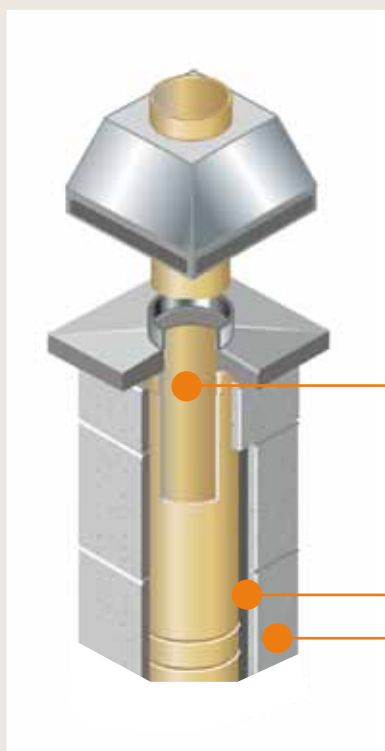
It is the most technologically efficient response to smoke exhaust from methane gas fuelled boilers, with forced flow and airtight combustion chamber.

CE EFFE is made up of two concentric flues:

the first is an internal Ecoceramic combustion gas flue and the second, concentric to the first, for combustion air exhaust through a grill in the steel terminal.

Available diameters (mm):

80 - 100 - 120 - 140 - 160 - 180 - 200



1 Wall in contact with smoke, made up of an Ecoceramic CE ECO flue.

2 Continuous air gap throughout the flue, with combustion air intake to convey air to the chimney top.

3 Flue casing made up of a vibration-compressed reduced concrete sleeve to protect and support the wall in contact with smoke.





ECOMIX

Designed to be perfect

Until now, no chimney made of refractory-ceramic material was able to combine features suited for wet operations with those of a product able to resist fires from soot.

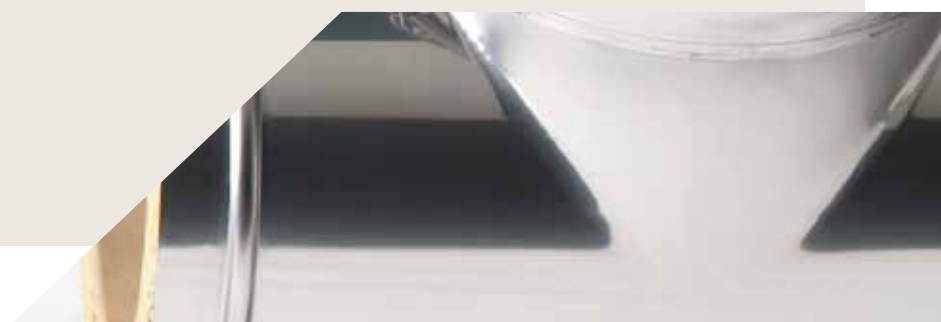
In fact, condensation resistance requires a material with a finely compact structure that increases impermeability. Contrarily, this reduces heat dilation absorption capacity.

ECOMIX is the first and only ceramic flue designed and constructed to guarantee absolute precision and perfect seal for gas and condensation. The secret of this exclusive Camini Wierer product is in the special structure with natu-

ral copper or AISI 304 stainless steel exterior and Ecoceramic interior with a insulation layer. Thanks to these characteristics, ECOMIX eliminates the risks of retraction and is able to face time: in fact, it is certified and guaranteed for 30 years.

ECOMIX saves assembly costs and time, increasing seal and duration. ECOMIX is an exclusive Camini Wierer product, unique in Europe, that combines the strength and resistance of an Ecoceramic heart with the versatility and practicality of lightweight metal.

ECOMIX is a system made up of an Ecocera-



mic flue, insulated by a high density rock wool covering and externally lined with natural copper or AISI 304 stainless steel.

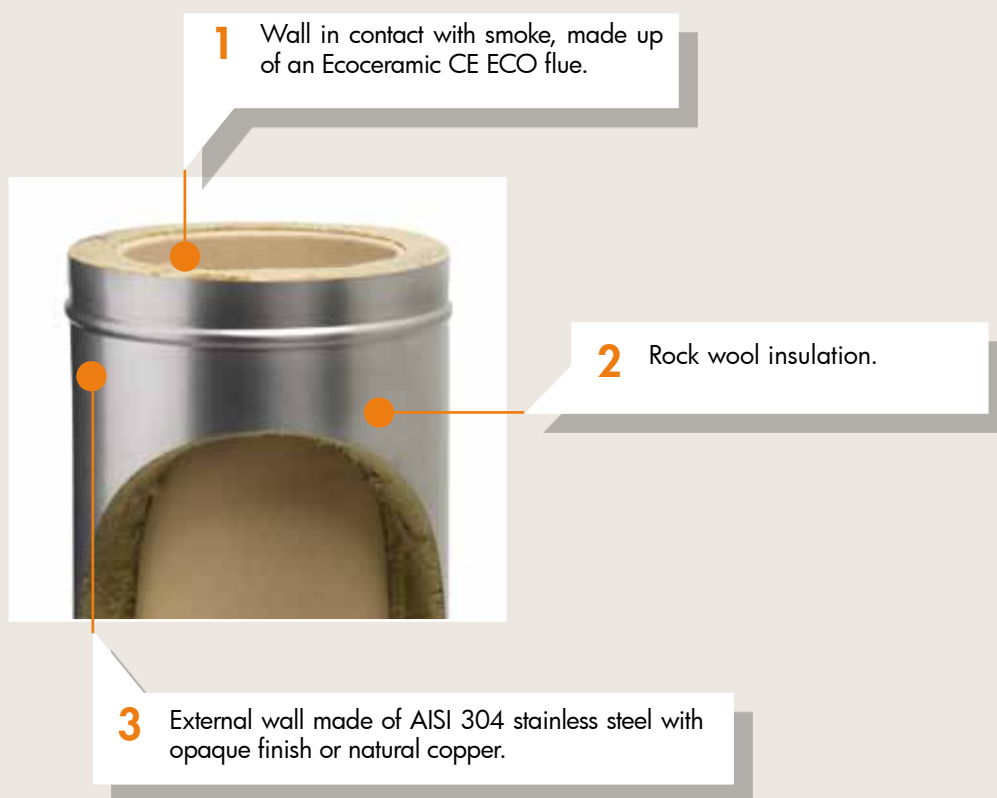
The German DEUTSCHES INSTITUT FÜR BAUTECHNIK has certified that the ceramic material flue is grade G (resistant to soot fire) and W (condensation resistant).

The Ecoceramic flue is guaranteed for 30 years.

Available diameters (mm):

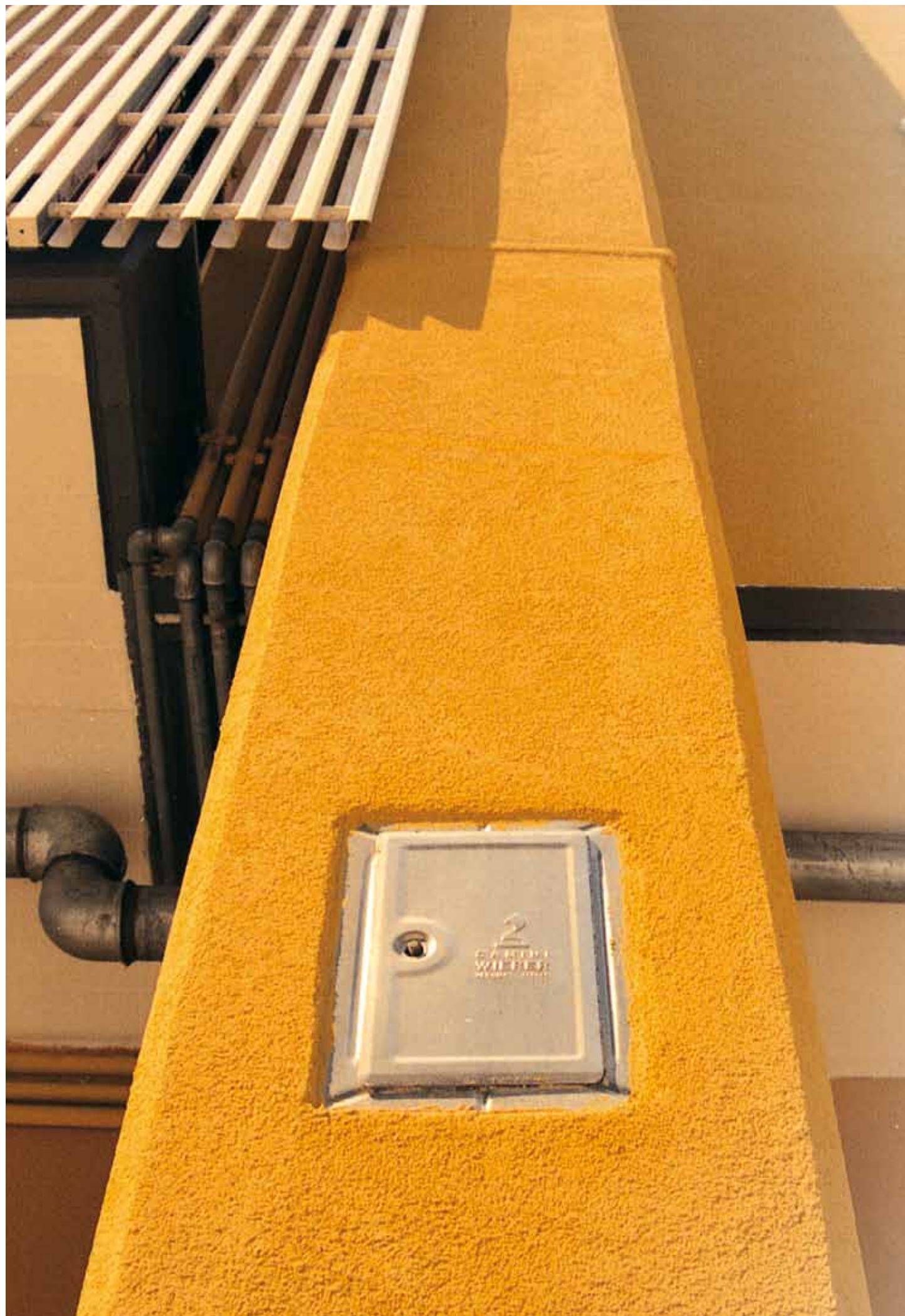
internal measurements

120 - 140 - 160 - 180 - 200









REFRATTARIO

CLASSIC





REFRACTORY CHIMNEY SYSTEMS

Ideal in removing smoke produced by civil and industrial systems, Camini Wierer's refractory chimney systems include an internal refractory flue (CW ECO) coupled with a concrete sleeve lined, if necessary with an insulation layer.

CW ECO versions, combined with different modular elements and materials, create different systems called:

CW ESSE
SYNTHESIS CHIMNEY

CW ERRE
BACK-VENTILATED
CHIMNEY SYSTEM

CW EFFE
DUAL FLUE

CW DUE
BRANCHED GROUP FLUE

CW ECO

CONDUCTED REFRACTORY

CW ECO is the combustion smoke exhaust flue, type ECO (CWE), made of modular refractory circular section elements with CE markings in accordance with EN 1457 standards.

Modular elements are suited to work in the following conditions:

Working temperature

Working temperature not over 600°C.

Pressure resistance

Operates with negative pressure (natural draught).

Condensation resistance

Dry operations.

Fuel

Operates with gas, liquid and solid fuels.

Installation

Installed in a non-combustible flue casing, grade "O" (fire reaction).

Diameters (mm)

120 - 140 - 160 - 180 - 200 - 250

300 - 350 - 400





1 Combustion smoke exhaust flue, type ECO (CWE), made up of modular refractory circular section elements with CE markings in accordance with EN 1457 standards.

2 Connection joint sealed with specific acid resistant cement type NISOTT 2010, which ensures smoke and condensation seal and high mechanical resistance.



CW ESSE

SYNTHESIS CHIMNEY

The CW ESSE modular flue-block chimney system is ideal for all civil and industrial installations powered by gas, solid or liquid fuel and able to guarantee complete functionality either in dry (D) or condensed water (W) mode.

The CW ESSE system comprises an internal circular conduit in refractory material, lined with external vibration-compressed concrete cladding.

The chimney system is positioned in proximity to the internal or external wall of the building or inside the masonry wall.

In accordance with CE marking, the CW

ESSE flue-block chimney system conforms to EN 13063-1 and EN 13063-2 legislative standards governing the following conditions:

EN 13063-1 T400 N1 D 3 G100

dry conditions

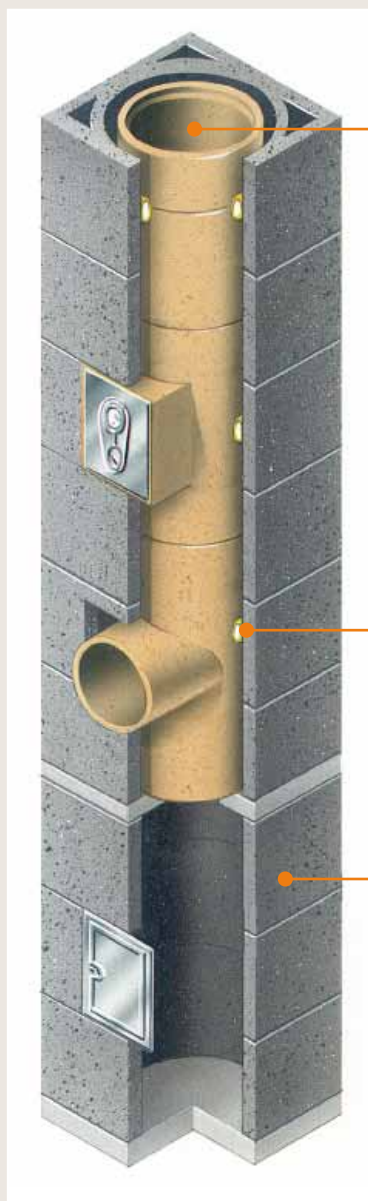
EN 13063-2 T200 N1 W 2 O00

dry conditions and condensate

Available diameters (mm):

120 - 140 - 160 - 180 - 200 - 250 - 300
- 350 - 400





1 Flue walls in contact with smoke, manufactured with CW ECO refractory duct lining.

2 Insulation cavities, comprising static air units enclosed by a mineral wool outer lining.

3 Flue casing with vibration-compressed concrete cladding to protect and support walls coming into contact with smoke.

CW ERRE

BACK-VENTILATED CHIMNEY SYSTEM

The CW ERRE modular flue-block chimney system is ideal for all civil and industrial installations powered by gas, solid or liquid fuel and able to guarantee complete functionality either in dry (D) or condensed water (W) mode.

The CW ERRE system comprises an internal circular conduit in refractory material, with a layer of insulating material made up of high-density mineral wool panels with external vibration-compressed concrete cladding.

The chimney system is positioned in proximity to the internal or external wall of the building or inside the masonry wall.

One special feature is the back-ventilation system for the insulating layer; this is made up of vertical ventilation ducts with air travelling up through the ducts from a grate positioned at the base of the flue (thanks to the up-draught) before flowing out of the system from

discharge slots positioned in the top cover.

The system allows insulating layer characteristics to remain unaltered over time even in the event of potential build up of condensate between the external sleeve and internal duct.

In accordance with CE marking, the CW ERRE flue-block chimney system conforms to EN 13063-1 and EN 13063-2 legislative standards governing the following conditions:

EN 13063-1 T400 N1 D 3 G50

dry conditions and resistance to soot fire

EN 13063-2 T200 N1 W 2 O00

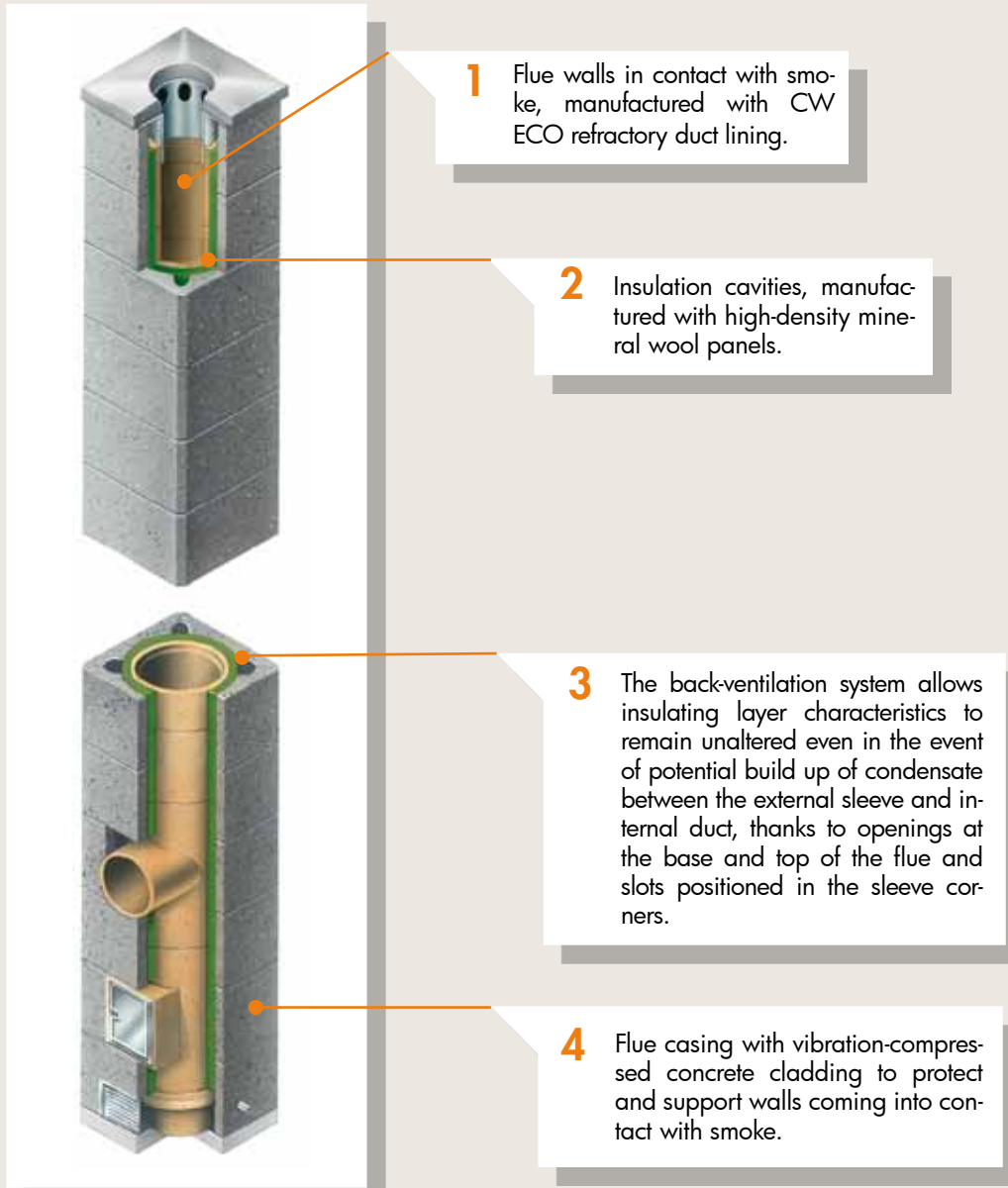
dry conditions and resistance to condensate

Available diameters (mm):

120 - 140 - 160 - 180 - 200 - 250

300 - 350 - 400





CW EFFE

DUAL FLUE

The CW EFFE system is designed for single chimneys and grouped flues for type C overlapping boilers with combustion circuit fans.

It is the most technologically efficient response to smoke exhaust from methane gas fuelled boilers, with forced flow and airtight combustion chamber.

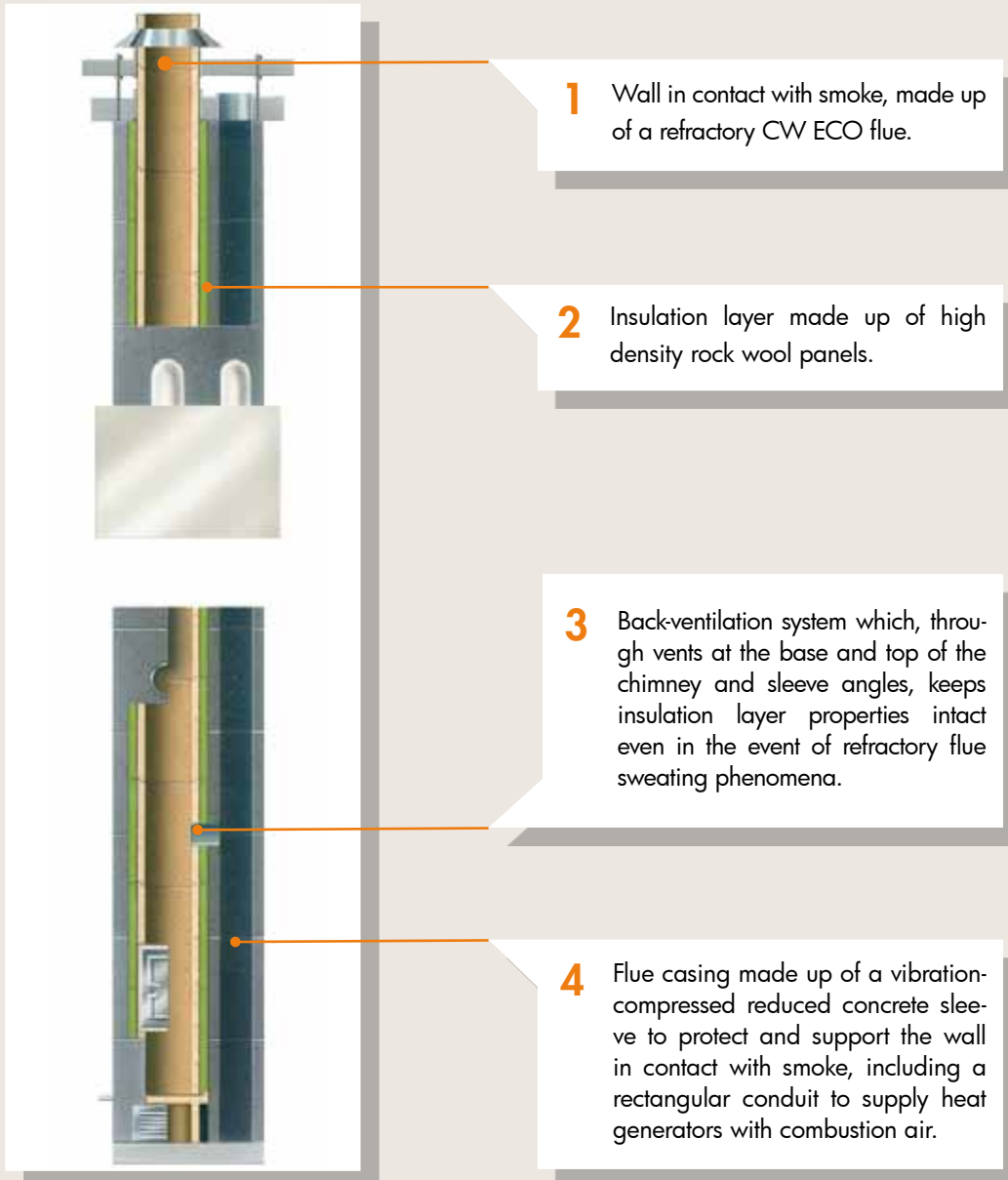
CW EFFE is made up of two parallel flues, one for combustion gas exhaust and the second for combustion air exhaust.

This chimney guarantees constant insulation thanks to the ventilation system in the lining sleeve which works like a CW ERRE back-ventilation chimney.

Available diameters (mm):

140 - 160 - 180 - 200





CW DUE

BRANCHED GROUP FLUE

The CW DUE chimney system is designed for autonomous heating systems, overlapping, made up of natural draught methane fuelled type B boilers with airtight combustion chambers.

It is made up of two parallel refractory flues: the main or header flue and secondary or confluent flue where – based on current regulations – a maximum of six generator exhausts (5+1) can be connected. The first five, after crossing one floor in the secondary flue, are

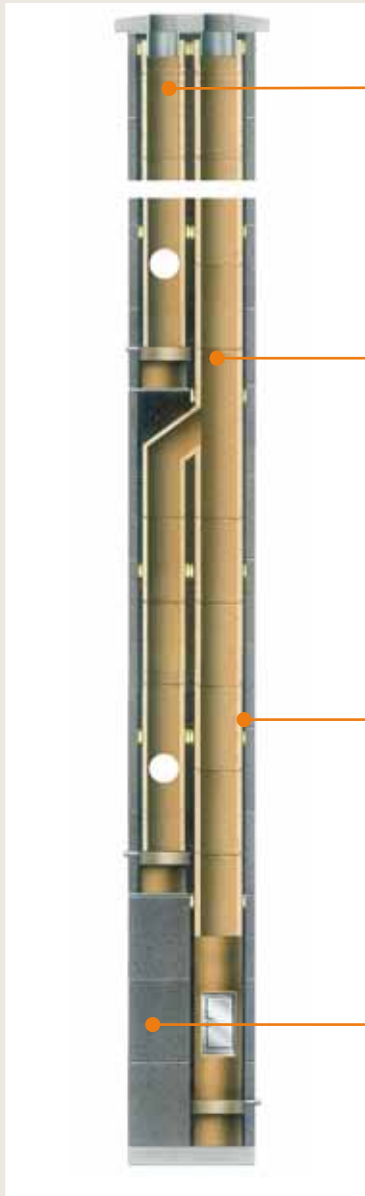
connected to the header at a 45° angle. The sixth and last directly exhausts smoke into the atmosphere through the sole secondary flue (minimum 3 m high).

CW DUE is mounted inside the building, in the wall gap or on the wall.

Available diameters (mm):

140/120 - 160/120 - 160/140 - 180/120
180/140 - 200/140





1 Primary flue (or header) made up of a CW ECO refractory flue where secondary flue exhausts (maximum 5) are connected at a 45° angle.

2 Secondary flue, that receives exhaust from a single device and is as tall as a building floor.

3 Insulation layer made up of static air cells confined by specific rock wool edging.

4 Flue casing made up of a vibration-compressed reduced concrete sleeve to protect and support the primary and secondary flues.

WIERER R.E.I.

SMOKE FILTERS

The WIERER R.E.I. chimney system is a product designed to create branched ventilation systems for smoke filters since it is equipped with a section that meets the minimum smoke passage conditions set by Ministerial Decree dated 30/11/1983.

Branched ventilation chimney systems are systems made up of a primary and secondary flue; the secondary flue, equipped with a grid

element for each level, allows smoke exhaust from the concerned room in the event of fire, conveying it through a deviation element in the primary flue that collects smoke from the various levels, emitting it into the atmosphere.

The WIERER R.E.I. chimney system is made up of 35x35 cm modular square section elements made of 3 cm thick refractory material, certified with CE markings as per EN 1457 A1N1.

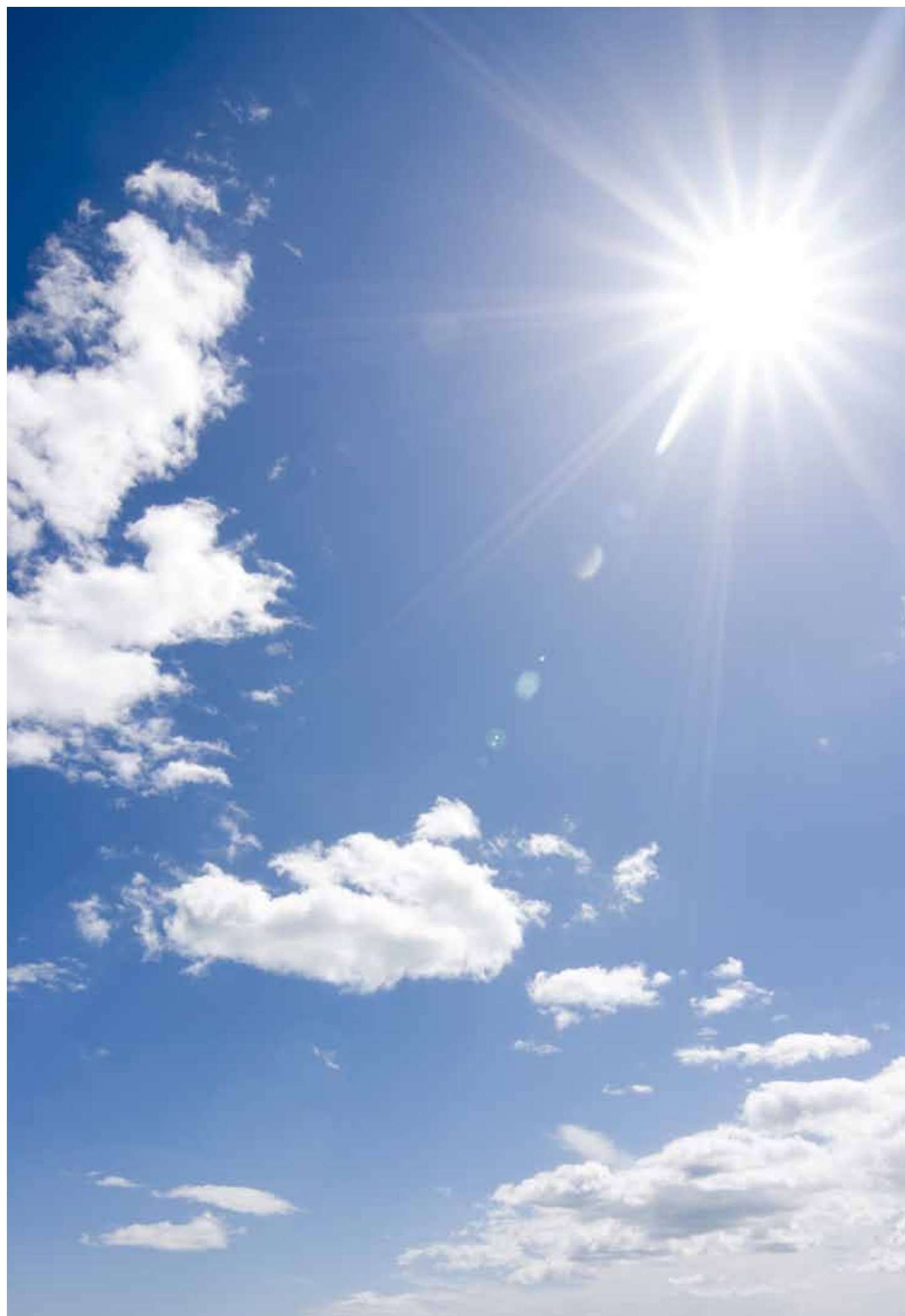




Elements made of 3 cm thick refractory material, certified with CE markings as per EN 1457 A1N1.







EVOLUTION PS
EVOLUTION PP

INNOVATIVE



EVOLUTION PS

HARD PLASTIC

The system is made up of single wall modular elements made of moulded PP-H (homopolymer polypropylene): this type of plastic is highly resistant to chemicals and has excellent mechanical properties. The product is designed to work for condensation or similar boilers with smoke temperatures not over 120°C, fuelled by liquid and/or gas fuels.

The EVOLUTION PS range includes all the elements required to create a vertical chimney and smoke flue (horizontal segment) with suitable inspection elements. Furthermore, since the product is designed for condensation boilers, it includes the devices required to drain condensation as set forth by current regulations (UNI 11071) such as the condensation collection tank element and siphon to prevent combustion gas products from entering the sewage system. To complete the range, the system comes with centring and wall straps.

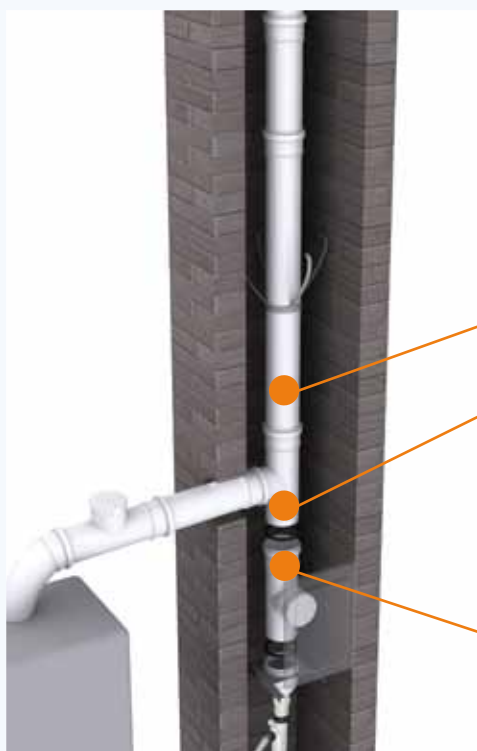
Features

The hard plastic chimney system is designed to work in accordance with that set forth by regulation UNI EN 14471 in terms of mechanical and seal features at the following conditions:

- Maximum working temperature 120°C
- Operation in depression or pressure up to 200 Pa.
- System not resistant to soot fire.
- Condensation resistant.
- Suited for gas or liquid fuelled devices.
- Installation in a duct made of grade "0" material (fire reaction).
- The system must be placed at least 20 mm away from combustible materials.

Available diameters (mm):

60 - 80 - 110



1 PP-H homopolymer polypropylene element.

2 Connected by fitting the female joint, with pre-installed seal gasket (made of EPDM), in the male joint with slight slot.

3 EPDM gasket.

EVOLUTION PP

FLEXIBLE PLASTIC

The system is made up of a flexible conduit made of additive polypropylene (PP+) to increase durability, especially indicated to resolve old chimney renovation problems or for installations in highly irregularly sectioned ducts.

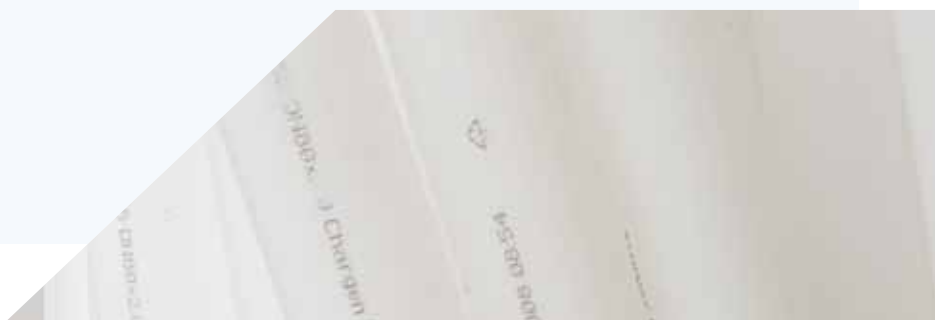
Material quality guarantees high resistance to acid condensation corrosion and temperature resistance up to 120°C. It is designed to be mounted on condensation or similar boilers. The range is completed by hard plastic elements equipped with screw connections with an internal gasket to lock the flexible conduit and couplings to switch from hard plastic (EVOLUTION PS) to flexible plastic (EVOLUTION PP) and to switch from a flexible plastic conduit to a steel one.

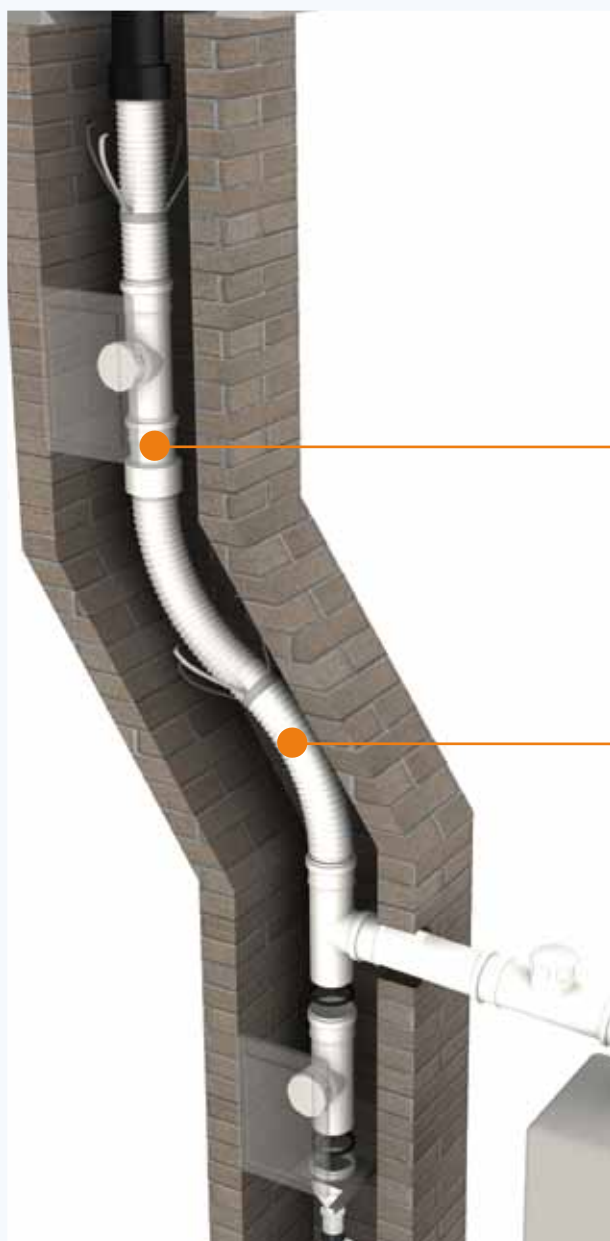
Features

- Maximum working temperature 120°C
- Operation in depression or pressure up to 200 Pa.
- System not resistant to soot fire.
- Condensation resistant.
- Suited for gas or liquid fuelled devices.
- Installation in a duct made of grade "O" material (fire reaction).
- The system must be placed at least 20 mm away from combustible materials.
- CE markings as per EN 14471 standards.
- Highly practical and easy to install thanks to the high curve angles, cutting ease and reduced weight.

Available diameters (mm):

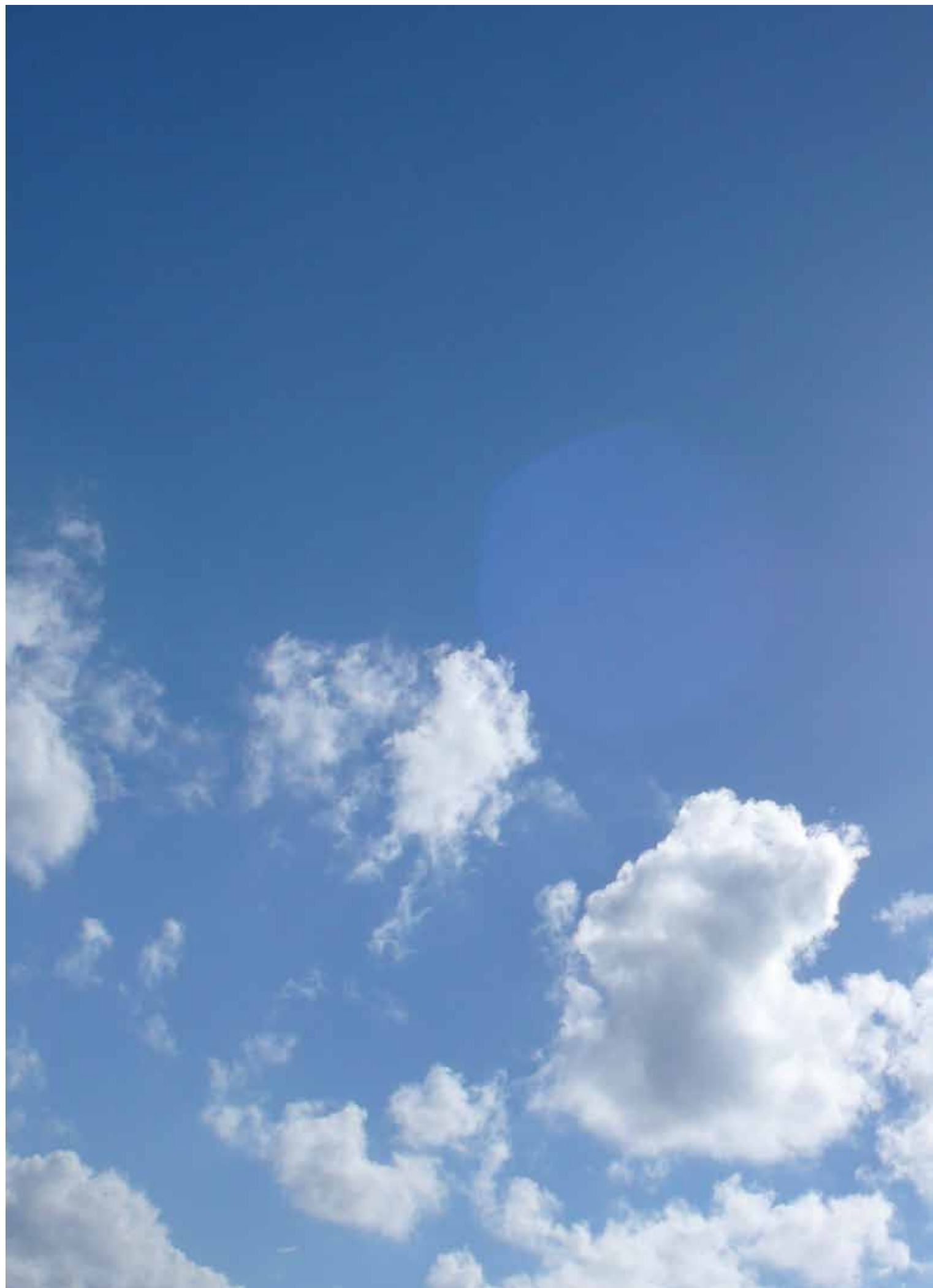
80 - 110





1 Hard plastic element equipped with screw connection and EPDM gasket.

2 Flexible additive polypropylene conduit (PP+).





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