

SPECFLUE

Quality products, exceptional service

Your One-Stop Shop for Commercial Heating Flue Solutions

At Specflue, we provide the complete solution for all your flue and chimney needs.

From specification and design to chimney sizing and ongoing technical support, we deliver an all-in-one package that ensures a flawless, end-to-end solution.

www.specflue.com

Discover why Specflue is the trusted choice for delivering projects across both private and public sectors.

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SPECFLUE

Introducing Specflue

With extensive experience in the private and public sectors, our engineers offer advice on the selection and application of flue to boilers, selection of Heat Interface Units (HIU's) and application of heat transfer equipment for process applications.

Working with small to medium Heating and Ventilation companies, Mechanical Consultants and Mechanical Contractors, the dedicated Commercial team can offer advice at all stages of the design and supply process. Offering advice on designs on a drawing board, surveying existing sites and working with our approved installation partners, Specflue support the your through the whole project from concept to completion.

SITE SURVEYS



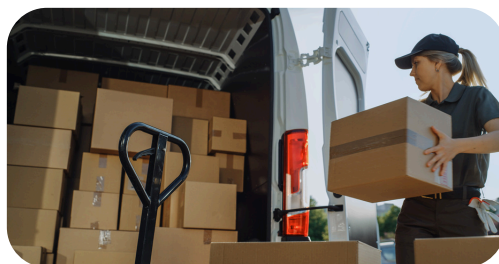
DESIGNS AND MATERIALS



LARGE STOCK HOLDING



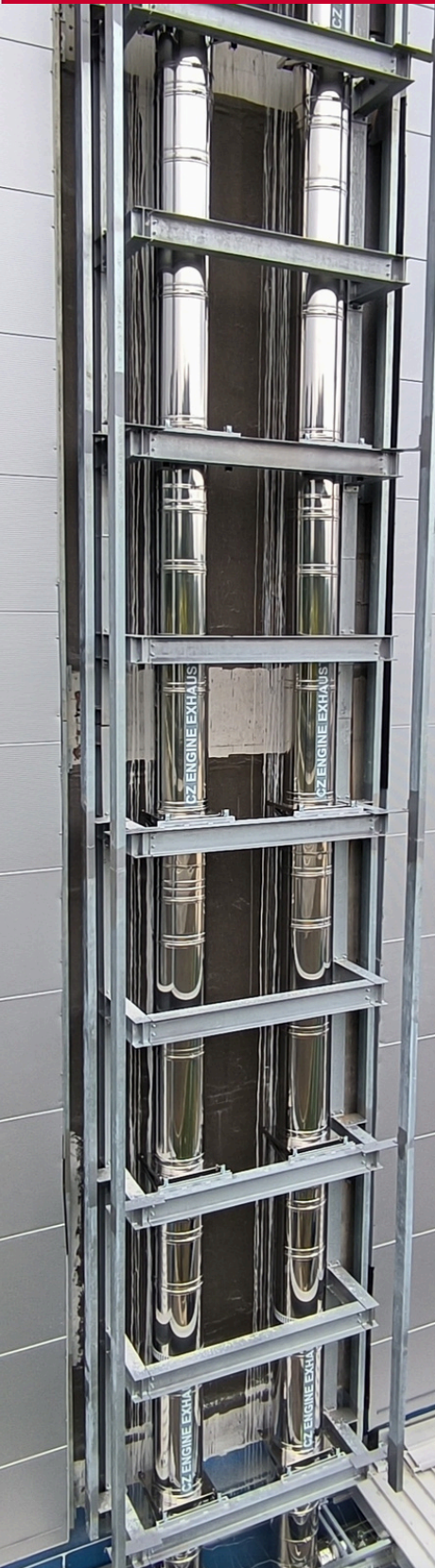
DELIVERY TO SITE



We provide reliable product supply and delivery, using our vehicle fleet to deliver directly to your chosen site. We can also offer timed deliveries by working with our trusted speciality delivery partner. The ideal solution for work in major cities where delivery windows are small (additional charges may be incurred for this service)

Introducing Specflue

SPECFLUE



Site Surveys

At Specflue, we believe that a successful commercial heating system starts with a deep understanding of your specific needs and existing infrastructure. That's why we kick off every project with a comprehensive site survey.

Detailed Inspection

During the survey, we thoroughly inspect the boiler room, potential flue locations, and your current heating infrastructure. We assess critical factors such as space, accessibility, and any installation challenges that may arise.

Project Planning Foundation

The insights we gather during the survey form the foundation for a fully customized project plan, ensuring that all selected appliances meet required standards.

Provision of Designs and Material Schedule

Following the survey, we prepare a detailed system design and material schedule.

Customised System Design

We tailor a chimney solution to your specific needs, determining the optimal flue system type, size, and routing.

Detailed Drawings

Our technical drawings clearly illustrate the configuration of the flue system, boiler placement, and any necessary accessories. Please note, these drawings are not provided during the quotation phase.

Material Schedule

We provide a quotation listing all required flue components and materials.

Large Stock Holding with Most Products Off the Shelf

To minimize downtime, we keep a large stock of essential components, including plastic flue systems, single-wall flues, flexible liners, and twin-wall insulated chimney systems, ensuring fast and efficient delivery.

Services

SPECFLUE

Specialist/Custom Components

At Specflue, we specialise in catering to unique project requirements through our range of specialist and custom components. Our in-house expertise allows us to design and manufacture flue systems that overcome specific challenges or seamlessly integrate with existing infrastructure. Whether you need custom lengths, tight bends for confined spaces, or systems designed for high-temperature applications, we provide tailored solutions to meet your needs.

Flue Calculations to BS-EN Industry Standards

To ensure the safety and efficiency of your system, we conduct flue calculations in line with BS-EN industry standards. By considering key factors such as flue gas temperature, volume, and building characteristics, we determine the ideal flue size and configuration for optimal performance and safe operation of your commercial heating system.

Installation Guidance and Advice

At Specflue, we provide more than just materials—we offer expert installation guidance and advice throughout your entire project. Whether you need technical support, best practice recommendations, or troubleshooting assistance, our team is here to help every step of the way.

With our deep understanding of commercial heating systems and flue technology, we ensure you receive professional guidance at every stage of your project.

A Range of Solutions for Your Commercial Heating System

Specflue offers a wide range of flue products, from cost-effective solutions for low-temperature applications to insulated systems designed for modern buildings. Whatever your commercial heating needs, we have the perfect solution to ensure efficiency and reliability.



Services

SPECFLUE



FOOD INDUSTRY

Planning a steam boiler for **food production**, designing an exhaust system for a **baking oven in a large bakery**, or developing a kitchen exhaust system for an **industrial kitchen** all rely on detailed and competent advice from experts in exhaust technology to maintain safety and efficiency.



HEALTHCARE

Whether designing a high-output **plant room for a major hospital**, **planning medical waste incineration** exhaust systems, or configuring backup power generator flues for **critical care facilities**, detailed and competent advice from experts in exhaust technology is essential for ensuring patient safety and operational continuity.



MANUFACTURING

Developing high-temperature exhaust systems for **factories**, designing fume extraction for **chemical processing plants**, or configuring specialist ventilation for **metal fabrication workshops** requires detailed and competent advice from experts in exhaust technology to maintain air quality and protect the health of the workforce.



DATA CENTRES

Configuring pressure-tight exhaust systems for **emergency backup generators**, designing high-temperature venting for **load-testing facilities**, or planning acoustic attenuation to manage noise levels in **urban data hubs** relies on detailed and competent advice from experts in exhaust technology to ensure 100% uptime and environmental safety.



EDUCATION

Calculating the requirements for a **university district** heating network, designing a multi-boiler cascade system for a **primary school**, or planning safe exhaust solutions for **science laboratory** fume cupboards demands detailed and competent advice from experts in exhaust technology to meet stringent building regulations and environmental standards.



HOSPITALITY

Planning efficient flue systems for **luxury hotel spa heaters**, designing high-capacity kitchen extraction for busy **resort restaurants**, or configuring safe venting for biomass heating in **rural holiday parks** demands detailed and competent advice from experts in exhaust technology to ensure guest comfort and regulatory compliance.

Applications

SCHIEDEL UK PLUS

UK Plus is a modular, high quality stainless steel concentric flue system for balanced flue applications.

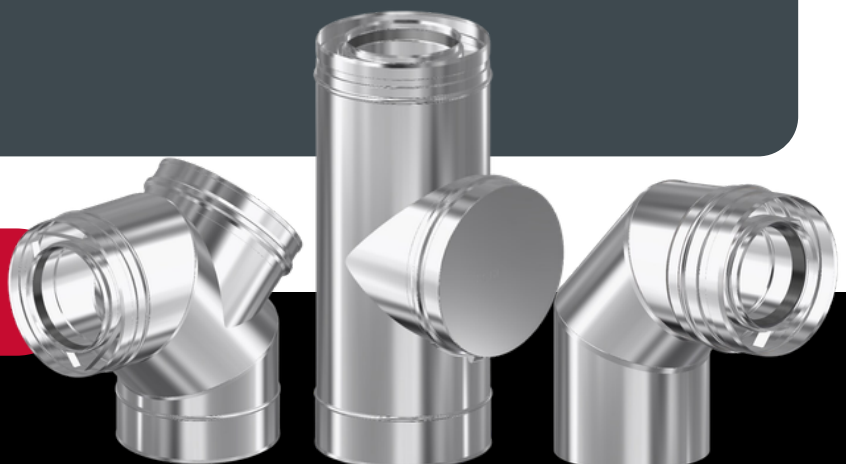
It is designed to operate with room sealed condensing or non-condensing gas or oil appliances in positive or negative pressure with continuous operating temperature up to 200 °C. without the seal it can be used on gas fires with a temperature rating of up to T600.

System properties

- Multi purpose concentric system in lightweight design
- Suitable for internal and external application
- Silicone gaskets ensure P1 pressure tightness
- With viton gaskets suitable also for oil appliances
- High quality engineered joints secured by locking bands
- Wide range of installer friendly accessories
- No thermal bridges

Diameter (external)	80/130, 100/150, 130/200 mm
Wall thickness per diameter (internal)	0,4 mm
Wall thickness per diameter (outside)	0,4 mm
Flue gas temperature (dry)	≤ 400 °C
Operating temperature under negative pressure	< 600 °C
Operating temperature under positive pressure	≤ 200 °C
Material (Inner liner)	AISI 316L-EN 1.4404
Material (Outer case)	Material No.: 1.4301

Product range



SCHIEDEL ME

ME is a single-wall, modular exhaust air and flue gas system made of stainless steel. The universally applicable system is suitable for renovations, ventilation and exhaust, condensing boilers, low temperature as well as solid fuel fireplaces.

It is also characterized by quick as well as easy installation with the help of a socket search edge and retracted insertion ends. We have summarized all the advantages of the ME system for you:

System properties

- Stress free thermal expansion
- Can be connected to MF
- High quality stainless steel system
- High temperature silicone sealing ring
- Universal application
- Light weight system

Flue gas temperature (dry)	≤ 600 °C
Operating temperature under negative pressure	≤ 600 °C
Operating temperature under positive pressure	≤ 200 °C
Short firing temperature under positive pressure	≤ 200 °C
Short firing temperature under negative pressure	≤ 600 °C
Operating pressure	≤ 5000 Pa
Material (Inner liner)	AISI 316L-EN 1.4404

Product range



SCHIEDEL MF

The MF system is a modular twin wall insulated flue/chimney system, made of stainless steel, with a sealing ring. MF is a universal flue/chimney system which is suitable for both high and low temperatures, non-condensing and condensing applications with flue gasses in positive and negative pressure. It can resist a chimney fire. Therefore the system is suited for a wide range of applications such as boilers, stoves and ovens.

- Universal chimney/flue system
- Inner- and outer wall from high quality stainless steel
- No terminal bridges, uninterrupted insulation from base plate to top stub
- Stress free thermal expansion
- Fast-build system without the need of sealants
- Compatible with system ME, UE and EN
- High density and high quality insulation
- High-temperature silicone sealing ring
- Lightweight elements

Flue gas temperature (dry)	≤ 600 °C
Operating temperature under negative pressure	≤ 600 °C
Operating temperature under positive pressure	≤ 200 °C
Short firing temperature under positive pressure	≤ 200 °C
Short firing temperature under negative pressure	≤ 600 °C
Operating pressure	≤ 5000 Pa
Material (Inner liner)	AISI 316L-EN 1.4404
Material (Insulation)	Mineral fibre
Material (Outer case)	AISI 304-EN 1.4301
Thermal resistance by insulation thickness	0,37 - 0,56 mK/W

Product range



EXODRAFT

Exodraft are a Danish owned company that has developed, manufactured and sold chimney fans for 60 years, and is the world leader in solutions for mechanical chimney draught and heat recovery from flue gas/process heat. Exodraft chimney fans are available in various sizes and capacities to meet the diverse needs ranging from private homes to large industrial plants.

Exodraft provides solutions for

- Fireplaces and wood burning stoves
- Gas fires
- Fireplaces in restaurants, pizzerias and bars
- Bakery ovens
- Small oil, gas or biomass boilers
- Systems with multiple boilers connected to the same chimney
- Heating installations where heating for several floors is connected to the same chimney (e.g. apartments)

Our in-house technical team can help you with specifying the correct fan or heat recovery system to ensure you receive the right products for your project.



Exodraft Particle Filter

The exodraft ESP particle filter is designed to filter out hazardous and ultrafine particles from the flue gas of your wood-burning stove or fireplace. The particle filter reduces the number of particles by 95% (fine and ultrafine particles) as well as reducing the total particle mass by 70%-75%. Measurements were carried out according to the Norwegian standard NS3058 which corresponds to outside air conditions.

The electrostatic particle filter is installed on top of the chimney, where it is coldest, and uses a high-voltage electrode to charge the particles in the flue gas, causing them to collect inside the filter.

SPECFLUE



Trust Specflue for reliable, cost-effective, and innovative flue solutions that meet the demands of modern commercial environments.



 Scan Me

Speak to our friendly
team of experts.

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