

SCHIEDEL METALOTERM



Metaloterm® MF

Twin wall insulated flue system | Dreischalige Abgasanlage
| Conduit double paroi isolé | Dubbelwandig geïsoleerde rookgasafvoer

www.metaloterm.com



Diameter
Internal 200mm
External 256mm
Distance to combustibles 60mm



MF

System description



Metaloterm® MF

The Metaloterm® MF system is a modular twin wall insulated flue/chimney system, made of stainless steel, with a high temperature sealing ring. Metaloterm® 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. The product range also contains a wide variety of silencers. For Passive houses the Metaloterm® assortment provides the Iso-block which can be combined with MF. The system can also be used for CHP applications, in this case a special VITON® sealing ring might be necessary. Due to the proven quality Metaloterm® MF has a 10 year guarantee.

Applications Metaloterm® MF

- Atmospheric gas-fired boilers
- Condensing boilers
- Wood-fired stoves
- Industrial ovens, large-scale establishments
- Pellet fired stoves and boilers

Advantages Metaloterm® MF

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

Technical characteristics

Application	Chimney/Flue system
Operating mode	Dry/wet
Pressure	Negative/positive pressure
Max. working pressure	5000 Pa
Operating temperature	600°C negative pressure 200°C positive pressure
Max. temperature allowed	1000°C negative pressure (max. 30 min.) 200°C positive pressure
Inner wall	material thickness
	AISI 316L/EN 1.4404 Ø100 - Ø250: 0,4, Ø300 - Ø400: 0,5 Ø450 - Ø700: 0,6, Ø800 - Ø1000: 0,8
Outer wall	material thickness
	AISI 304/EN 1.4301 Ø100 - Ø250: 0,4, Ø300 - Ø400: 0,5 Ø450 - Ø700: 0,6, Ø800 - Ø1000: 0,8
Insulation	type thickness
	Mineral wool Ø100 - 400: 25 mm Ø450 - 600: 37,5 mm Ø700 - 1000: 50 mm
Fuel type	Oil/wood/coal/pellets/gas
Sealant:	Elastomer (in case flue gas temperatures exceed 200°C, sealants as well as the cap and door seals have to be removed before installation)

exoflue
HIGH TEMPERATURE EXTRACTION SPECIALISTS

Flue Specification



Air flow

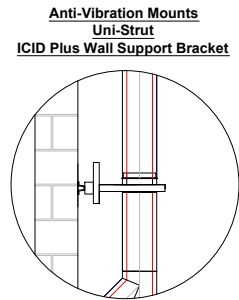
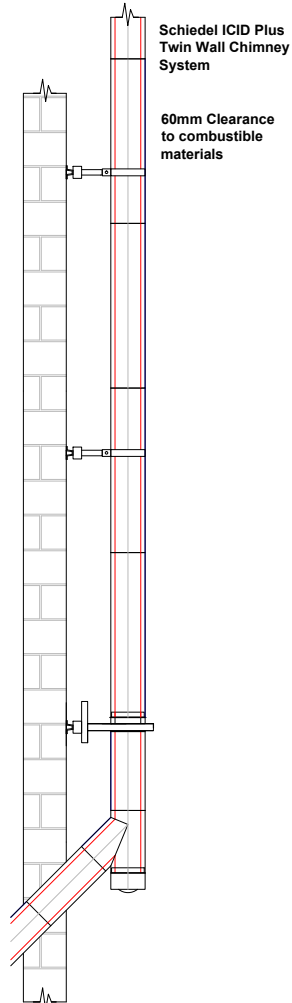
Air flow 0.2 m³/s

Customer
EXOFLUE LTD

Project
ICID PLUS

Date	Scale	Drawn
APRIL 2019	NTS	CB

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Typical Section of mounting

Anti-Vibration Mounts Uni-Strut ICID Plus Wall Support Bracket

