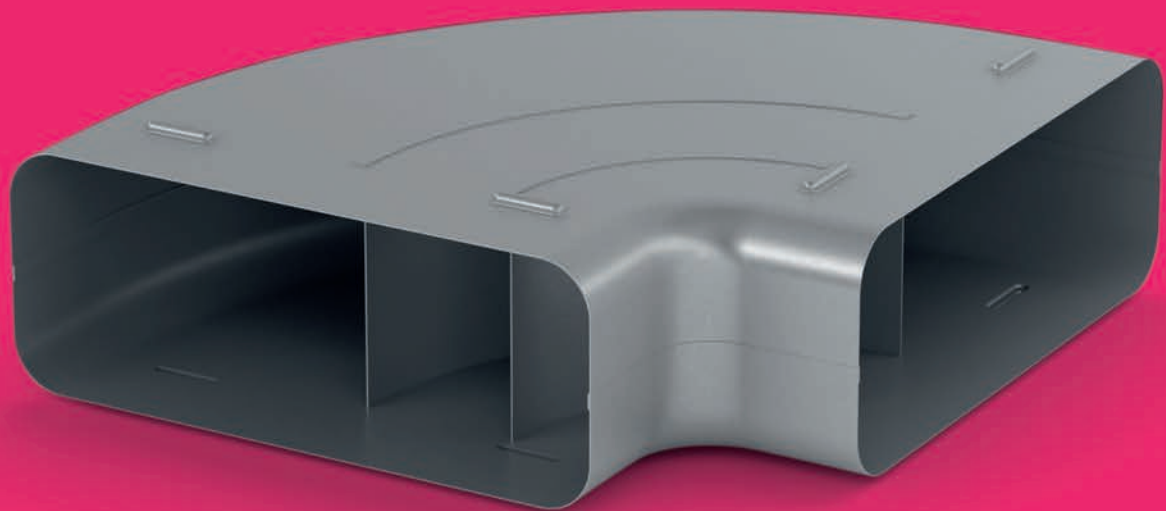


World first.



COMPAIR® STEEL flow.

Naber®
The original.



World market leader.

COMPAIR® STEEL flow is the integral kitchen ventilation system made of metal from Naber. Whether a recirculation or extraction solution is planned, COMPAIR® STEEL flow gives you all the necessary connections, adapters and intermediate sections down to various wall conducts, such as the E-Jal Col including the innovative THERMOBOX – suitable for low-energy buildings. This is guaranteed by the blower door certificate. You can thereby ensure innovative air duct technology for all new build and modernisation plans.

COMPAIR® STEEL flow is non-combustible and suitable for export to regions with added fire protection requirements (details can be found in the respective fire protection provisions of the individual countries) and for customers that value a high level of safety.

COMPAIR® STEEL flow is suitable for all extractor hoods on the world market. COMPAIR® STEEL flow is the result of intensive research in the company's own development laboratory. In cooperation with universities, the flow technology behaviour has been optimised in such a way that COMPAIR® STEEL flow achieves the same perfect flow results as the COMPAIR® flow and COMPAIR® bion air duct system produced by Naber. This makes COMPAIR® STEEL flow the most efficient metal duct system for kitchen extraction on the market. It conveys smells, moisture and carbon monoxide (on gas cookers) to the outside in optimal fashion (extraction solution). And does so completely. Its high airtightness combined with the optimisation of the airflow on all parts of the range's system makes COMPAIR® STEEL flow particularly quiet and energy efficient.

COMPAIR® STEEL flow is particularly stable with its galvanised 0.6 to 0.8 mm sheet steel and its specifically designed



COMPAIR® STEEL flow conveys smells and moisture to the outside in optimal fashion. Thanks to the optimised flow channels, the system is particularly airtight and efficient.

cross-section geometry. Due to its flat design and variably integrated centre bar, it can withstand point loads of up to 100 kilogrammes. This makes various types of installation possible – for example installing COMPAIR® STEEL flow in floor composition. The optimised push-in connections with surrounding lip seal mean that COMPAIR® STEEL flow is particularly airtight. It meets the highest tightness requirements. This guarantees optimal efficiency, even on extremely high-performance hoods. COMPAIR® STEEL flow is compatible and the ideal addition to all COMPAIR® flow elements. It enables the greatest design freedom when planning kitchens and can be ordered as needed and for specific consignments.

COMPAIR® STEEL flow is not only a sustainable system, as it can be recycled 100%, but also makes good economic sense. All the parts in the COMPAIR® STEEL flow range can be assembled in just a few minutes. With an extraction solution,

the wall conducts can be fitted in the wall quickly and easily using standard round core-drill holes.

A one-off investment in COMPAIR® STEEL flow outweighs all maintenance and wear costs incurred by recirculation systems with active carbon filters.

COMPAIR® STEEL flow – the integral air duct system made of metal.

Give your customers the best: COMPAIR® STEEL flow from Naber – the original.

Because it is an integral system made of metal.

Because it is non-combustible.

Because it can be used universally

Because it is compatible with COMPAIR® flow



COMPAIR® STEEL flow in figures:

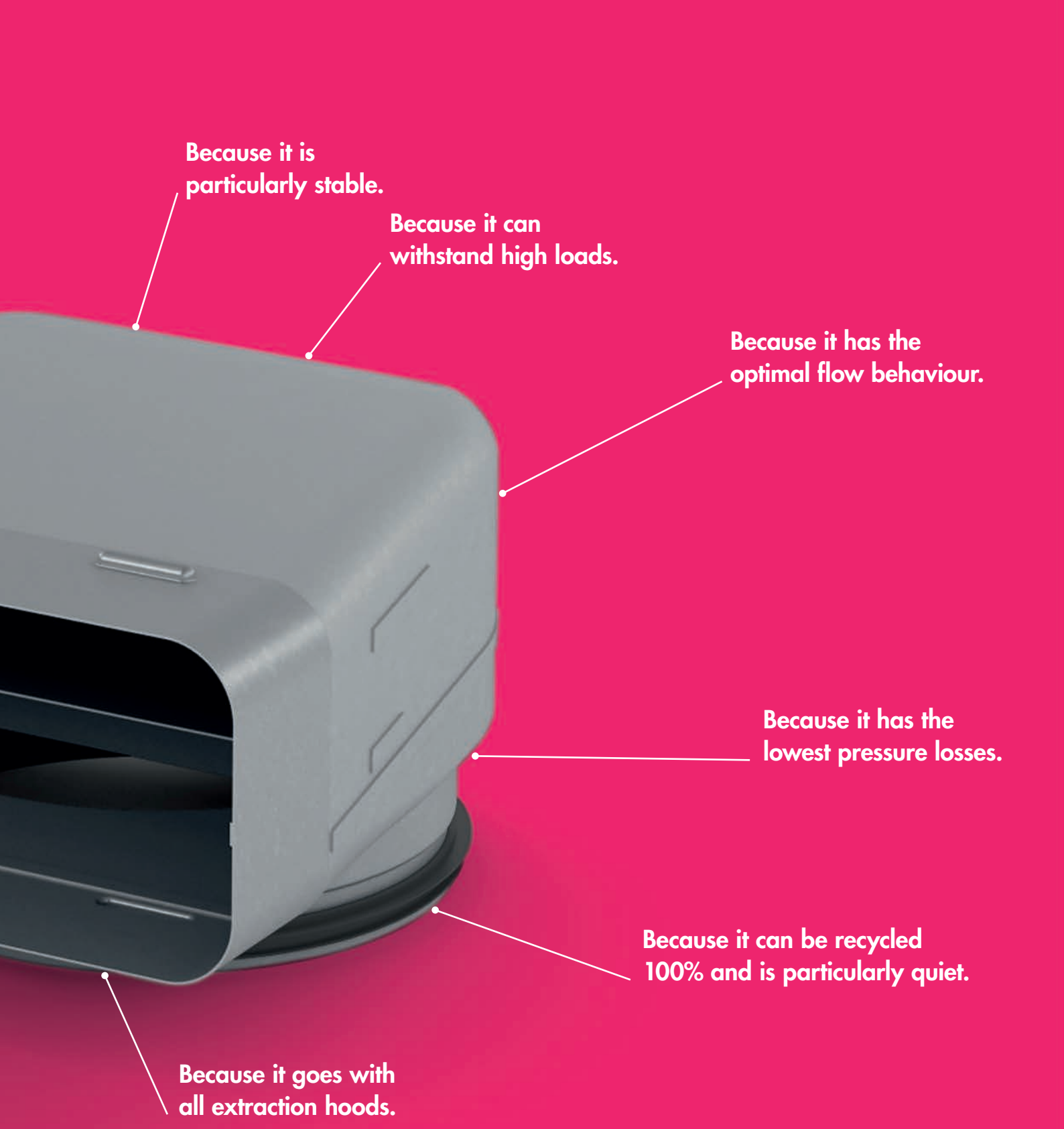
33

components complete the COMPAIR® STEEL flow system. From the flat duct pipe through to adapters.

0,8

mm steel, galvanised all over. The interior walls are particularly smoothed to prevent air turbulence.

65



Because it is particularly stable.

Because it can withstand high loads.

Because it has the optimal flow behaviour.

Because it has the lowest pressure losses.

Because it can be recycled 100% and is particularly quiet.

Because it goes with all extraction hoods.

0 m³/h
of hood extraction capacity is no problem for the COMPAIR® STEEL flow duct system.

1000 %
can be recycled and is therefore very environmentally friendly.

80 %
less pressure loss.



The unequivocal conclusion of the product tester in "test" magazine, issue 3/2016, was "Those who can should operate their extractor hood with extraction. Not only is recirculation louder, but more grease, smells and moisture also remain in the kitchen."

The Naber COMPAIR® STEEL flow air duct system makes extraction and recirculation solutions equally possible. The air duct makes no difference whether you transport the vapours out of the kitchen or filter them using the recirculation method.

Extraction technology is the most effective system. With its help, the air charged with greases, oils and smells as well as the excess humidity is transported out of the kitchen area via an air duct directly to the outside. Because without a ventilation system of this kind, water vapour produced during cooking can deposit itself on walls and window panes and conden-

sate, which over time can lead to mould and damp stains forming in the joints of tiles, on wallpaper, walls and ceilings. The more efficient extraction method can be achieved with all Naber air duct systems, even in low-energy or passive buildings (thanks to the THERMOBOX and its blower door certificate). In the medium- to long-term, an extraction system is the most cost-effective and above all cleanest solution.

A recirculation solution should only be installed if no extraction version is possible or permitted on-site. Recirculation causes the air to be fed back into the kitchen. In this case, grease particles and smells are mostly removed by active carbon filters, which have to be replaced at regular intervals, thus incurring not inconsiderable subsequent costs. What remains is the moisture. Damp air, which is repeatedly aspirated by the extractor hood and blown back into the room, absorbs more moisture on each occasion. The moisture that develops in this

Extraction or recirculation? Yes!

way is not removed at all and can contribute to harmful and ugly mould growth.

A healthy atmosphere as well as the reliable removal of grease, smells and, above all, moisture, is only possible with a well-planned extraction solution.

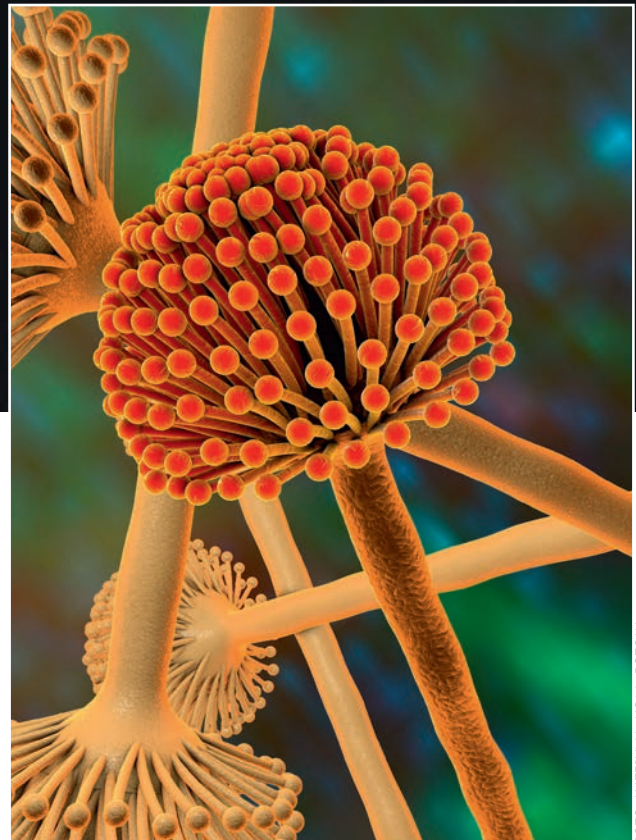



FOTO: KATERINA_KON - FOTOLIA

What shows up here so well is an *Aspergillus niger* fungus, the mould that is harmful to health and can develop with a poorly managed recirculation solution.



COMPAIR® STEEL flow is the ideal, non-combustible air duct system made of metal, which is suitable for all types of extractor systems – also for currently popular downdraft systems.

For extracting vapours downwards, in other words opposed to the natural direction of the steam, disproportionately more extraction power is required than for purely transporting the steam upwards. **COMPAIR® STEEL flow** is the ideal choice for downdraft systems, because the integral air duct system is extremely powerful due to its optimised flow properties.



Extractor hood or downdraft? Yes!

For the air duct, it does not matter whether the air is extracted upwards or downwards. It has to be particularly powerful and airtight to achieve an optimal result. For both application areas, COMPAIR® STEEL flow is the optimal solution. An original from Naber, the world market leader for kitchen exhaust air technology for over 50 years.

Which ventilation prob

COMPAIR® STEEL flow flat duct:



SF-VRO flex 500
System 150
4061001



SF-VRO flex 1000
System 150
4061002



SF-VRO 500
System 150
4061004



SF-VRO 1000
System 150
4061003



SF-UR 150
diverter 90°
4061012

COMPAIR® STEEL flow round duct:



SR-R flex 350
System 150
4061006



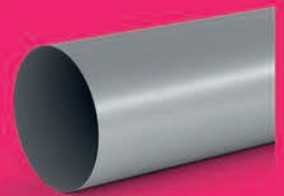
SR-R flex 500
System 150
4061007



SR-R flex 1000
System 150
4061008

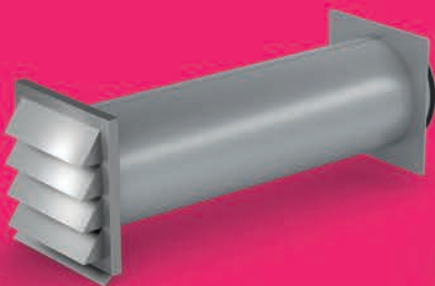


SR-R 500
System 150
4061009

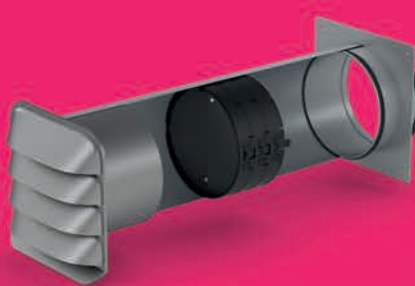


SR-R 1000
System 150
4061010

COMPAIR® STEEL flow wall conducts:



SF-Klima-E 150
wall conduct



SF-E-Jal Col® 150
wall conduct incl. THERMOBOX



SF-Klima-Blow-E 150
wall conduct

COMPAIR® STEEL flow complementary hardware:



Silencer
4043029



SR-KDA 150
condensation trap
4061021

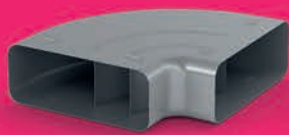


Shut-off device/
fire-protection flap
4061040

blems can be solved?



SF-RBV 150
pipe elbow vertical 90°
4061013



SF-RBH 150
pipe elbow horizontal 90°
4061014



SF 150
pipe set for hob extractor
4061024



SF-RVB 150
pipe coupling
4061017



SF 150
flat duct bracket
4061022



SR-RBV 150
pipe elbow 90°
4061018



SF-EST 150
end piece
4061011



SR-VBS 150
pipe coupling
4061019



SR 150
wall connecting piece
4061020



SR 150
round duct bracket
4061023

All of them.

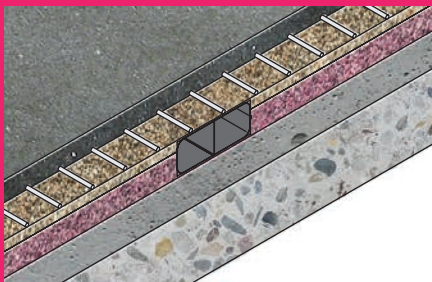
COMPAIR® STEEL flow is the integral system made of metal. It consists of 33 components and provides everything that you need when planning ventilation ducts in the kitchen in order to achieve the optimal extraction or recirculation solution.

Thanks to its high airtightness and flow-optimised design, longer ventilation ducts are not a problem with COMPAIR® STEEL flow either and are much more efficient than comparable systems on the market. Each component is compatible with the elements from the COMPAIR® flow system and COMPAIR®

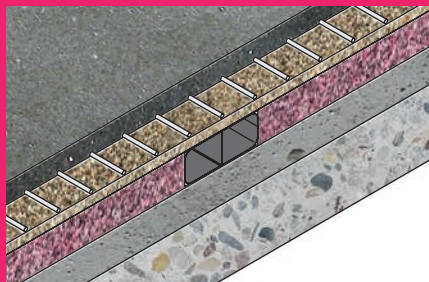
bion system. What is more, COMPAIR® STEEL flow, like all other Naber air duct systems, is compatible with all extractor hood systems on the market by using adapters. COMPAIR® STEEL flow elements can be ordered individually. On the Internet 24 hours a day, seven days a week.

If you have any questions about COMPAIR® STEEL flow, you can contact our field sales department or call the hotline. In each case, you will get a reply enabling you to make decisions.

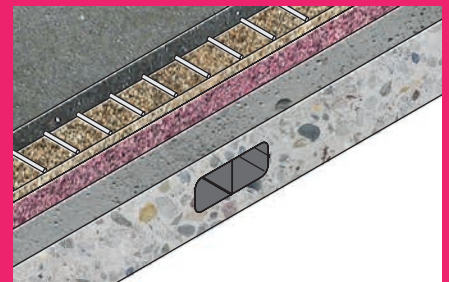
And what about installation? Simple.



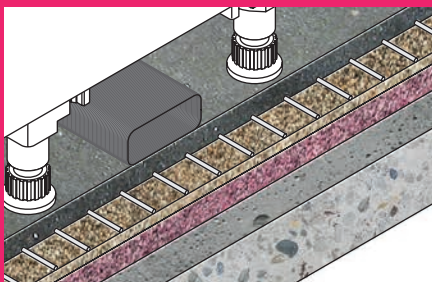
Under-screed installation 1: COMPAIR® STEEL flow is installed underneath the layer of screed with built-in underfloor heating in the fixation mat and insulating layer.



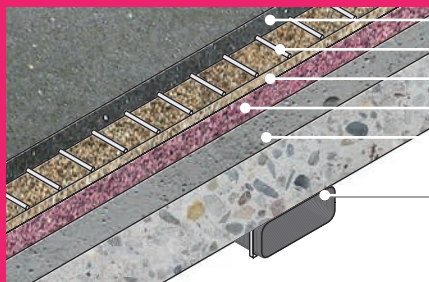
Under-screed installation 2: COMPAIR® STEEL flow is installed underneath the layer of screed with built-in underfloor heating directly into the insulating layer.



Concrete installation: COMPAIR® STEEL flow is moulded in the concrete ceiling or the concrete floor.



Free installation on the floor: COMPAIR® STEEL flow can be installed easily and invisibly between kitchen elements and the floor.



Installation on the kitchen ceiling: COMPAIR® STEEL flow can be quickly, flexibly and easily fixed to the kitchen ceiling using mounting brackets.

- Screed
- Underfloor heating pipes
- Fixation mat
- Insulating layer
- Concrete ceiling or floor
- COMPAIR® STEEL flow air duct

All the assembly-friendly components in the COMPAIR® STEEL flow system enable a quick and easy installation. A surrounding lip seal ensures an airtight finish to the connection.

There are practically no limits when it comes to installing the COMPAIR® STEEL flow system. Due to its compact design, COMPAIR® STEEL flow can be installed invisibly between the ceiling and kitchen elements.

Even an installation below the ceiling is easily possible using the appropriate COMPAIR® STEEL flow mounting brackets and can be covered later with plasterboard panels.

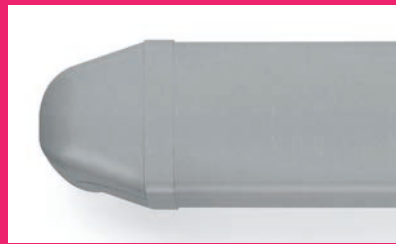
Due to its high stability (100 kg pressure point load) and non-combustibility, COMPAIR® STEEL flow can be installed in the floor structure. The best possible noise reduction is achieved with COMPAIR® STEEL flow using a floating impact sound insulation system (please clarify with the screed laying

contractor). Installation in the floor structure offers completely new planning options.

COMPAIR® STEEL flow wall conducts can be fitted quickly and easily with standard round core-drill holes. This can be done in no time at all and without creating much dirt because there are custom-fit core drills. The method is an easy way to retrofit wall conducts. Unlike with rectangular wall conducts, which have to be chiselled into the wall creating a corresponding amount of dirt and noise.

COMPAIR® STEEL flow – the cost-saving solution.

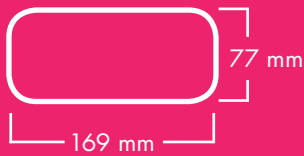
Fresh air for fresh ideas. An overview of the Naber air ducts.



COMPAIR® STEEL flow 150.
The new, non-combustible metal duct system for the highest flow performance.



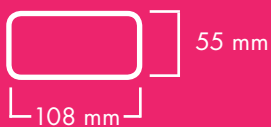
COMPAIR® flow 150.
The ventilation duct system for the highest flow performance.



COMPAIR® flow 125.
The powerful air intake and extraction technology.



COMPAIR® top.
The high-performance flat duct.



COMPAIR® norm.
The flat duct range for a good indoor atmosphere.



COMPAIR® accessories.
The highly flexible range for connecting without problems.

And where can



Naber has received multiple awards:



KARTE: ADOBE STOCK/KARTOXYM

Naber be found?



Naber has been developing air duct systems for private kitchens at its in-house development laboratory and in cooperation with universities and independent research institutes for over 50 years. The result is a comprehensive range of different air duct systems for almost every application area with countless patents and certificates.

All reputable kitchen and extractor hood manufacturers rely on this and have confidence in the best quality of the Naber air duct systems – and have done so for decades. Naber ventilation technology is used all over the world. Besides the

ultimate engineering performance, no doubt also because Naber products have won multiple national and international awards, and not only work reliably but are also always aesthetically appealing.

And because Naber guarantees absolute delivery reliability. With its own logistics centre with an area of over 18,000 m², just-in-time delivery and a single-item order-picking service.

Naber – the original.

Naber GmbH
Enschedestraße 24
48529 Nordhorn
Germany
Phone +49 5921 704-0
Fax +49 5921 704-140
naber@naber.com
naber.com
05/17 E

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The original.