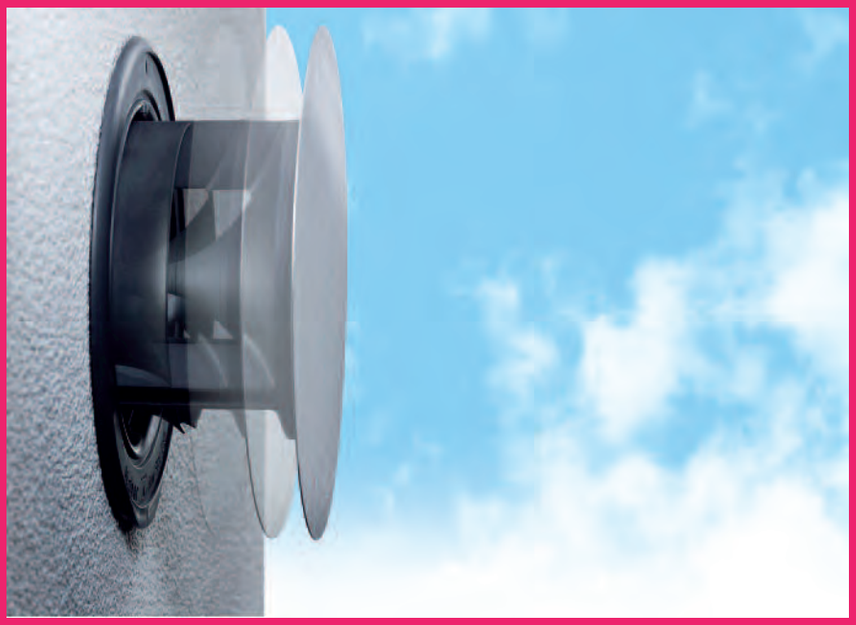
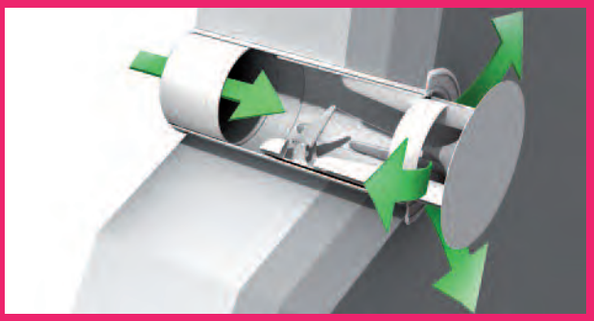
COMPAIR® **flow** Star GTS 150

The first wall conduct with guide vane technology





Optimum flow under inclusion of the wall conduct on the external wall is decisive for the overall efficiency of any kitchen waste air system. The flow Star wall conduct enables the combination of good flow performance, perfect seal of the wall joint with "blower door" certificate and prize-winning external appearance. Performance figures and energy efficiency may be improved even more by connection to the COMPAIR® flow flat duct system.

The functional principle of flow Star uses the pressure effect of the air stream (volume stream) created during hood operation, combined with mechanically controlled spring and magnetic force when opening and/or closing the wall conduct. With **flow Star GTS 150**, the high energy generated by the large flow cross-section is absorbed by an additional integrated pressure spring. With the hood switched off, the front plate closes flush with the outside wall.
With its modern, flush exterior appearance, flow-Star meets the expectations of modern kitchen planning and architecture.

Advantages

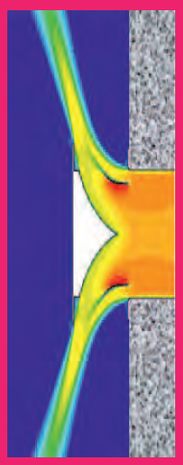
- **optimal flow performance due to integrated guide vane technology**
- **lowest drop in pressure of all commercially available wall conducts**
- **maximum flow rate of the exhaust hood**
- **minimisation of noise emissions by the extractor hood**

Technology

- fully mechanically controlled opening and closing function with spring and magnetic force
- robust construction with ball bearings that are sealed and don't rust
- a backpressure shutter isn't necessary
- with the hood switched off, the front plate made of stainless steel closes flush with the outside wall
- simple assembly without electrical connection, no extra bore holes are necessary
- ideal for the exchange of old systems with existing tapping drill hole
- fail safe against freezing, strong winds, driving rain and dirt

Energy efficiency

- no other power supplies are necessary for the use of the wall conduct. Uses the flow energy generated by the air stream (volume flow) when the cooker hood is in operation.
- optimal heat isolation when closed
- an all-round labyrinth seal prevents heat loss and saves heating energy (high tightness)
- perfect solution for a secure sealing of the building shell acc. ENEV09 (Blower-Door certificate)
- appropriate for energy efficient houses
- the electricity consumption of the connected cooker hood is reduced due to flow optimisation

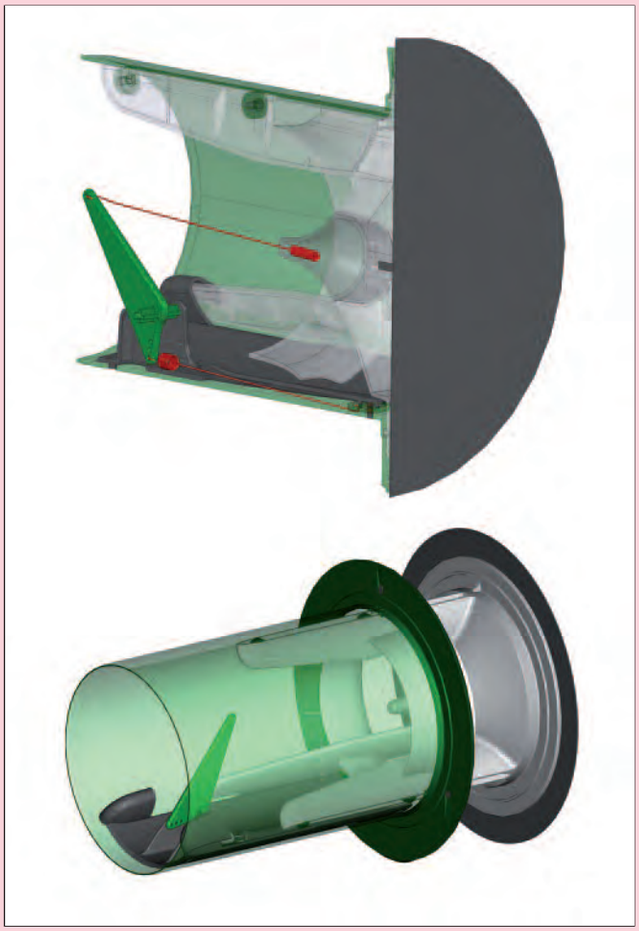


Material & design

- elegant, contemporary design
- rust free and high class stainless steel cover
- the cover can be disassembled without any problems for extra handling (i.e. surface coating)
- **multiple awards for design and function**
  Nomination for the Design Award 2011 of the Federal Republic of Germany

Nober
reddot design award honourable mention 2009
KüchenInnovation des Jahres® 2009
Focus Open Silver 2009
Bundespreis ecodesign nominiert 2012
product design award 2010 gold
Designpreis Deutschland 2011 NOMINIERT
interior innovation award 2013 Winner
German Design Award NOMINEE 2014

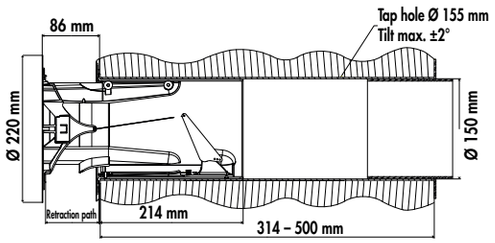
Ventilation technology

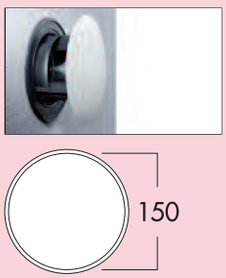


flow Star GTS 150 wall conduct

GTS stands for "generation two springs", which refers to the two integrated springs. Compared to the original flow Star, a pressure spring has been added, which slows the flow body over the last 10 mm, thus avoiding a hard impact on the end stops. The kinetic energy created during the opening process is absorbed and released again in the closing direction, against the volume flow. In this way, the opening width of the flow Star GTS is individually adapted to the specific volume flow of the hood.An all-round sealing lip positioned at the outer flange provides added protection in colder weather.

Properties and functions
- optimum flow performance due to guide vane technology
- elegant design (smooth surfaces instead of lamellas)
- closing of the wall conduct by spring force and additional magnets
- easy installation without additional drill holes
- sturdy design with no-rust, sealed ball bearings
- lowest pressure loss of all commercially available wall conducts
- maximum feed performance of the vapour hood
- low noise generation of the vapour hood
- optimum heat insulation
- increased resistance to weathering
- no rattling of backpressure shutters in case of gusts of wind
- good seal when the vapour hood is switched off
- blower door certificate
- no electrical connection required
- for the installation of the mounting pipe, a core drilling hole (Ø 155 mm) is recommended

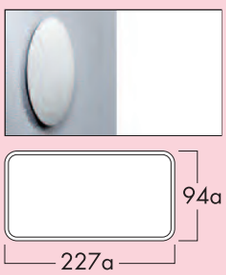




flow Star GTS 150 wall conduct

With connection to round pipe Ø 150 mm and round **external stainless-steel cover**.
- minimum pressure: 150 Pa
- stainless steel cover: Ø 220 mm
- hose/pipe connector Ø: 150 a mm
- connector depth: 24 mm
- installation depth: 314 – 500 mm, wall penetration Ø: about 155 mm
- for the installation of the mounting pipe, a core drilling hole (Ø 155 mm) is recommended

4043040 white/stainless steel



flow Star GTS 150 F wall conduct

With connection to COMPAIR® flow 150 rectangular tube and round **external stainless-steel cover**.
- minimum pressure: 150 Pa
- stainless steel cover: Ø 220 mm
- tube connector: 227 x 94 a mm, connector depth: 80 mm
- installation depth: 314 - 500 mm
- wall penetration Ø: about 155 mm
- for the installation of the mounting pipe, a core drilling hole (Ø 155mm) is recommended

4043041 white/stainless steel