HT GROUP
YOUR PARTNER IN HEALTHCARE TECHNOLOGY

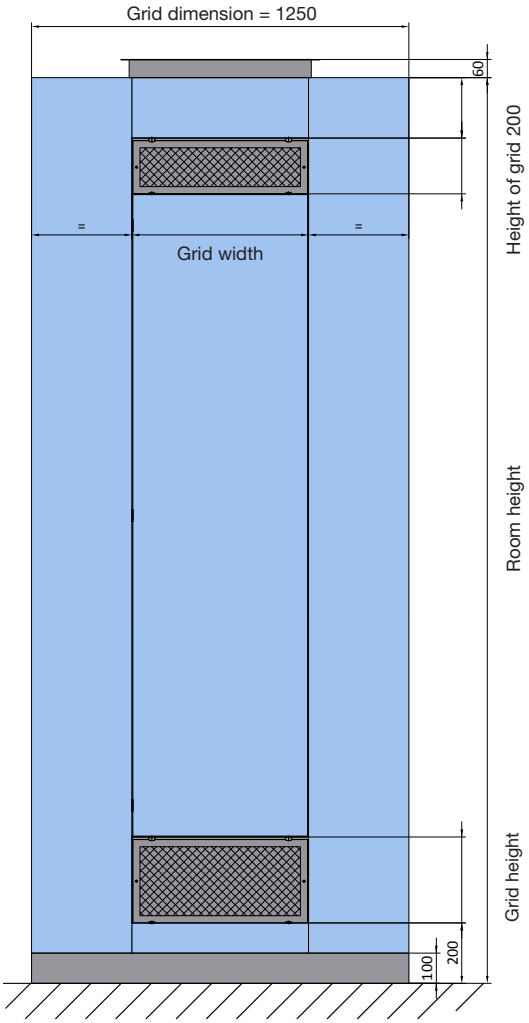
EXHAUST AIR CABINET
FOR METAL AND IMPACT PANELS

The exhaust air cabinet is made of stainless steel and has two rectangular openings which are designed with a removable particulate filter. Between them is a door which opens to the front. The cabinet can thus be fully opened and can, as a result, be very easily and quickly cleaned. This enables the highest hygiene standards to be maintained. The exhaust air cabinet is fitted flush with all kinds of wall panel. Stainless steel exhaust air systems are easily integrated into our modular room systems. The amount of air can be adjusted.

DIMENSIONS	
Exhaust air cabinet height	adjusted to suit the room
Channel cross-section	dependent on the amount of air to be discharged
Installation depth	dependent on the room arrangement and channel cross section
Particulate filter (width x height)	dependent on the channel cross-section and the amount of air to be discharged
Connection for ventilation system	approx. 60 mm above the ceiling level

SHAFT made of stainless steel (Mat. no. 1.4301)	
Door	stainless steel I galvanised sheet steel I to open either on the right or left
Side pieces	stainless steel I galvanised sheet steel
Visible surface	ground I powder-coated
Outlet opening	with opening at top and bottom I with opening at the bottom

PARTICULATE FILTER I max. 2 filters per exhaust air cabinet	
Particulate filter	made of stainless steel with wire mesh I removable
Frame	made of ground stainless steel
Nominal air flow rate (example)	total: max. 1000 m^3/h per exhaust air cabinet bottom: max. 600 m^3/h, dependent on the size of the particulate separator top: max. 400 m^3/h, dependent on the size of the particular filter



MATERIAL AN SURFACE TREATMENT	
Disinfection	resistant against disinfectant and hospital detergents

Version November 07th Juli 2016 – subject to technical alterations

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EXHAUST AIR SHAFT
FOR METAL AND GLASS PANELS

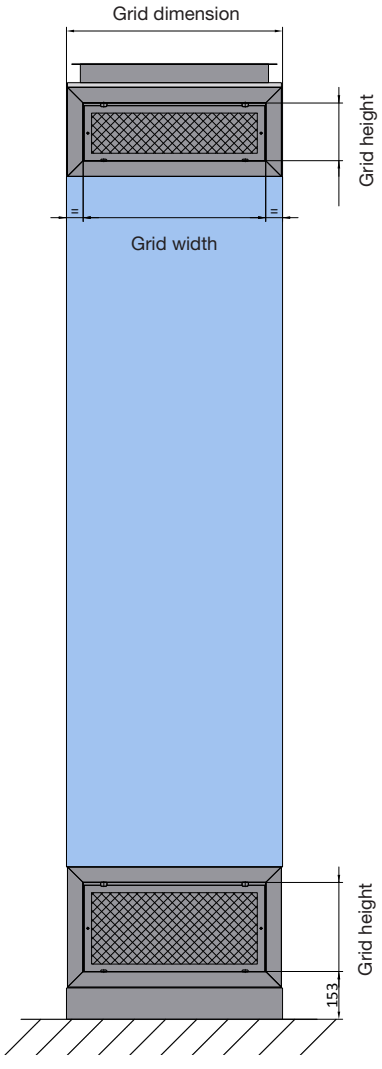
The exhaust air shaft has a rectangular opening at the bottom and/or top which is/are designed with a removable particulate filter. The exhaust air frame is installed flush with the wall panel. The cross-sectional dimensions of the channels are determined by the amount of the nominal air flow rate to be discharged.

DIMENSIONS	
Panel width	channel width + approx. 2 x 80 mm
Channel cross-section	dependent on the amount of air to be discharged
Installation depth	dependent on the room arrangement and channel cross-section
Particulate filter (width x height)	dependent on the channel cross-section and the amount of air to be discharged
Connection for ventilation system	approx. 60 mm above the ceiling level

EXHAUST AIR CHANNEL made of galvanised sheet steel	
Outlet opening	with opening at top and bottom I with an opening at the bottom
Exhaust air frame	made of stainless steel (Mat. no. 1.4301)

PARTICULATE FILTER max. 2 filters per exhaust air shaft	
Particulate filter	made of stainless steel with wire mesh I removable
Frame	made of ground stainless steel
Nominal air flow rate (example)	total: max. 1000 m^3/h per exhaust air cabinet bottom: max. 600 m^3/h, dependent on the size of the particulate separator top: max. 400 m^3/h, dependent on the size of the particulate filter

MATERIAL AND SURFACE TREATMENT	
Disinfection	resistant against disinfectant and hospital detergents



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EXHAUST AIR SHAFT
FOR IMPACT PANELS

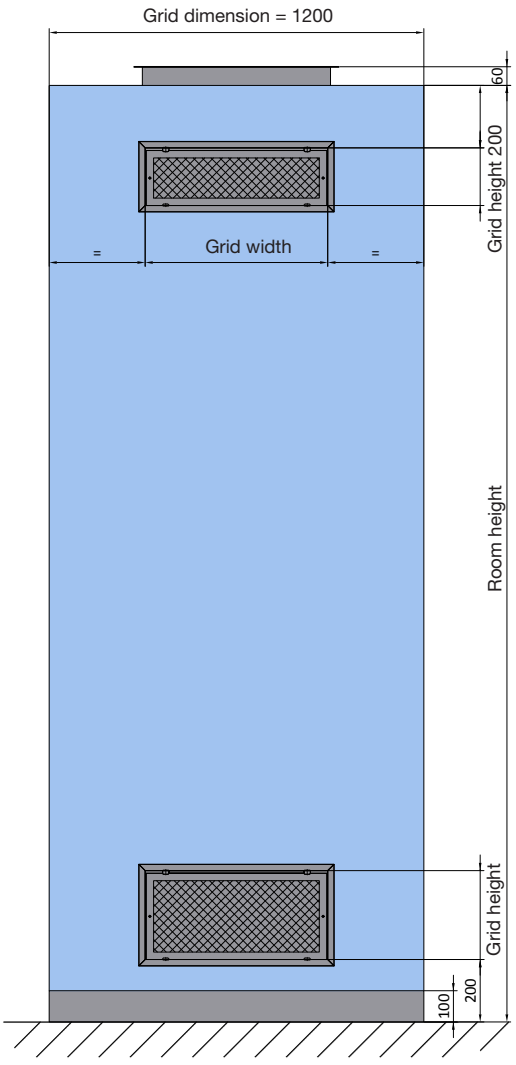
The exhaust air shaft has a rectangular opening at the bottom and/or top which is/are designed with a removable particulate filter. The cross-section dimensions of the channels and thus also the size of the particulate filters are derived from the amount of the nominal air flow rate to be discharged. The exhaust air shaft is installed flush with the HT wall panel system.

DIMENSIONS	
Length of exhaust air shaft	adjusted to suit the room
Channel cross-section	dependent on the amount of air to be discharged
Installation depth	dependent on the room arrangement and channel scross-section
Particulate filter (width x height)	dependent on the channel cross-section and the amount of air to be discharged
Connection for ventilation system	approx. 60 mm above the ceiling level

EXHAUST AIR CHANNEL made of galvanised sheet steel	
Outlet opening	with opening at top and bottom I with an opening at the bottom
Installation	flush with the HT wall panel system

PARTICULATE FILTER max. 2 filters per exhaust air shaft	
Particulate filter	made of stainless steel with wire mesh I removable
Frame	made of ground stainless steel
Nominal air flow rate (example)	total: max. 1000 m^3/h per exhaust air cabinet bottom: max. 600 m^3/h, dependent on the size of the particulate separator top: max. 400 m^3/h, dependent on the size of the particulate filter

MATERIAL AND SURFACE TREATMENT	
Disinfection	resistant against disinfectant and hospital detergents



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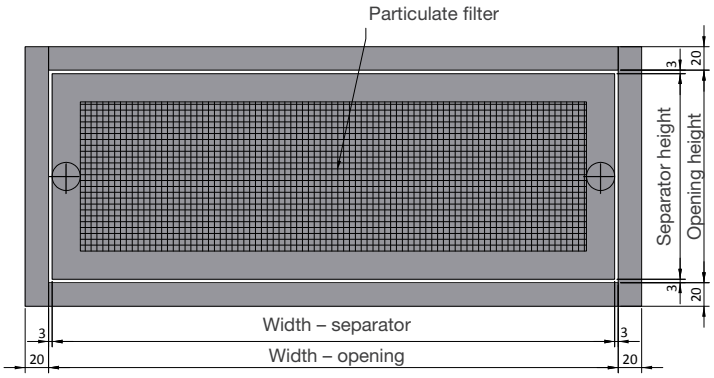
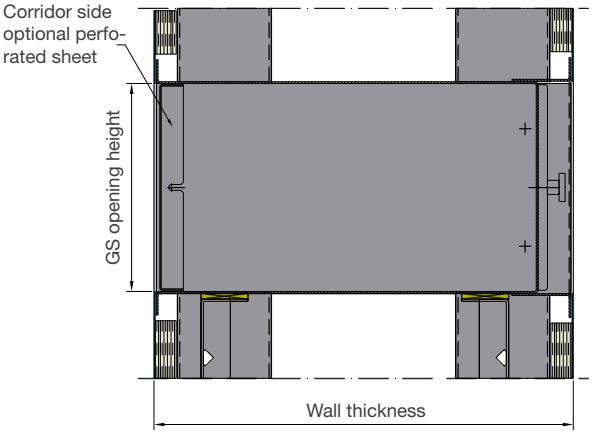
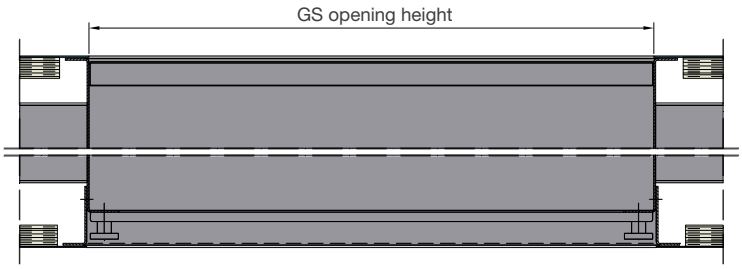
OVERFLOW OPENING

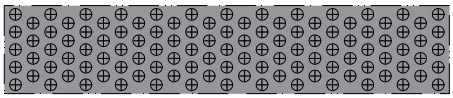
FOR METAL, GLASS AND IMPACT PANELS

The overflow opening enables the incoming air supply for the OR adjoining rooms to come from the incoming air of the operating room. A removable particulate filter is located on the side facing the OR of the overflow unit which is completely made of stainless steel. Flush installation into any wall system is possible.









DIMENSIONS	
Installation height	dependent on the room arrangements
Channel cross-section	dependent on the amount of air to be discharged
Wall thickness	at least 100 mm
Particulate filter (width x height)	dependent on the channel cross-section and the amount of air to be discharged

EXHAUST AIR SHAFT made of stainless steel	
Wall element	any HT wall system with a section
Installation	flush with the panel walls

PARTICULATE FILTER ON OPERATING ROOM SIDE WITH PARTICULATE SEPARATOR	
Perforated grid	made of stainless steel with wire mesh I removable
Profile frame	made of ground stainless steel
Particulate separator	separation of fibrous suspended materials and other dust

MATERIAL AND SURFACE TREATMENT	
Disinfection	resistant against disinfectant and hospital detergents

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