

Concrete Production

HOPPERTOP Weigh Hopper Venting Filters



11



Description ▼

HOPPERTOP is a small cylindrical venting filter especially developed for installation on weigh hoppers in concrete batching plants.

Function ▼

HOPPERTOP is a compact venting filter for mechanically filled hoppers. Dust which is separated from the air flow by a single WAM® cartridge filter element drops back into the hopper after an integrated automatic reverse air jet cleaning system inside the weather protection cover has removed the dust particles from the filter elements.

Application ▼

Thanks to its particularly small footprint the HOPPERTOP Venting Filter is the ideal solution for weigh hoppers for cement and other powdery materials in concrete batching plants.



Benefits ▼

- ✓ **Minimum maintenance required;**
- ✓ **High efficiency;**
- ✓ **Minimum space required;**
- ✓ **Easy to fit and retrofit.**



Concrete Production

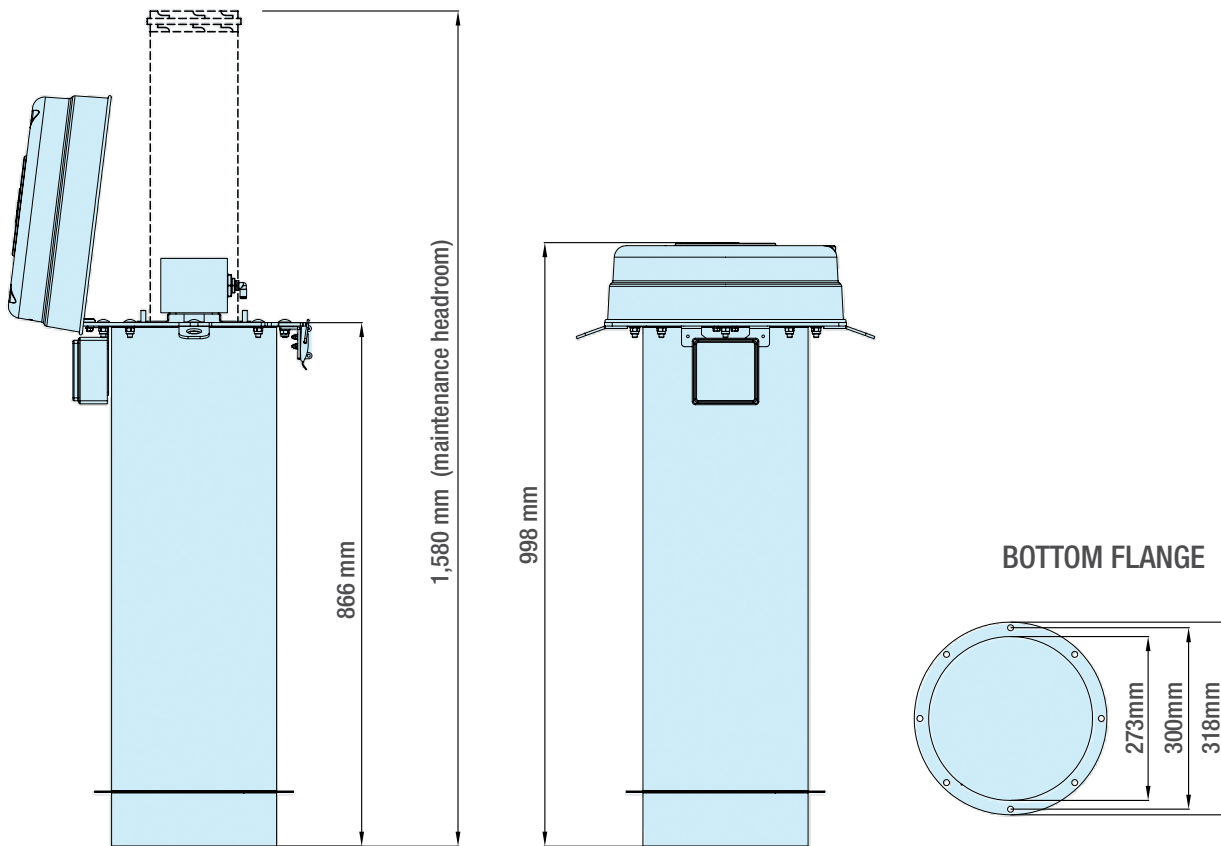
HOPPERTOP Weigh Hopper Venting Filters



Technical Features / Performance ▼

- ▶ Stainless steel, flanged, cylindrical shape body
- ▶ Dust emission <math>< 10 \text{ mg/Nm}^3</math> due to B.I.A.-certified filter media
- ▶ High filtration efficiency due to unique WAM® design filter elements
- ▶ Quick maintenance due to easy access for filtering element removal
- ▶ Filter surface: 1 m²
- ▶ Maintenance-free air jet cleaning unit integrated inside weather protection cover
- ▶ No tools required for filtering element removal
- ▶ Weld-on bottom ring included

Overall Dimensions ▼



MODEL	TYPE	FILTER SURFACE m ²
HTP10001V	VENTING	1

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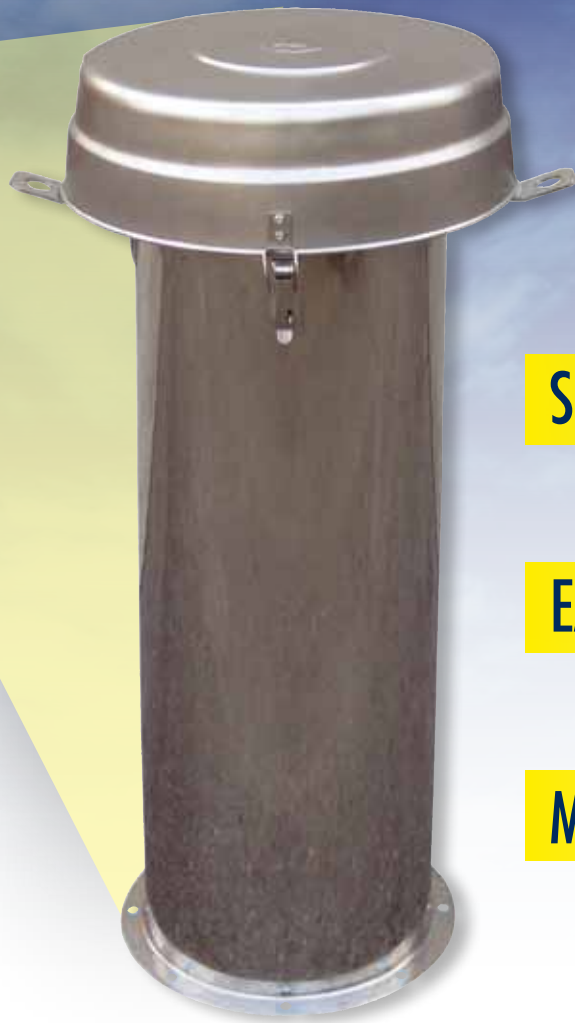
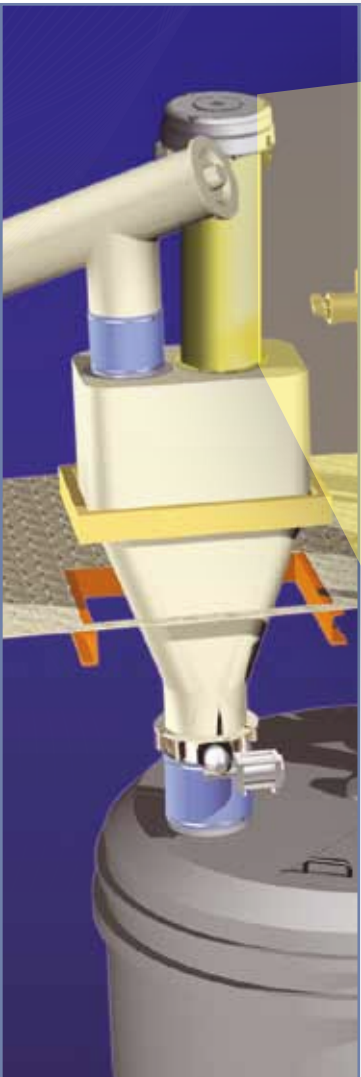
This datasheet does not show the complete range but only the models most suitable for the application.



www.wamgroup.com

HOPPERTOP

Weigh Hopper Venting Filter



SMALL FOOTPRINT

EASY TO ASSEMBLE

MAINTENANCE-FRIENDLY

HOPPERTOP

Weigh Hopper Venting

THE TOP CHOICE FOR HOPPER VENTING IN CONCRETE PLANTS

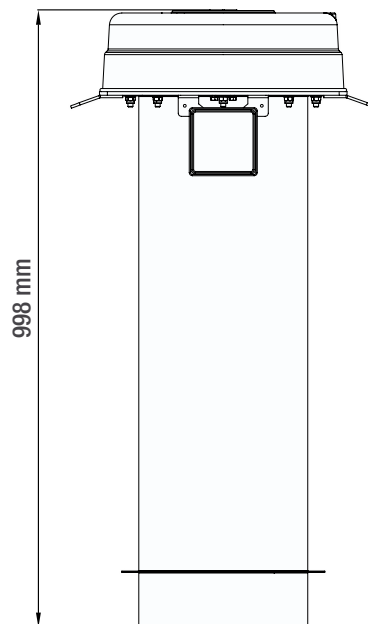
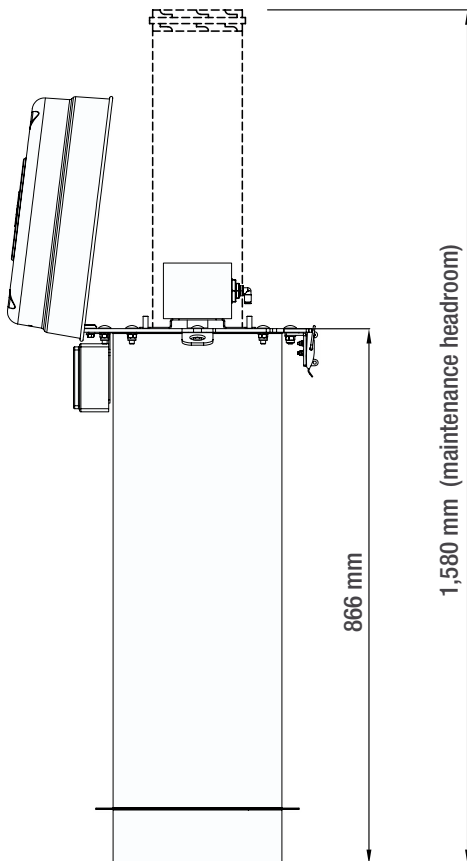
HOPPERTOP is a COMPACT air filter specially developed for venting of mechanically loaded cement weigh hoppers in concrete plants.

Dust which is separated from the air flow by a single patented WAM® cartridge filter element drops back into the hopper after an integrated automatic reverse air jet cleaning system inside the weather protection cover has removed the dust particles from the filter elements.

Features

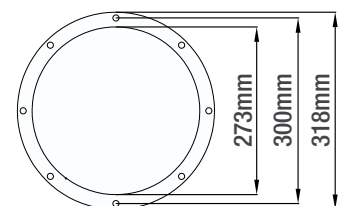
- Compact dimensions
- Stainless steel design
- Hinged cover
- High-performance quality filter cartridge
- Cartridge removal without tools

Overall Dimensions



MODEL	TYPE	FILTER SURFACE (m ²)
HTP10001V	VENTING	1
HTP10001R	FLANGE CONNECTION	1

BOTTOM FLANGE



Benefits



Maintenance height:
870mm



Durable stainless steel
design



Easy maintenance
thanks to hinged top
cover and cartridge
removal without tools



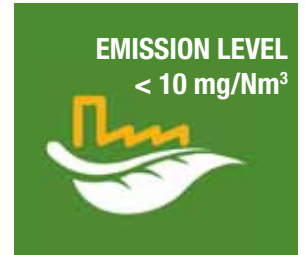
15 Kg



Small footprint, easy to
handle



Durable thanks to
special cartridge pleat
geometry

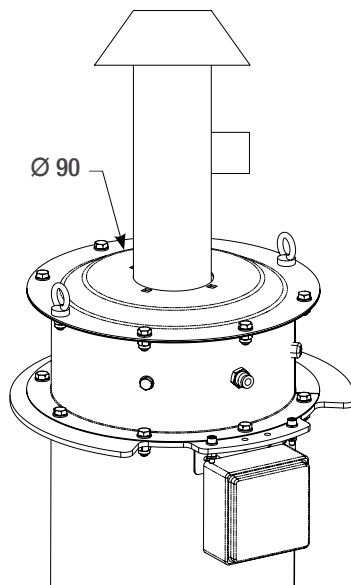


High-efficiency
filter media compliant
with international dust
emission directives

Accessories

Pipe Connection Module

- Required for dust emission sampling connection or suction duct
- Robust powder-coated steel cover
- Easy replacement with weather protection cover



Electronic Differential Pressure Meter



- Filter ΔP continuously measured and displayed on 3-digit display;
- Cleaning activation through pressure threshold;
- Alarm pressure can switch on external device;
- 4-20 mA exit to read ΔP value on plant PLC;
- Possible to retrofit on existing filters.

Applications



Typical Application:

- Venting of mechanically filled cement weigh hopper in concrete batching plant

For further information visit
www.wamgroup.com



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