

**GT<sup>®</sup> 40H**

**GT-AIR FILTER DEVICE  
GT 40H**

For heavy air pollution caused  
by oil, soluble oils and  
general cooling lubricants

**EXPERTISE IN FILTERS**  
SINCE 1992

# TECHNICAL DATA

# GT<sup>®</sup> 40H

## HEAVY POLLUTION



Liquid and solid particles in the aerosol range.  
Particle sizes between 0,01 and 10 µm. Visible on dispersion.  
Occurs when using cooling lubricants containing pure oil and soluble oils.

Occurs in the event of high cutting speeds and/or with high pressure of cooling lubricants.

**4000 m<sup>3</sup>/h**

**≥ 0.3 µm**

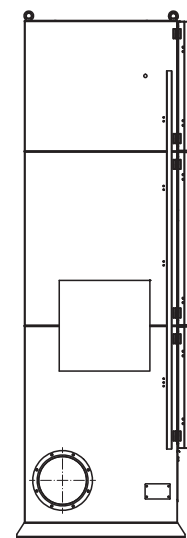
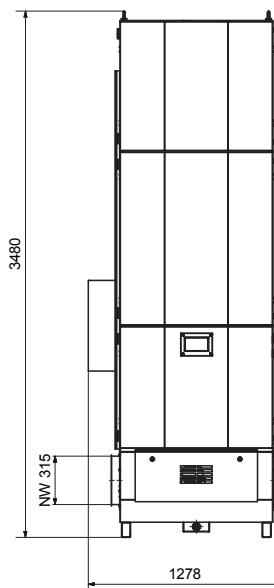
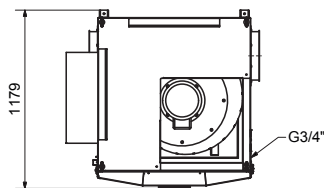
**99.97%**

## STANDARD AND TURNKEY SOLUTION

All GT air filter devices of performance classes 20, 40 and 80 can be installed as a stand-alone solution or as a central unit for several pollution sources. Individual configuration and design in response to the company-specific production environment and applicable environmental requirements is possible.

Nominal volume flow in m <sup>3</sup> /h	4000
Power in kW max.*	5.5/7.5
Drive type	Inverter optional
Connection V   Hz   phases	400/460   50/60   3
L x W x H in mm	1179 x 1278 x 3480
Weight in kg	930
Total filter surface in m <sup>2</sup> * <sup>2</sup>	105.7/127.1
1. Filter stage in m <sup>2</sup> * <sup>2</sup>	22.5 / 24.0
2. Filter stage in m <sup>2</sup> * <sup>2</sup>	27.0/30.6
3. Filter stage in m <sup>2</sup> * <sup>2</sup>	54.7/74.0
4. Filter stage in m <sup>2</sup>	n. a.
Air connection NW in mm	315
Ø free oil drain"	R 1 ¼
Ø outlet oil return pump"	G ¾

\* depends on application



Subject to technical modifications. As of 05/2017  
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