



- **Easy accessible filter units**  
Fresh air filter, type **G4**  
Process air filter, type **M5**



### Standard features

- **Dimensions**

Capacity [m <sup>3</sup> /h]	<b>16000</b>	<b>25000</b>
Dim. LxWxH [mm]	4727.5x 1625x 1675	4727.5x 1625x 1980

- **Temperature range**  
15 to 40 [°C] +/- 1[°C]\*
- **Relative humidity range**  
60 to 85 [%] +/- 3 [%]\*
- **Fan**
  - direct drive frequency controlled
  - low energy consumption, IE2
  - corrosion resistant according NEN-EN-ISO 12944-2, class C3
  - low noise level, < 75 [dBA] during operation
- **Floor, inclined drain pan**
- **Stainless steel AISI-304 in- and outside housing**
- **Good accessibility for cleaning and maintenance**
- **Retractable demister**
- **Hygienic according DIN 1946-4**
- **Eurovent certified**

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Efficiency [%] versus particle size [µm]		
Partical size	Type filter according EN 779 2012	
	<b>G4 12x24 (305x610)</b>	<b>M5 (610x610)</b>
	Pre-filter	Fine-filter
0,1 µm	-	0-10
0,3 µm	0-5	5-15
0,5 µm	5-15	15-30
1,0 µm	15-35	30-50
3,0 µm	30-55	70-90
5,0 µm	60-90	90-99
10,0 µm	85-98	>98

- **Pressure drop ( $\Delta P$ ) measurement on the fresh air filter**



- **Pressure drop ( $\Delta P$ ) measurement on the process filter by  $\Delta P$  transmitter.**



- **Electronic airflow measurement.**
- **Electronic Airduct resistance measurement.**
- **Cooling electrical cabinet**  
By standalone cooler



### Optional features:

- **Coils**  
Retractable and wet cleanable
- **Cooling coil (also de-humidification) integrated**
  - Water / propylene glycol coil based on temperatures 6/12 [°C]
- **Heating by choice of three different types**
  - Water coil based on temperatures 60/40 [°C];
  - Steam coil based on 100 [°C] at 1049 [mbar];
  - Electric Thyristor controlled;
- **Humidifier**
  - In case of factory supply of steam; injector 100 [kg/h] standard;
  - In case of stand-alone supply of steam ; capacity of 30, 50 and 100 [kg/h] available;
- **Power supply**
  - 60 [Hz] CSA/UL certified
- **Cooling electrical cabinet**  
By a cooling coil, chilled water
- **CO2 control**

\* conditions at the control position.