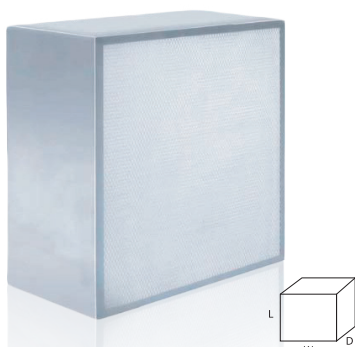


## AbSo-292-P150



**Model:** AH13-610x610x292-10/22-150  
**AH13:** Absolute filter, H13-class EN1822  
**610x610x292:** Size WxLxD mm  
**10/22:** Gasket Air Inlet/ Both side with grids  
**150:** Pleat Depth mm  
**MGT Ref:** HF13GRD2PG-610x610x292

### APPLICATIONS

- EPA-HEPA Filters absolute air filtration
- Clean room ventilation systems
- Used in microelectronics, food, photography, data centers, hospital, medical equipment industry.

### Turbulent Flow Absolute Filters

**Frame:** Galvanized  
**Media:** Micro Glass Fibre  
**Surface Grid:**  
 Both Side With Face Grids  
**Gasket Type:** Polyurethane  
**Gasket Direction:** Air Inlet  
**Filter Stage:** III-IV

**MPPS Efficiency EN 1822:**  
 H13 ( $\geq 99.95\%$ ), H14 (99.995%),  
 U15 (99.9995%), E10 ( $\geq 85\%$ ),  
 E11 ( $\geq 95\%$ ), E12 ( $\geq 99.5\%$ )  
**Max. Temperature:** 80°C  
**Relative Humidity:** 100%  
**Rec. Final Pressure Drop:** 600 Pa

**Fire Resistance Class:** K1/F1 According to DIN53438

| Model                      | P/N     | MGT's Reference | Size WxLxD  | Filter Class EN 1822 | Pleat Depth mm | Filter Area m <sup>2</sup> | Air Flow m <sup>3</sup> /h | Pressure Drop Pa | Weight kg |
|----------------------------|---------|-----------------|-------------|----------------------|----------------|----------------------------|----------------------------|------------------|-----------|
| AH13-305x305x292-10/22-150 | 140201M | HF13GRD2PG      | 305x305x292 | H13                  | 150            | 6.25                       | 600                        | 250              | 6.6       |
| AH13-305x610x292-10/22-150 | 140202M | HF13GRD2PG      | 305x610x292 | H13                  | 150            | 12.5                       | 1200                       | 250              | 11        |
| AH13-457x457x292-10/22-150 | 140203M | HF13GRD2PG      | 457x457x292 | H13                  | 150            | 14                         | 1350                       | 250              | 12.5      |
| AH13-457x610x292-10/22-150 | 140204M | HF13GRD2PG      | 457x610x292 | H13                  | 150            | 18.7                       | 1800                       | 250              | 13.2      |
| AH13-610x610x292-10/22-150 | 140205M | HF13GRD2PG      | 610x610x292 | H13                  | 150            | 25                         | 2450                       | 250              | 14.5      |
| AH13-610x762x292-10/22-150 | 140206M | HF13GRD2PG      | 610x762x292 | H13                  | 150            | 31.25                      | 3050                       | 250              | 16.25     |
| AH13-610x915x292-10/22-150 | 140207M | HF13GRD2PG      | 610x915x292 | H13                  | 150            | 37.5                       | 3650                       | 250              | 21        |
| AH14-305x305x292-10/22-150 | 140208M | HF14GRD2PG      | 305x305x292 | H14                  | 150            | 6.25                       | 550                        | 250              | 6.6       |
| AH14-305x610x292-10/22-150 | 140209M | HF14GRD2PG      | 305x610x292 | H14                  | 150            | 12.5                       | 1100                       | 250              | 11        |
| AH14-457x457x292-10/22-150 | 140210M | HF14GRD2PG      | 457x457x292 | H14                  | 150            | 14                         | 1200                       | 250              | 12.5      |
| AH14-457x610x292-10/22-150 | 140211M | HF14GRD2PG      | 457x610x292 | H14                  | 150            | 18.7                       | 1650                       | 250              | 13.2      |
| AH14-610x610x292-10/22-150 | 140212M | HF14GRD2PG      | 610x610x292 | H14                  | 150            | 25                         | 2200                       | 250              | 14.5      |
| AH14-610x762x292-10/22-150 | 140213M | HF14GRD2PG      | 610x762x292 | H14                  | 150            | 31.25                      | 2750                       | 250              | 16.25     |
| AH14-610x915x292-10/22-150 | 140214M | HF14GRD2PG      | 610x915x292 | H14                  | 150            | 37.5                       | 3300                       | 250              | 21        |
| AE10-305x305x292-10/22-150 | 140251M | HF10GRD2PG      | 305x305x292 | E10                  | 150            | 6.25                       | 1050                       | 250              | 6.6       |
| AE10-305x610x292-10/22-150 | 140252M | HF10GRD2PG      | 305x610x292 | E10                  | 150            | 12.5                       | 2100                       | 250              | 11        |
| AE10-457x457x292-10/22-150 | 140253M | HF10GRD2PG      | 457x457x292 | E10                  | 150            | 14                         | 2350                       | 250              | 12.5      |
| AE10-457x610x292-10/22-150 | 140254M | HF10GRD2PG      | 457x610x292 | E10                  | 150            | 18.7                       | 3150                       | 250              | 13.2      |
| AE10-610x610x292-10/22-150 | 140255M | HF10GRD2PG      | 610x610x292 | E10                  | 150            | 25                         | 4200                       | 250              | 14.5      |
| AE10-610x762x292-10/22-150 | 140256M | HF10GRD2PG      | 610x762x292 | E10                  | 150            | 31.25                      | 5250                       | 250              | 16.25     |
| AE10-610x915x292-10/22-150 | 140257M | HF10GRD2PG      | 610x915x292 | E10                  | 150            | 37.5                       | 6300                       | 250              | 21        |

**MADE IN TURKEY**

Manufacturer: MGT

| Model                      | P/N     | MGT's Reference | Size WxLxD  | Filter Class EN 1822 | Pleat Depth mm | Filter Area m² | Air Flow m³/h | Pressure Drop Pa | Weight kg |
|----------------------------|---------|-----------------|-------------|----------------------|----------------|----------------|---------------|------------------|-----------|
| AE11-305x305x292-10/22-150 | 140258M | HF11GRD2PG      | 305x305x292 | E11                  | 150            | 6.25           | 850           | 250              | 6.6       |
| AE11-305x610x292-10/22-150 | 140259M | HF11GRD2PG      | 305x610x292 | E11                  | 150            | 12.5           | 1700          | 250              | 11        |
| AE11-457x457x292-10/22-150 | 140260M | HF11GRD2PG      | 457x457x292 | E11                  | 150            | 14             | 1900          | 250              | 12.5      |
| AE11-457x610x292-10/22-150 | 140261M | HF11GRD2PG      | 457x610x292 | E11                  | 150            | 18.7           | 2550          | 250              | 13.2      |
| AE11-610x610x292-10/22-150 | 140262M | HF11GRD2PG      | 610x610x292 | E11                  | 150            | 25             | 3400          | 250              | 14.5      |
| AE11-610x762x292-10/22-150 | 140263M | HF11GRD2PG      | 610x762x292 | E11                  | 150            | 31.25          | 4250          | 250              | 16.25     |
| AE11-610x915x292-10/22-150 | 140264M | HF11GRD2PG      | 610x915x292 | E11                  | 150            | 37.5           | 5100          | 250              | 21        |
| AE12-305x305x292-10/22-150 | 140265M | HF12GRD2PG      | 305x305x292 | E12                  | 150            | 6.25           | 675           | 250              | 6.6       |
| AE12-305x610x292-10/22-150 | 140266M | HF12GRD2PG      | 305x610x292 | E12                  | 150            | 12.5           | 1350          | 250              | 11        |
| AE12-457x457x292-10/22-150 | 140267M | HF12GRD2PG      | 457x457x292 | E12                  | 150            | 14             | 1500          | 250              | 12.5      |
| AE12-457x610x292-10/22-150 | 140268M | HF12GRD2PG      | 457x610x292 | E12                  | 150            | 18.7           | 2000          | 250              | 13.2      |
| AE12-610x610x292-10/22-150 | 140269M | HF12GRD2PG      | 610x610x292 | E12                  | 150            | 25             | 2700          | 250              | 14.5      |
| AE12-610x762x292-10/22-150 | 140270M | HF12GRD2PG      | 610x762x292 | E12                  | 150            | 31.25          | 3350          | 250              | 16.25     |
| AE12-610x915x292-10/22-150 | 140271M | HF12GRD2PG      | 610x915x292 | E12                  | 150            | 37.5           | 4000          | 250              | 21        |

## Other Options:

**Frame:** Aluminum, SS304, SS316

**Media:** High Heat (Max.120°C)

**Flange Type:** Without, 25mm Single, 25mm Double, 20mm Single, 20mm Double, Custom Size

**Surface Grid:** Without, Air Outlet, Both side

**Gasket type:** Without gasket, Rubber, EPDM, High heat.

**Gasket direction:** No, Air Outlet, Both side

**Hygiene certification:** HEPA FILTER | VDI 6022 Blatt 1:2018, DIN 1946-4:2018, ISO 846:2019 Plastics, BS EN 17141:2020.

**Food contact Conformity:** HEPA Filter (available on request) | (EC) No 1935/2004, (EC) No 2002/72, (EU) No 10/2011, (EU) No 2020/1245, U.S. FDA-Determining the Regulatory Status of Components of a Food Contact Material.

Other dimensions on demand  
Pressure drop  $\pm$  15%  
Deep pleat  
High air flow  
Low pressure drop

**MADE IN TURKEY**

Manufacturer: MGT