

THG-Teminal Housing Green



APPLICATIONS: The Seal Gasket Housing is a terminal unit for HVAC systems, designed to provide guaranteed HEPA final filtration and controlled air distribution in cleanroom environments such as hospitals, pharmaceuticals, food processing, and biotechnology facilities. It supports ISO EN 14644-3 in-situ testing. The terminal housing can be fully equipped with all essential functions needed for turbulent airflow cleanrooms.

STRUCTURAL PROPERTIES

- **Optimized Inlet Air Direction:** Curved collar and calculated spacing ensure even airflow and minimal impact velocity.
- **Strong Construction:** 100% welded inside and outside for leak-free performance; stainless steel or powder coating for durability.
- **No Risk of Leakage:** Air-tight housing with leakage rate <0.01% at 450Pa, compliant with ISO EN 14644-3.
- **Filter Handle & Simple Lifting:** Easy installation/removal with 3mm thick retainer and M6 hex head; fits all filter depths.
- **Diffuser Grille:** 70% free area for aeration; available in aluminum, steel, or stainless steel with various finishes.
- **DOP/PAO & DP Test Port:** Integrated ports for filter leak testing and pressure measurement; ensures accurate aerosol concentration.
- **Available for All Gasket Types:** Compatible with 69/90/110 depth filters; supports low-pressure drop and energy-saving options.
- **Air Distribute Disc:** Ensures even distribution of air and aerosol for precise upstream concentration during testing.

Model	HEPA/ULPA Filter Size (WxHxD) mm	Housing Size (AxBxH) mm	Grille Dim. (mm)	Inlet Collar (mm)	Unit Weight (kg)
THG-365365200-X	305 x 305 x 69	365 x 365 x 200	415 x 415	Ø200	6
THG-365670200-X	305 x 610 x 69	365 x 670 x 200	415 x 720	Ø200	8
THG-670670200-X	610 x 610 x 69	670 x 670 x 200	720 x 720	Ø250/300	11
THG-670822200-X	762 x 610 x 69	822 x 670 x 200	872 x 720	Ø250/300	13
THG-670974200-X	915 x 610 x 69	974 x 670 x 200	1024 x 720	Ø250/300	15
THG-6701279200-X	1220 x 610 x 69	1279 x 670 x 200	1329 x 720	Ø300/350	18
THG-365365230-X	305 x 305 x 90	365 x 365 x 230	415 x 415	Ø200	6
THG-365670230-X	305 x 610 x 90	365 x 670 x 230	415 x 720	Ø200	9
THG-670670230-X	610 x 610 x 90	670 x 670 x 230	720 x 720	Ø250/300	12
THG-670822230-X	610 x 762 x 90	822 x 670 x 230	872 x 720	Ø250/350	14
THG-670974230-X	610 x 915 x 90	974 x 670 x 230	1024 x 720	Ø250/350	16
THG-6701279230-X	610 x 1220 x 90	1279 x 670 x 230	1329 x 720	Ø300/400	19
THG-365365250-X	305 x 305 x 110	365 x 365 x 250	415 x 415	Ø200	6
THG-365670250-X	305 x 610 x 110	365 x 670 x 250	415 x 720	Ø200/250	9
THG-670670250-X	610 x 610 x 110	670 x 670 x 250	720 x 720	Ø250/350	13
THG-670822250-X	610 x 762 x 110	822 x 670 x 250	872 x 720	Ø250/400	15
THG-670974250-X	610 x 915 x 110	974 x 670 x 250	1024 x 720	Ø250/400	16
THG-6701279250-X	610 x 1220 x 110	1279 x 670 x 250	1329 x 720	Ø300/400	20
THG-365670290-X	305 x 610 x 150	365 x 670 x 290	415 x 720	Ø250	10
THG-670670290-X	610 x 610 x 150	670 x 670 x 290	720 x 720	Ø350	14
THG-670822290-X	610 x 762 x 150	822 x 670 x 290	872 x 720	Ø350	16
THG-670974290-X	610 x 915 x 150	974 x 670 x 290	1024 x 720	Ø350	18
THG-6701279290-X	610 x 1220 x 150	1279 x 670 x 290	1329 x 720	Ø400	22
THG-365670432-X	305 x 610 x 292	365 x 670 x 432	415 x 720	200x400	13
THG-670670432-X	610x610x292	670 x 670 x 432	720 x 720	400x400	18
THG-670822432-X	762 x 610 x 292	822 x 670 x 432	872 x 720	400x500	20

*X: material = "SS304" (stainless steel 304); "SS430" (stainless steel 430); "CSP" (powder coating steel).