**Camfil GlidePack MultiTrack 13/21/32 Specifications**

1. **General**
   1. Filter housing shall be multi-stage air filter housing consisting of 0.040” and 0.063” UV-resistant painted aluminum alloy enclosure with a multi-filter adaptable extruded aluminum filter mounting track. The unit shall have a dual-hinged access door(s) and there shall be dual-access doors on units wider than three full-size filters. In-line housing depth shall not exceed 13”, 21”, and 32” for MT13, MT22 and MT32, respectively. Painted panels
   2. Sizes shall be as noted on enclosed drawings or other supporting materials.
2. **Construction**
   1. The housing shall be constructed of 0.040” and 0.063” aluminum alloy with exterior perimeter channels to facilitate attachment to other HVAC system components. The housing shall be weatherproof and suitable for rooftop/outdoor installation without modification.
   2. The housing shall incorporate the capability of multiple stages of filtration without modification to the housing. A filter track with an integrated seal of extruded aluminum construction shall be an integral component of housing construction. The following filter configurations shall be housed within the airway length of the corresponding model:
      1. MT13: The track shall accommodate a 2” deep prefilter and a 6” rigid headered filter.
      2. MT21: The track shall accommodate a 2” or 4” deep prefilter and a 6” or 12” rigid or pocket headered filter.
      3. MT32: The track shall accommodate a 2” deep prefilter and up to two 12” deep headered filters.
   3. Access swing-open doors shall include a high-memory sponge neoprene gasket to facilitate a door-to-filter seal against all individual stages of filtration. Each door shall be equipped with toolless lockable multi-functional hinges that allow the access door to swing open in a left-hand or right-hand configuration. The multi-functional hinges shall also allow complete removal of the door without tools. All filter housings larger than 3 full-size filters wide shall have access doors on both sides of the housing.
   4. The housing shall include three UV-resistant pneumatic fittings to allow the installation of static pressure gauge(s) to measure differential pressure across the prefilter(s) and the final filter. Static pressure taps should allow gauge lines to be attached using slip-on crimp-style tubing or compression-style couplings.
3. **Performance**
   1. Leakage at rated airflow, upstream to downstream of filter and slide mechanism shall not exceed 1/2 of 1% at 3.0” w.g. Leakage of the pressure boundary of the housing shall be less than ¼ of 1% of rated flow at 3.0” w.g. and less than ½ of 1% of rated flow at 8.0” w.g. Housing shall be designed to withstand duct pressures up to 10” w.g. without additional reinforcement or permanent deflection of the housing walls.
   2. Housing integrity test reports of listed performance values and environmental exposure shall be available on request from the housing manufacturer.
   3. Housing shall be double wall insulated, meet ASTM E-84, and have a minimum R-value of 6 per inch of panel thickness providing an overall insulation value of R7.
   4. Manufacturer shall provide evidence of facility certification to ISO 9001:2015.
   5. Housings shall be Camfil GlidePack® MultiTrack 13, 21, or 32 or approved equal.

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