



GlidePack[®] UniTrack

Single-Stage Air Filter Housing



GlidePack UniTrack 25 shown.

Single-stage air filter housing that ensures that all of the air moving through the system will be treated by the air filter.

The Camfil GlidePack UniTrack 13 and UniTrack 25 air filter housings provide a filter holding mechanism to ensure that the system efficiency is the same as the filter efficiency by ensuring that all system air moves through the installed filters.

The base aluminum mounting track includes a ribbed surface to ensure that filters slide easily across the tracks in housing configurations from four high to six filters wide. Each Camfil GlidePack UniTrack includes:

- A 1-inch nominal size filter header track, that will hold short depth bag filters or 6-inch deep box filters in the GlidePack UniTrack 13, or longer bags or 12-inch deep box filters in the GlidePack UniTrack 25.
- A replaceable fin seal polypropylene filter gasket on each filter track to ensure a secure filter to track seal of less than 1% across the filter at 3.0" w.g.
- 16-gauge galvanized steel construction with convenient out-turned standing flanges to mate to existing HVAC equipment. The flanges include moisture weeping paths so that housing are weatherproof without modification for rooftop or exterior installation. Flanges are designed to mate with other Camfil housings for those applications that may require multiple filter housings.
- 16-gauge galvanized steel dual-access doors for filter service from either side of the unit. The doors swing-open and are engineered to be square to the housing flange to maintain a continuous door to housing seal. UV resistant star-style handles assure a tight seal each time the access doors are opened and closed. The seal is remade each time the air filters are changed to ensure leak free integrity throughout the life of the housing.
- High-memory sponge neoprene door edge gaskets prevent contaminants from leaking into or out of the housing. Integrity of housing to ambient leakage is less than 1%.
- Poly sponge door gaskets eliminate filter air bypass between the housing doors and filters so all of the air is treated by the installed filters.
- An integral pneumatic fitting for the installation of an optional static pressure Magnehelic, or preventative maintenance computer system connections to facilitate evaluation of the installed filters.

Additional options include stainless steel or aluminum construction, high-pressure construction (to 8.0" w.g.), double-wall with insulation and transitions to standard HVAC equipment.



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PERFORMANCE DATA

Housing Dimensions & Airflow Capacities (UniTrack 13 is 13" Deep and UniTrack 25 is 25" Deep.)

Number of filters high	Height (inches)	Number of filters wide (based upon nominal 24" by 24")											
		1/2	1	1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6
1/2	15-1/4	—	1000	—	2000	—	3000	—	4000	—	5000	—	6000
1	27-1/4	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000
1-1/2	39-1/2	—	3000	—	6000	—	9000	—	12000	—	15000	—	18000
2	51-1/2	2000	4000	6000	8000	10000	12000	14000	16000	18000	20000	22000	24000
2-1/2	63-3/4	—	5000	—	10000	—	15000	—	20000	—	25000	—	30000
3	75-3/4	—	6000	9000	12000	15000	18000	21000	24000	27000	30000	33000	36000
3-1/2	88	—	7000	—	14000	—	21000	—	28000	—	35000	—	42000
4	100	—	8000	12000	16000	20000	24000	28000	32000	36000	40000	44000	48000
Width (inches)		11-3/8	23-3/8	34-3/4	46-3/4	58-1/8	70-1/8	81-1/2	93-1/2	104-7/8	116-7/8	128-1/4	140-1/4

DATA NOTES:
Airflow rated at 500 fpm, may be operated to 625 fpm.
Standard housing operational to ± 6.0" w.g.

Available Options:
Stainless steel construction
Aluminum construction
High-pressure construction (to 8.0" w.g.)
Double-wall with insulation
Transitions to standard HVAC equipment.
Contact factory for additional information.

Specifications

1.0 General

1.1 - Filter housing shall be single-stage air filter housing consisting of 16-gauge galvanized steel enclosure, extruded aluminum filter mounting track, dual-access doors, three static pressure taps, door and filter gaskets and seals. In-line housing depth shall not exceed (13", 25" *).

1.2 - Sizes shall be as noted on enclosed drawings or other supporting materials.

2.0 Construction

2.1 - The housing shall be constructed of 16-gauge galvanized steel (stainless steel or aluminum*) with standing flanges to facilitate attachment to other HVAC system components. Corner posts of Z-channel construction shall ensure housing stability and rigidity. The housing shall be weatherproof and suitable for rooftop/outdoor installation without modification.

2.2 - The housing shall incorporate a nominal 1" filter track, of extruded aluminum and shall be an integral component of housing construction.

2.3 - Dual access swing-open doors shall include high-memory sponge neoprene gasket to facilitate a door-to-filter seal against all individual stages of filtration. Each door shall be equipped with adjustable

and replaceable positive sealing UV-resistant star-style knobs and replaceable door hinges.

2.5 - The housing shall include a pneumatic fitting to allow the installation of static pressure gauge to evaluate pressure drop across the installed air filter.

3.0 Performance

3.1 - Leakage at rated airflow, upstream to downstream of filter and slide mechanism shall not exceed 1% at 3.0" w.g. Leakage into or out of the housing shall be less than 1% at 3.0" w.g.

3.2 - Accuracy of pneumatic pressure fittings, when used to evaluate a single-stage, or multiple filter stages, shall be accurate within ± 3% at 0.6" w.g.

3.3 - Housing integrity to listed performance values shall be available on request from the housing manufacturer.

3.3 - Manufacturer shall provide evidence of facility certification to ISO 9001:2008.

Housings shall be Camfil GlidePack (UniTrack 13, UniTrack 25 *) or approved equal.

* Items in parentheses may require selection.

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For detailed specifications please consult your local Camfil Distributor or Representative or www.camfil.com.

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