

# GEL TYPE HEPA CEILING FILTER WITH FLANGE

(RSR : ROOM SIDE REPLACEMENT)

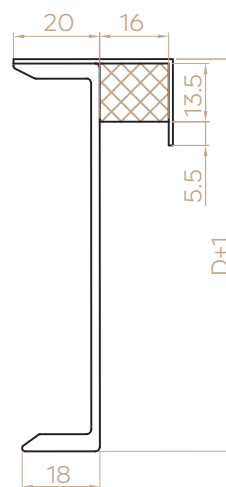


## Applications:

Final filter for cleanrooms and LF units  
 Life science  
 Healthcare  
 Microelectronics  
 Food & Beverages

## Highlights:

- Additional stainless steel L profile on flange
- High quality fluid gel gasket (self healing)
- High quality glass fiber media
- Guaranteed leak free
- Individual test certificate (acc. to EN 1822 - ISO 29463)
- Optimized velocity distribution



|                           |  |                             |                                 |
|---------------------------|--|-----------------------------|---------------------------------|
| Filter Standard:          | EN 1822 and ISO 29463                      | Max. Operating Temperature: | 80°C                            |
| Filter Class:             | H13 - H14                                  | Faceguard:                  | Aluminium sheet (powder coated) |
| Media:                    | High quality glass fiber                   | Gasket:                     | Gel                             |
| Frame:                    | Anodized extruded aluminium                | Sealing Compound:           | Two component polyurethane      |
| Rec. Final Pressure Drop: | Initial pressure drop x2,<br>(max. 600 Pa) | Separator:                  | Hotmelt                         |

## GEL TYPE HEPA CEILING FILTER WITH FLANGE

| Filter Model                  | Filter Class |           | Dimensions<br>WxHxD<br>(mm) | Filtration<br>Area<br>(m <sup>2</sup> ) | Pleat<br>Height<br>(mm) | Nominal<br>Airflow<br>(m <sup>3</sup> /h) | Initial<br>Pressure Drop<br>(Pa) |
|-------------------------------|--------------|-----------|-----------------------------|---|-------------------------|---|----------------------------------|
|                               | EN 1822      | ISO 29463 |                             |   |                         |   |                                  |
| HC-H14-A-2-FJ-339-644-91-FB-G | H14          | ISO 45 H  | 339x644x91                  | 6                                       | 65                      | 300                                       | 110                              |
| HC-H14-A-2-FJ-491-491-91-FB-G | H14          | ISO 45 H  | 491x491x91                  | 6,9                                     | 65                      | 340                                       | 110                              |
| HC-H14-A-2-FJ-644-644-91-FB-G | H14          | ISO 45 H  | 644x644x91                  | 12,2                                    | 65                      | 600                                       | 110                              |

### GEL TYPE HEPA CEILING FILTER WITH FLANGE CODE CONFIGURATION

| Filter Type                                   | Filter Class | Frame        | Pleat Height | Design               | Dimensions (mm)      | Faceguard  | Gasket |
|---|--------------|--------------|--------------|----------------------|----------------------|--|--------|
| HC : Gel Type HEPA Ceiling Filter with Flange | H13<br>H14   | A: Aluminium | 2 : 65       | Gel Type with Flange | 644x644x91<br>(90+1) | FW: Without<br>FC: On Clean Side<br>FD: On Dirty Side<br>FB: On Both Sides | G: Gel |

"Other dimensions are available on request."

"Differential Pressure Tolerance ±10%"

"Net filter dimensions without flange is less than 34 mm from width and length "

"It's possible to manufacture at various depths (56,67,70,79,101,111,118,126,151mm) using the stainless adaptive L profile applied to the HEPA Ceiling Filter aluminum profiles."