



## ADVANTAGES

- Maximum continuous operating temperature 250°C
- 100% leak-free: individually scan tested at 20°C
- High mechanical stability
- High temperature HEPA Filter
- High air flow (1,5m/s)

|                                 |                                                         |
|---------------------------------|---------------------------------------------------------|
| <b>Application</b>              | Protection for clean processes at high temperatures     |
| <b>Frame</b>                    | Stainless steel                                         |
| <b>Gasket</b>                   | Silicone                                                |
| <b>Media</b>                    | Glass fiber                                             |
| <b>Separator</b>                | Aluminium                                               |
| <b>Sealant</b>                  | Silicon HT                                              |
| <b>Max. final pressure drop</b> | 500 Pa                                                  |
| <b>Max Temperature (°C)</b>     | 250°C                                                   |
| <b>Relative Humidity max</b>    | 100%                                                    |
| <b>Comment</b>                  | Please note the installation and assembly instructions! |

| Type                    | EN1822 | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Media area (m²) | Weight (kg) |
|-------------------------|--------|-----------------------|---------------------------------|-----------------|-------------|
| 1FRSI-25-1SIHT          | H13    | 203x203x78            | 50/250                          | 0,5             | 2,5         |
| 1FRSI-50-1SIHT          | H13    | 203x203x150           | 90/250                          | 0,9             | 3,1         |
| 1FRSI-110-1SIHT         | H13    | 305x305x150           | 250/250                         | 2,4             | 4,0         |
| 1FRSI- 200-1SIHT        | H13    | 305x305x292           | 410/250                         | 5,1             | 5,1         |
| 1FRSI- 220-1SIHT        | H13    | 305x610x150           | 540/250                         | 5,0             | 7,9         |
| 1FRSI- 300-1SIHT        | H13    | 457x457x150           | 620/250                         | 5,9             | 8,5         |
| 1FRSI- 450-1SIHT        | H13    | 305x610x292           | 900/250                         | 10,4            | 15,6        |
| 1FRSI- 600-1SIHT        | H13    | 610x610x150           | 1180/250                        | 10,9            | 11,4        |
| 1FRSI- 725-1SIHT        | H13    | 457x610x292           | 1420/250                        | 16,3            | 18,0        |
| 1FRSI- 830-1SIHT        | H13    | 762x610x150           | 1500/250                        | 13,7            | 13,5        |
| 1FRSI- 980-1SIHT        | H13    | 915x610x150           | 1800/250                        | 16,8            | 15,8        |
| 1FRSI-1000-1SIHT        | H13    | 610x610x292           | 1960/250                        | 22,5            | 16,5        |
| 1FRSI-1250-1SIHT        | H13    | 762x610x292           | 2500/250                        | 28,4            | 23,5        |
| 1FRSI-610x457x150-1SIHT | H13    | 610x457x150           | 860/250                         | 7,8             | 8,4         |
| 1FRSI-457x457x292-1SIHT | H13    | 457x457x292           | 1030/250                        | 12,8            | 10,5        |
| 1FRSI-610x762x292-1SIHT | H13    | 610x762x292           | 2500/250                        | 22,7            | 21,5        |

Other dimensions & gasket on request  
Type -1SIHT = gasket upstream (standard)