



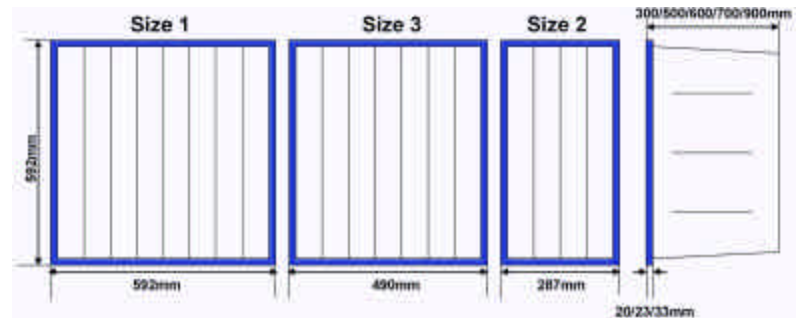
## Variflow Pocket Filter

## HE65

## F6



### Dimensions



### Range

|                                   |             |                       |
|-----------------------------------|-------------|-----------------------|
| <b>Grade - High Efficiency F6</b> | <b>HE65</b> |                       |
| <b>Header Size HxW (mm)</b>       |             |                       |
| 592 x 592                         | <b>1</b>    |                       |
| 592 x 287                         | <b>2</b>    |                       |
| 592 x 490                         | <b>3</b>    |                       |
| <b>Pocket Length (mm)</b>         |             | <b>Capacity m3/hr</b> |
| 300                               | <b>30</b>   | 1400                  |
| 500                               | <b>50</b>   | 2400                  |
| 600                               | <b>60</b>   | 2850                  |
| 700                               | <b>70</b>   | 3300                  |
| 900                               | <b>90</b>   | 4250                  |
| <b>Header Depth (mm)</b>          |             |                       |
| 20                                |             | <b>20</b>             |
| 23                                |             | <b>23</b>             |
| 33                                |             | <b>33</b>             |

e.g: HE65-3-30-20 = High efficiency F6 Grade 592H x 490W (mm) header size, 300mm pocket length 20mm Header depth.

### Resistance & Dust Holding at rated air flow

| Pocket Length | Initial Resistance (Pa) | Final resistance (Pa) | Dust Holding Capacity |
|---------------|-------------------------|-----------------------|-----------------------|
| 300           | 50                      | 550                   | 260g                  |
| 500           | 53                      | 550                   | 390g                  |
| 600           | 60                      | 550                   | 490g                  |
| 700           | 70                      | 550                   | 530g                  |
| 900           | 95                      | 550                   | 710g                  |

**Note** Capacities shown are based on test results obtained using 592x592mm Filters with 8 Pockets.

### Applications

For high efficiency filtration in heating, ventilating and air conditioning systems. The Variflow HE65 is designed to ensure long life between maintenance intervals and achieve a high level of clean air. This product is suitable for use in general applications where a high dust spot efficiency is required, typically for the removal of atmospheric staining. It may be used as part of a multi-stage filtration system and is particularly suitable where fibre shedding is unacceptable. Due to the highly efficient nature of this product pre-filtration is recommended.

### Construction

The Variflow HE65 is constructed from specially manufactured synthetic media using the latest micro-fibre technology. Each pocket is fitted with retaining spacers to prevent over inflation. The pockets are retained in a rigid galvanised header frame and fitted with individual aerodynamic pocket cappings, ensuring maximum stability and rigidity in all applications.

### Technical Information

|                                      |                    |
|--------------------------------------|--------------------|
| <b>EN779 Rating</b>                  | <b>F6</b>          |
| <b>Average atmospheric Dust Spot</b> | <b>60 - 65%</b>    |
| <b>Maximum Temperature</b>           | <b>100°C</b>       |
| <b>Maximum Humidity</b>              | <b>100% RH</b>     |
| <b>Product Complies with</b>         | <b>BS5588 P.19</b> |

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