

# Glass Fiber Pocket Filter

KP9Medium

Adaptive Efficiency: F5, F6, F7, F8

## Product Features

- Long life-span of media
- 100% factory inspection
- Import glass fiber media to make sure the efficiency
- Large dust holding capacity
- Performance of flame-retardant is Well to achieve UL-2 standard.

## Application

The best ideal for fire certification company to use, and ideal configuration for ventilation air conditioning system.

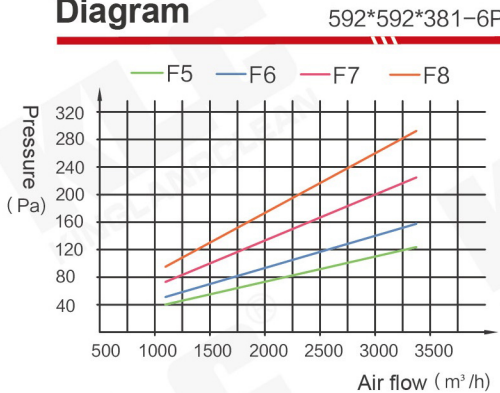
## Material and Operation Conditions

| Media                           | Micro glass fiber                    |
|---------------------------------|--------------------------------------|
| Pocket type                     | Sewing bag / Ultrasonic bag          |
| Frame                           | Extruded aluminum / Galvanized steel |
| Optional aluminum thickness(mm) | 21 25                                |
| Max. Temperature                | 50℃                                  |
| Max. Humidity                   | 100%                                 |

## Technology Parameters

| Model No. | Size(mm)<br>(WxHxD) | Rated air flow/Initial resistance<br>(m³/h)/(Pa) | Media area<br>(m²) | Velocity<br>(m/s) | Different air flow/Initial resistance (m³/h)/(Pa) |          |         | Efficiency<br>(EN779) | Pocket Numbers |
|-----------|---------------------|--------------------------------------------------|--------------------|-------------------|---------------------------------------------------|----------|---------|-----------------------|----------------|
|           |                     |                                                  |                    |                   | 2m/s                                              | 2.45m/s  | 3m/s    |                       |                |
| KP9-001   | 287*592*381         | 750/55                                           | 1.6                | 1.23              | 600/45                                            | 750/55   | 900/65  | F5                    | 3              |
| KP9-002   | 287*592*500         | 1000/55                                          | 2.1                | 1.63              | 800/45                                            | 1000/55  | 1200/65 | F5                    | 3              |
| KP9-003   | 287*592*600         | 1200/55                                          | 2.5                | 1.96              | 950/45                                            | 1200/55  | 1450/65 | F5                    | 3              |
| KP9-004   | 490*592*381         | 1450/55                                          | 3.1                | 1.39              | 1150/45                                           | 1450/55  | 1750/65 | F5                    | 6              |
| KP9-005   | 490*592*500         | 1900/55                                          | 4.1                | 1.82              | 1500/45                                           | 1900/55  | 2300/65 | F5                    | 6              |
| KP9-006   | 490*592*600         | 2250/55                                          | 4.8                | 2.15              | 1800/45                                           | 2250/55  | 2700/65 | F5                    | 6              |
| KP9-007   | 592*592*381         | 1500/55                                          | 3.2                | 1.19              | 1200/45                                           | 1500/55  | 1800/65 | F5                    | 6              |
| KP9-008   | 592*592*381         | 1900/55                                          | 4.1                | 1.51              | 1500/45                                           | 1900/55  | 2300/65 | F5                    | 8              |
| KP9-009   | 592*592*381         | 2400/55                                          | 5.0                | 1.90              | 1900/45                                           | 2400/55  | 2900/65 | F5                    | 10             |
| KP9-010   | 592*592*500         | 2000/55                                          | 4.2                | 1.59              | 1600/45                                           | 2000/55  | 2400/65 | F5                    | 6              |
| KP9-011   | 592*592*500         | 2500/55                                          | 5.4                | 1.98              | 2000/45                                           | 2500/55  | 3000/65 | F5                    | 8              |
| KP9-012   | 592*592*500         | 3000/55                                          | 6.6                | 2.38              | 2400/45                                           | 3000/55  | 3600/65 | F5                    | 10             |
| KP9-013   | 592*592*600         | 2300/55                                          | 5.0                | 1.82              | 1850/45                                           | 2300/55  | 2750/65 | F5                    | 6              |
| KP9-014   | 592*592*600         | 2950/55                                          | 6.4                | 2.34              | 2350/45                                           | 2950/55  | 3550/65 | F5                    | 8              |
| KP9-015   | 592*592*600         | 3600/55                                          | 7.9                | 2.85              | 2800/45                                           | 3600/55  | 4300/65 | F5                    | 10             |
| KP9-016   | 287*592*381         | 750/70                                           | 1.6                | 1.23              | 600/55                                            | 750/70   | 900/85  | F6                    | 3              |
| KP9-017   | 287*592*500         | 1000/70                                          | 2.1                | 1.63              | 800/55                                            | 1000/70  | 1200/85 | F6                    | 3              |
| KP9-018   | 287*592*600         | 1200/70                                          | 2.5                | 1.96              | 950/55                                            | 1200/70  | 1450/85 | F6                    | 3              |
| KP9-019   | 490*592*381         | 1450/70                                          | 3.1                | 1.39              | 1150/55                                           | 1450/70  | 1750/85 | F6                    | 6              |
| KP9-020   | 490*592*500         | 1900/70                                          | 4.1                | 1.82              | 1500/55                                           | 1900/70  | 2300/85 | F6                    | 6              |
| KP9-021   | 490*592*600         | 2250/70                                          | 4.8                | 2.15              | 1800/55                                           | 2250/70  | 2700/85 | F6                    | 6              |
| KP9-022   | 592*592*381         | 1500/70                                          | 3.2                | 1.19              | 1200/55                                           | 1500/70  | 1800/85 | F6                    | 6              |
| KP9-023   | 592*592*381         | 1900/70                                          | 4.1                | 1.51              | 1500/55                                           | 1900/70  | 2300/85 | F6                    | 8              |
| KP9-024   | 592*592*381         | 2400/70                                          | 5.0                | 1.90              | 1900/55                                           | 2400/70  | 2900/85 | F6                    | 10             |
| KP9-025   | 592*592*500         | 2000/70                                          | 4.2                | 1.59              | 1600/55                                           | 2000/100 | 2400/85 | F6                    | 6              |
| KP9-026   | 592*592*500         | 2500/70                                          | 5.4                | 1.98              | 2000/55                                           | 2500/100 | 3000/85 | F6                    | 8              |
| KP9-027   | 592*592*500         | 3000/70                                          | 6.6                | 2.38              | 2400/55                                           | 3000/100 | 3600/85 | F6                    | 10             |
| KP9-028   | 592*592*600         | 2300/70                                          | 5.0                | 1.82              | 1850/55                                           | 2300/100 | 2750/85 | F6                    | 6              |
| KP9-029   | 592*592*600         | 2950/70                                          | 6.4                | 2.34              | 2350/55                                           | 2950/100 | 3550/85 | F6                    | 8              |
| KP9-030   | 592*592*600         | 3600/70                                          | 7.9                | 2.85              | 2800/55                                           | 3600/100 | 4300/85 | F6                    | 10             |

## Air Flow & Resistance Diagram



| Model No. | Size(mm)<br>(WxHxD) | Rated air flow/Initial resistance<br>(m³/h)/(Pa) | Media area<br>(m²) | Velocity<br>(m/s) | Different air flow/Initial resistance (m³/h)/(Pa) |          |          | Efficiency<br>(EN779) | Pocket Numbers |
|-----------|---------------------|--------------------------------------------------|--------------------|-------------------|---------------------------------------------------|----------|----------|-----------------------|----------------|
|           |                     |                                                  |                    |                   | 2m/s                                              | 2.45m/s  | 3m/s     |                       |                |
| KP9-031   | 287*592*381         | 750/100                                          | 1.6                | 1.23              | 600/80                                            | 750/100  | 900/120  | F7                    | 3              |
| KP9-032   | 287*592*500         | 1000/100                                         | 2.1                | 1.63              | 800/80                                            | 1000/100 | 1200/120 | F7                    | 3              |
| KP9-033   | 287*592*600         | 1200/100                                         | 2.5                | 1.96              | 950/80                                            | 1200/100 | 1450/120 | F7                    | 3              |
| KP9-034   | 490*592*381         | 1450/100                                         | 3.1                | 1.39              | 1150/80                                           | 1450/100 | 1750/120 | F7                    | 6              |
| KP9-035   | 490*592*500         | 1900/100                                         | 4.1                | 1.82              | 1500/80                                           | 1900/100 | 2300/120 | F7                    | 6              |
| KP9-036   | 490*592*600         | 2250/100                                         | 4.8                | 2.15              | 1800/80                                           | 2250/100 | 2700/120 | F7                    | 6              |
| KP9-037   | 592*592*381         | 1500/100                                         | 3.2                | 1.19              | 1200/80                                           | 1500/100 | 1800/120 | F7                    | 6              |
| KP9-038   | 592*592*381         | 1900/100                                         | 4.1                | 1.51              | 1500/80                                           | 1900/100 | 2300/120 | F7                    | 8              |
| KP9-039   | 592*592*381         | 2400/100                                         | 5.0                | 1.90              | 1900/80                                           | 2400/100 | 2900/120 | F7                    | 10             |
| KP9-040   | 592*592*500         | 2000/100                                         | 4.2                | 1.59              | 1600/80                                           | 2000/100 | 2400/120 | F7                    | 6              |
| KP9-041   | 592*592*500         | 2500/100                                         | 5.4                | 1.98              | 2000/80                                           | 2500/100 | 3000/120 | F7                    | 8              |
| KP9-042   | 592*592*500         | 3000/100                                         | 6.6                | 2.38              | 2400/80                                           | 3000/100 | 3600/120 | F7                    | 10             |
| KP9-043   | 592*592*600         | 2300/100                                         | 5.0                | 1.82              | 1850/80                                           | 2300/100 | 2750/120 | F7                    | 6              |
| KP9-044   | 592*592*600         | 2950/100                                         | 6.4                | 2.34              | 2350/80                                           | 2950/100 | 3550/120 | F7                    | 8              |
| KP9-045   | 592*592*600         | 3600/100                                         | 7.9                | 2.85              | 2300/80                                           | 3600/100 | 4300/120 | F7                    | 10             |
| KP9-046   | 287*592*381         | 750/130                                          | 1.6                | 1.23              | 600/105                                           | 750/130  | 900/155  | F8                    | 3              |
| KP9-047   | 287*592*500         | 1000/130                                         | 2.1                | 1.63              | 800/105                                           | 1000/130 | 1200/155 | F8                    | 3              |
| KP9-048   | 287*592*600         | 1200/130                                         | 2.5                | 1.96              | 950/105                                           | 1200/130 | 1450/155 | F8                    | 3              |
| KP9-049   | 490*592*381         | 1450/130                                         | 3.1                | 1.39              | 1150/105                                          | 1450/130 | 1750/155 | F8                    | 6              |
| KP9-050   | 490*592*500         | 1900/130                                         | 4.1                | 1.82              | 1500/105                                          | 1900/130 | 2300/155 | F8                    | 6              |
| KP9-051   | 490*592*600         | 2250/130                                         | 4.8                | 2.15              | 1800/105                                          | 2250/130 | 2700/155 | F8                    | 6              |
| KP9-052   | 592*592*381         | 1500/130                                         | 3.2                | 1.19              | 1200/105                                          | 1500/130 | 1800/155 | F8                    | 6              |
| KP9-053   | 592*592*381         | 1900/130                                         | 4.1                | 1.51              | 1500/105                                          | 1900/130 | 2300/155 | F8                    | 8              |
| KP9-054   | 592*592*381         | 2400/130                                         | 5.0                | 1.90              | 1900/105                                          | 2400/130 | 2900/155 | F8                    | 10             |
| KP9-055   | 592*592*500         | 2000/130                                         | 4.2                | 1.59              | 1600/105                                          | 2000/130 | 2400/155 | F8                    | 6              |
| KP9-056   | 592*592*500         | 2500/130                                         | 5.4                | 1.98              | 2000/105                                          | 2500/130 | 3000/155 | F8                    | 8              |
| KP9-057   | 592*592*500         | 3000/130                                         | 6.6                | 2.38              | 2400/105                                          | 3000/130 | 3600/155 | F8                    | 10             |
| KP9-058   | 592*592*600         | 2300/130                                         | 5.0                | 1.82              | 1850/105                                          | 2300/130 | 2750/155 | F8                    | 6              |
| KP9-059   | 592*592*600         | 2950/130                                         | 6.4                | 2.34              | 2350/105                                          | 2950/130 | 3550/155 | F8                    | 8              |
| KP9-060   | 592*592*600         | 3600/130                                         | 7.9                | 2.85              | 2900/105                                          | 3600/130 | 4300/155 | F8                    | 10             |

1. Apart from the above standard sizes, customized size and efficiency are available.(F5, F6, F7, F8). 2.Deviation range for resistance is ±15%. 3.The above parameters are based on glass fiber bags.