

Double Body Screen Filters

4"



| Specifications | AQ-528DS | | AQ-528D | |
|-------------------------------------|---------------------------------------|--------------------------|---------------------------------------|--------------------------|
| | US Standard | Metric Standard | US Standard | Metric Standard |
| Inlet/outlet connection | 4" NPT male thread | 4" BSP male thread | 4" NPT male thread | 4" BSP male thread |
| Max. Working Pressure (PPGF Filter) | 110 Psi | 8 kg/cm ² | 110 Psi | 8 kg/cm ² |
| Max. Working Pressure (PA Filter) | 145 Psi | 10 kg/cm ² | 145 Psi | 10 kg/cm ² |
| Range of Flow Rate | 264-352 GPM | 60 -80 m ³ /h | 352 - 440 GPM | 80-100 m ³ /h |
| Nominal Flow Rate | 308 GPM | 70 m ³ /h | 396 GPM | 90m ³ /h |
| Filtration Surface area | 253.3 in ² | 1634 cm ² | 324.9 in ² | 2096 cm ² |
| Material of Construction | Glass Filled Polypropylene/ Polyamide | | Glass Filled Polypropylene/ Polyamide | |
| Screen Material | Stainless Steel SS-316 | Stainless Steel SS-316 | Stainless Steel SS-316 | Stainless Steel SS-316 |
| Cartridge Diameter (With O-ring) | 4.8 in | 122 mm | 4.8 in | 122 mm |
| Cartridge Length | 15 in x2 | 383mm x 2 | 19.8 in x 2 | 502mm x 2 |
| Available Mesh | 80,120, 150 mesh | 80,120, 150 mesh | 80, 120, 150 mesh | 80, 120, 150 mesh |

Head Loss : AQ-128DS

| | | | | | |
|-----------------------------------|-------|------|------|------|-------|
| Flow, m ³ /h | 48 | 60 | 70 | 80 | 96 |
| Pressure Loss, kg/cm ² | 0.05 | 0.11 | 0.15 | 0.19 | 0.26 |
| Flow, GPM | 211.2 | 264 | 308 | 352 | 422.4 |
| Pressure Loss, Psi | 0.71 | 1.56 | 2.13 | 2.70 | 3.69 |

Head Loss : AQ -128D

| | | | | | |
|-----------------------------------|-------|------|------|------|------|
| Flow, m ³ /h | 64 | 80 | 90 | 100 | 120 |
| Pressure Loss, kg/cm ² | 0.09 | 0.17 | 0.22 | 0.27 | 0.38 |
| Flow, GPM | 281.6 | 352 | 396 | 440 | 528 |
| Pressure Loss, Psi | 1.28 | 2.41 | 3.12 | 3.83 | 5.40 |

Filtering Element 80 Mesh



120 Mesh



150 Mesh



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