

Double Body Disc Filters

4"



| Specifications | AQ-538DS | | AQ-538D | |
|-------------------------------------|---------------------------------------|-------------------------|---------------------------------------|--------------------------|
| | 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 | 90 m ³ /h |
| Filtration Surface area | 369.8 in ² | 2386 cm ² | 524 in ² | 3380 cm ² |
| Material of Construction | Glass Filled Polypropylene/ Polyamide | | Glass Filled Polypropylene/ Polyamide | |
| Material of Disc | Polypropylene disc | Polypropylene disc | Polypropylene disc | Polypropylene disc |
| Cartridge Diameter | 4.8 in | 122mm | 4.8 in | 122 mm |
| Cartridge Length | 15.28 in x 2 | 388mm x 2 | 20.3 in x 2 | 515mm x 2 |
| Available Mesh | 80, 120, 150 mesh | 80, 120, 150 mesh | 80, 120, 150 mesh | 80, 120, 150 mesh |

| Head Loss : AQ -138DS | | | | | |
|-----------------------------------|-------|------|------|------|-------|
| Flow, m ³ /h | 48 | 60 | 70 | 80 | 96 |
| Pressure Loss, kg/cm ² | 0.16 | 0.22 | 0.29 | 0.38 | 0.52 |
| Flow, GPM | 211.2 | 264 | 308 | 352 | 422.4 |
| Pressure Loss, Psi | 2.27 | 3.12 | 4.12 | 5.40 | 7.38 |

| Head Loss : AQ -138D | | | | | |
|-----------------------------------|-------|------|------|------|------|
| Flow, m ³ /h | 64 | 80 | 90 | 100 | 120 |
| Pressure Loss, kg/cm ² | 0.24 | 0.34 | 0.42 | 0.5 | 0.7 |
| Flow, GPM | 281.6 | 352 | 396 | 440 | 528 |
| Pressure Loss, Psi | 3.41 | 4.83 | 5.96 | 7.10 | 9.94 |

Filtering Element

- 80 Mesh
- 120 Mesh
- 150 Mesh



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