

T Type Disc Filters

AQ-136TS(HC)



AQ-136TS





| | |
|--|----------------------------|
| Max. Operating Pressure | 6 Kg/cm ² |
| Clamp Material | Nylon Reinforced |
| Vacuum Breaker | For upside up installation |
| Drain port location | Front of the filter Body |
| Flow passes through outside to inside of Disc stake. | |

| | |
|--|--------------------------|
| Max. Operating Pressure | 8 Kg/cm ² |
| Clamp Material | Stainless Steel |
| Vacuum Breaker | Not fit with this design |
| Drain port location | Below the Filter barrel |
| Flow passes through outside to inside of Disc stake. | |

| Specifications | AQ-136TS(HC) & AQ-136TS | |
|--------------------------|--------------------------|--------------------------|
| | US Standard | Metric Standard |
| Inlet / outlet | 3" NPT | 3" BSP |
| Range of Flow Rate | 155-200 GPM | 35-45 m ³ /hr |
| Nominal Flow Rate | 175 GPM | 40 m ³ /hr |
| Filtration Surface Area | 185 in ² | 1193cm ² |
| Material of Construction | Reinforced Polypropylene | |
| Material of Disc | Polypropylene Disc | |
| Cartridge Diameter | 4.76 Inches | 14mm |
| Cartridge Length | 15.75 Inches | 400mm |
| Available Mesh | 120, 150 mesh | 120, 150 mesh |

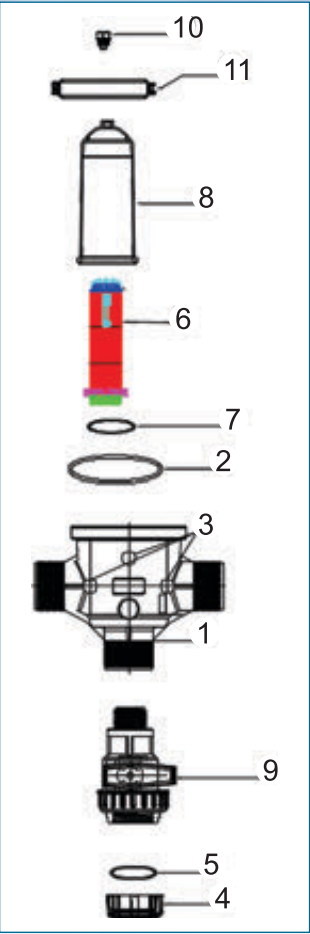
Filtering Element

| | |
|----------|---|
| 120 Mesh |  |
| 150 Mesh |  |

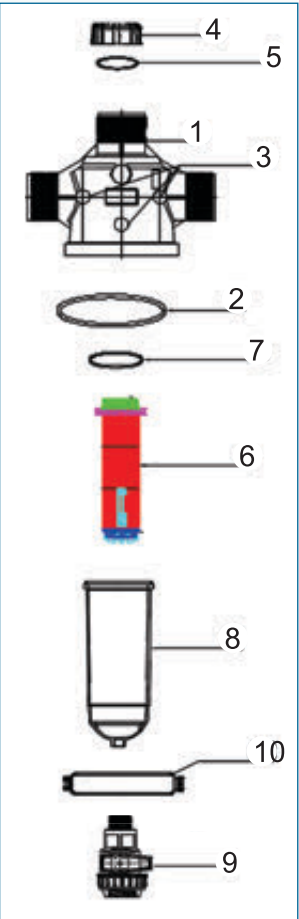
Head Loss : AQ-136TS(HC) & AQ-136TS

| | | | | |
|----------------------------------|------|------|------|-------|
| Flow m ³ /hr | 28 | 35 | 40 | 45 |
| Pressure Loss kg/cm ² | 0.13 | 0.21 | 0.28 | 0.365 |
| Flow GPM | 123 | 155 | 175 | 200 |
| Pressure Loss PSI | 1.82 | 3.06 | 3.87 | 5.32 |

T Type Disc Filters



| 3" Disc Filter [Model 136 TS (HC) - 40 m³/hr] | | | | |
|---|--|----------------------|---------------------|--------------|
| AIPL CODE | DESCRIPTION | INLET/OUTLET | CONNECTION SIZE | MICRON /MESH |
| 14350031 | 3" Disc Filter T-Type (With Hybrid Clamp) 120 Mesh | Male Thread NPT | 3" | 130/120 |
| 14070087 | 3" Disc Filter T-Type (With Hybrid Clamp) 120 Mesh | Male Thread BSP | 3" | 130/120 |
| 14430003 | 3" Disc Filter T-Type (With Hybrid Clamp) 120 Mesh | Victaulic Connection | 3" | 130/120 |
| SPARE PARTS | | | | |
| S. NO | PARTS NAME | PART CODE | MATERIAL | QTY |
| 1 | Plain Body (BSP Thread) | 12490001 | Glass reinforced PP | 1 |
| | Plain Body (NPT Thread) | 12490185 | | |
| | Plain Body (Victaulic Connection) | 12490006 | | |
| 2 | Gasket | 50030031 | NBR | 1 |
| 3 | Brass Bush | 50100033 | Brass | 3 |
| 4 | End Cap (BSP Thread) | 12490009 | Glass reinforced PP | 1 |
| | End Cap (NPT Thread) | 12490010 | | |
| 5 | End Cap O-Ring | 50010039 | NBR | 1 |
| 6 | Disc Cartridge (120 Mesh) | 14130004 | Glass reinforced PP | 1 |
| | Disc Cartridge (150 Mesh) | 14130010 | | |
| 7 | Cartridge O-Ring | 50010087 | NBR | 1 |
| 8 | Barrel | 12490116 | Glass reinforced PP | 1 |
| 9 | 3/4"x3/4" FXM Ball Valve | 19070001 | PP | 1 |
| 10 | 3/4" Vacuum Breaker | 25100051 | Glass reinforced PP | 1 |
| 11 | Hybrid Clamp (SS Long Handle) | 14050038 | Glass reinforced PA | 1 |



| 3" Disc Filter (Model 136 TS - 40 m³/hr) | | | | |
|--|--|----------------------|---------------------|--------------|
| AIPL CODE | DESCRIPTION | INLET/OUTLET | CONNECTION SIZE | MICRON /MESH |
| 14340005 | 3" Disc Filter T-Type (With SS Clamp) 120 Mesh | Male Thread NPT | 3" | 130/120 |
| 14010008 | 3" Disc Filter T-Type (With SS Clamp) 120 Mesh | Male Thread BSP | 3" | 130/120 |
| 14420003 | 3" Disc Filter T-Type (With SS Clamp) 120 Mesh | Victaulic Connection | 3" | 130/120 |
| SPARE PARTS | | | | |
| S. NO | PARTS NAME | PART CODE | MATERIAL | QTY |
| 1 | Plain Body (BSP Thread) | 12490001 | Glass reinforced PP | 1 |
| | Plain Body (NPT Thread) | 12490185 | | |
| | Plain Body (Victaulic Connection) | 12490006 | | |
| 2 | Gasket | 50030031 | NBR | 1 |
| 3 | Brass Bush | 50100033 | Brass | 3 |
| 4 | End Cap (BSP Thread) | 12490009 | Glass reinforced PP | 1 |
| | End Cap (NPT Thread) | 12490010 | | |
| 5 | End Cap O-Ring | 50010039 | NBR | 1 |
| 6 | Disc Cartridge (120 Mesh) | 14130004 | Glass reinforced PP | |
| | Disc Cartridge (150 Mesh) | 14130010 | | |
| 7 | Cartridge O-Ring | 50010087 | NBR | 1 |
| 8 | Barrel | 12490116 | Glass reinforced PP | 1 |
| 9 | 3/4"x3/4" FXM Ball Valve | 19070001 | PP | 1 |
| 10 | SS Clamp (Long Handle) | 14010060 | SS 304 | 1 |