

**Filter + Regulator + Lubricator -- Page 1**

**AC2000-5000 Air Filter Combination**  
(Three Elements: Filter+Regulator+Mist Separator)



|                           |                                       |                 |               |               |               |
|---------------------------|---------------------------------------|-----------------|---------------|---------------|---------------|
| Model                     | AC1000-M5                             | AC2000-01(02)   | AC3000-02(03) | AC4000-04(06) | AC5000-06(10) |
| Port Size                 | M5                                    | G1/8(G1/4)      | G1/4(G3/8)    | G1/2(G3/4)    | G3/4(G1)      |
| Rated Flow (L/min)        | 90                                    | 500             | 2000          | 4000          | 5000          |
| Pressure Gauge Size       | G1/16                                 | G1/8            | G1/8          | G1/4          | G1/4          |
| Weight (kg)               | 0.26                                  | 0.74            | 1.18          | 2.14          | 3.82          |
| Pressure Regulating Range | 0.05~0.7MPa                           | 0.05~0.85MPa    |               |               |               |
| Material                  | Cover                                 | --              |               | Iron          |               |
|                           | Body                                  | Aluminium-Alloy |               |               |               |
|                           | Cup                                   | Polycarbonate   |               |               |               |
| Filter Precision          | Standard: 25μm    Optional: 5μm, 50μm |                 |               |               |               |
| Proof Pressure            | 1.5MPa                                |                 |               |               |               |
| Max. Pressure             | 1.0MPa                                |                 |               |               |               |
| Ambient And Fluid Temp.   | 5~60℃                                 |                 |               |               |               |
| Recommended Oil           | Turbine No.1 Oil    ISO VG32          |                 |               |               |               |
| Valve Type                | With Overflow                         |                 |               |               |               |

**AC2010-5010 Air Filter Combination**  
(Two Elements: Filter With Pressure Reducer + Mist Separator)



| Model                     |       | AC1010-M5                             | AC2010-01(02) | AC3010-02(03) | AC4010-03(04) | AC5010-06(10) |
|---------------------------|-------|---------------------------------------|---------------|---------------|---------------|---------------|
| Port Size                 |       | M5                                    | G1/8(G1/4)    | G1/4(G3/8)    | G1/2(G3/4)    | G3/4(G1)      |
| Rated Flow (L/min)        |       | 90                                    | 500           | 1700          | 3000          | 4000          |
| Pressure Gauge Size       |       | G1/16                                 | G1/8          | G1/8          | G1/4          | G1/4          |
| Weight (kg)               |       | 0.22                                  | 0.66          | 0.98          | 1.93          | 3.25          |
| Pressure Regulating Range |       | 0.05~0.7MPa                           | 0.05~0.85Mpa  |               |               |               |
| Material                  | Cover | --                                    |               | Iron          |               |               |
|                           | Body  | Aluminium-Alloy                       |               |               |               |               |
|                           | Cup   | Polycarbonate                         |               |               |               |               |
| Filter Precision          |       | Standard: 25µm    Optional: 5µm, 50µm |               |               |               |               |
| Proof Pressure            |       | 1.5MPa                                |               |               |               |               |
| Max. Pressure             |       | 1.0MPa                                |               |               |               |               |
| Ambient And Fluid Temp.   |       | 5~60℃                                 |               |               |               |               |
| Recommended Oil           |       | Turbine No.1 Oil    ISO VG32          |               |               |               |               |
| Valve Type                |       | With Overflow                         |               |               |               |               |

**AF Series Air Filter**



| Model                            |       | AF1000-M5                             | AF2000-01(02) | AF3000-02(03) | AF4000-04 | AF5000-06(10) |
|----------------------------------|-------|---------------------------------------|---------------|---------------|-----------|---------------|
| Port Size                        |       | M5                                    | G1/8(G1/4)    | G1/4(G3/8)    | G1/2      | G3/4(G1)      |
| Rated Flow (L/min)               |       | 110                                   | 750           | 1500          | 4000      | 7000          |
| Weight (kg)                      |       | 0.07                                  | 0.19          | 0.29          | 0.55      | 1.08          |
| Bowl Capacity (cm <sup>3</sup> ) |       | 4                                     | 15            | 20            | 45        | 130           |
| Material                         | Cover | --                                    |               | Iron          |           |               |
|                                  | Body  | Aluminium-Alloy                       |               |               |           |               |
|                                  | Cup   | Polycarbonate                         |               |               |           |               |
| Filter Precision                 |       | Standard: 25µm    Optional: 5µm, 50µm |               |               |           |               |
| Proof Pressure                   |       | 1.5MPa                                |               |               |           |               |
| Max. Pressure                    |       | 1.0MPa                                |               |               |           |               |
| Ambient And Fluid Temp.          |       | 5~60℃                                 |               |               |           |               |

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### AR Series Pressure Reducer



| Model                     |           | AR1000-M5        | AR2000-01(02) | AR3000-02(03)   | AR4000-04  | AR5000-06(10) |
|---------------------------|-----------|------------------|---------------|-----------------|------------|---------------|
| Port Size                 |           | M5               | G1/8(G1/4)    | G1/4(G3/8)      | G1/2       | G3/4(G1)      |
| Rated Flow (L/min)        |           | 100              | 550           | 2500            | 6000       | 8000          |
| Pressure Gauge Size       |           | 1/16             | 1/8           | 1/8             | 1/4        | 1/4           |
| Weight (kg)               |           | 0.08             | 0.27          | 0.41            | 0.84       | 1.19          |
| Pressure Regulating Range |           | 0.5~7.0MPa       | 0.05~0.85MPa  |                 |            |               |
| Material                  | Body      | Zinc             |               | Aluminium-Alloy |            |               |
|                           | Cover     | Reinforced Nylon |               |                 | Zinc-Alloy |               |
|                           | Diaphragm | Rubber           |               |                 |            |               |
| Proof Pressure            |           | 1.5MPa           |               |                 |            |               |
| Max. Pressure             |           | 1.0MPa           |               |                 |            |               |
| Ambient And Fluid Temp.   |           | 5~60℃            |               |                 |            |               |
| Valve Type                |           | With Overflow    |               |                 |            |               |

### AL Series Mist Separator



| Model                         |       | AL1000-M5                    | AL2000-01(02) | AL3000-02(03)   | AL4000-04(06) | AL5000-06(10) |
|-------------------------------|-------|------------------------------|---------------|-----------------|---------------|---------------|
| Port Size                     |       | M5                           | G1/8(G1/4)    | G1/4(G3/8)      | G1/2(G3/4)    | G3/4(G1)      |
| Rated Flow (L/min)            |       | 95                           | 800           | 1700            | 5000          | 7000          |
| Min. Flow Of Oil Drop (L/min) |       | 4                            | 15            | 30(40)          | 50            | 190           |
| Weight (kg)                   |       | 0.07                         | 0.22          | 0.30            | 0.56          | 1.08          |
| Bowl Capacity (cm³)           |       | 7                            | 25            | 50              | 130           | 130           |
| Material                      | Cover | --                           |               | Iron            |               |               |
|                               | Body  | Zinc                         |               | Aluminium-Alloy |               |               |
|                               | Cup   | Polycarbonate                |               |                 |               |               |
| Recommended Oil               |       | Turbine No.1 Oil    ISO VG32 |               |                 |               |               |
| Proof Pressure                |       | 1.5MPa                       |               |                 |               |               |
| Max. Pressure                 |       | 1.0MPa                       |               |                 |               |               |
| Ambient And Fluid Temp.       |       | 5-60℃                        |               |                 |               |               |

### AW Series Filter With Pressure Reducer



| Model                     |       | AW1000-M5                             | AW2000-01(02) | AW3000-02(03)   | AW4000-04(06) | AW5000-06(10) |
|---------------------------|-------|---------------------------------------|---------------|-----------------|---------------|---------------|
| Port Size                 |       | M5                                    | G1/8(G1/4)    | G1/4(G3/8)      | G1/2(G3/4)    | G3/4(G1)      |
| Rated Flow (L/min)        |       | 100                                   | 550           | 2000            | 4000(4500)    | 5000          |
| Pressure Gauge Size       |       | 1/16                                  | 1/8           | 1/8             | 1/4           | 1/4           |
| Weight (kg)               |       | 0.09                                  | 0.36          | 0.56            | 1.15          | 2.02          |
| Pressure Regulating Range |       | 0.05~0.70MPa                          | 0.05~0.85MPa  |                 |               |               |
| Material                  | Cover | --                                    |               | Iron            |               |               |
|                           | Body  | Zinc                                  |               | Aluminium-Alloy |               |               |
|                           | Cup   | Polycarbonate                         |               |                 |               |               |
| Filter Precision          |       | Standard: 25μm    Optional: 5μm, 50μm |               |                 |               |               |
| Proof Pressure            |       | 1.5MPa                                |               |                 |               |               |
| Max. Pressure             |       | 1.0MPa                                |               |                 |               |               |
| Ambient And Fluid Temp.   |       | 5~60℃                                 |               |                 |               |               |
| Valve Type                |       | With Overflow                         |               |                 |               |               |