

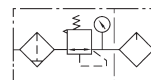
# Air Combination (FR. L Combination)

## AC 1010~5010 Series



### Specifications

### Symbol



|                               |                                                                                                          |        |        |
|-------------------------------|----------------------------------------------------------------------------------------------------------|--------|--------|
| Fluid                         | Air                                                                                                      |        |        |
| Proof pressure                | 1.5MPa (15kgf/cm <sup>2</sup> )                                                                          |        |        |
| Max. operating pressure       | 1.0MPa (10kgf/cm <sup>2</sup> )                                                                          |        |        |
| Ambient and fluid temperature | 5~60℃                                                                                                    |        |        |
| Nominal filtration rating     | 5 μ m                                                                                                    | 25 μ m | 50 μ m |
| Recommended lubricant         | Class 1 turbine oil (ISO VG32)                                                                           |        |        |
| Bowl material                 | PC K1300                                                                                                 |        |        |
| Bowl guard                    | AC1010~2010 (Not Available) AC3010~5010 (Available)                                                      |        |        |
| Set pressure range            | AC1010:0.05~0.7MPa (0.5~7kgf/cm <sup>2</sup> )<br>AC2010~5010:0.05~0.85MPa (0.5~8.5kgf/cm <sup>2</sup> ) |        |        |
| Regulator construction        | Relieving type                                                                                           |        |        |

| Model     | Specifications     |            |                        |                    |                             |                | Accessories |                   |
|-----------|--------------------|------------|------------------------|--------------------|-----------------------------|----------------|-------------|-------------------|
|           | Component          |            | *Rated Flow<br>(L/min) | **Port Size<br>(G) | Pressure gauge<br>port size | Weight<br>(kg) | Bracket     | Pressure<br>gauge |
|           | Filter & Regulator | Lubricator |                        |                    |                             |                |             |                   |
| AC1010-M5 | AW1000             | AL1000     | 90                     | M5                 | 1/16                        | 0.22           | Y10T        | G27-10-R1         |
| AC2010-01 | AW2000             | AL2000     | 500                    | 1/8                | 1/8                         | 0.66           | Y20T        | G36-10-01         |
| AC2010-02 |                    |            |                        | 1/4                |                             |                |             |                   |
| AC3010-02 | AW3000             | AL3000     | 1700                   | 1/4                | 1/8                         | 0.98           | Y30T        |                   |
| AC3010-03 |                    |            |                        | 3/8                |                             |                |             |                   |
| AC4010-03 | AW4000             | AL4000     | 3000                   | 3/8                | 1/4                         | 1.93           | Y40T        | G46-10-02         |
| AC4010-04 |                    |            |                        | 1/2                |                             |                |             |                   |
| AC4010-06 | AW4000-06          | AL4000-06  | 3000                   | 3/4                | 1/4                         | 1.99           | Y50T        |                   |
| AC5010-06 | AW5000             | AL5000     | 4000                   | 3/4                | 1/4                         | 3.20           | Y60T        |                   |
| AC5010-10 |                    |            |                        | 1                  |                             |                |             |                   |

\*Under the circumstance that the inlet pressure is 0.7MPa (7.1kgf/cm<sup>2</sup>) and the set pressure is 0.5MPa (5.1kgf/cm<sup>2</sup>)

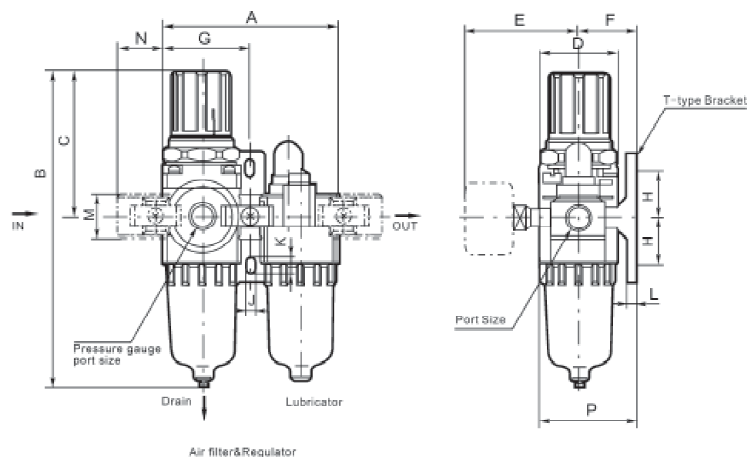
\*\* Rc and NPT port sizes are available.

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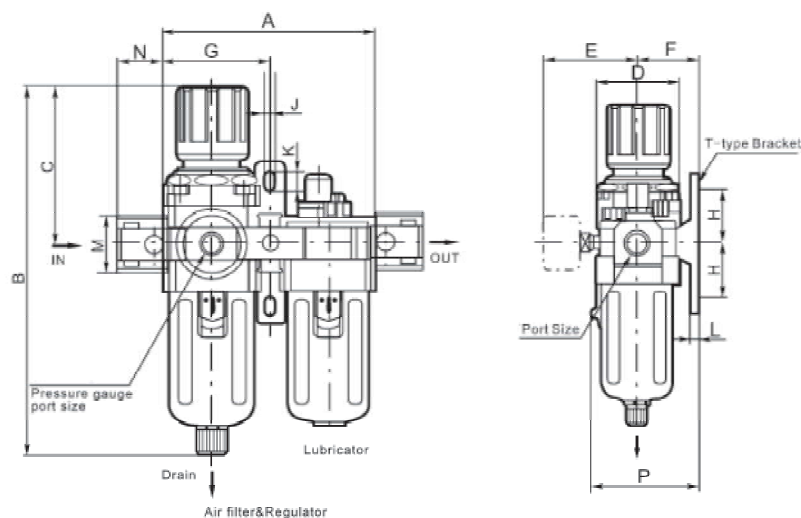
## AC1010~5010 Series

### Dimensions

#### AC1010~2010



#### AC3010~5010



| Model     | Port size<br>G | A   | B     | C    | D  | E    | F    | G    | H  | J   | K   | L    | M    | N  | P    |
|-----------|----------------|-----|-------|------|----|------|------|------|----|-----|-----|------|------|----|------|
| AC1010    | M5             | 58  | 109.5 | 50.5 | 25 | 26   | 25   | 29   | 20 | 4.5 | 7.5 | 5    | 17.5 | 16 | 38.5 |
| AC2010    | 1/8~1/4        | 90  | 164.5 | 78   | 40 | 56.8 | 30   | 45   | 24 | 5.5 | 8.5 | 5    | 22   | 23 | 50   |
| AC3010    | 1/4~3/8        | 117 | 211   | 92.5 | 53 | 60.8 | 41   | 58.5 | 35 | 7   | 11  | 7    | 34.2 | 26 | 70.5 |
| AC4010    | 3/8~1/2        | 154 | 262   | 112  | 70 | 70.5 | 50   | 77   | 40 | 9   | 13  | 7    | 42.2 | 33 | 88   |
| AC4010-06 | 3/4            | 164 | 267   | 114  | 70 | 70.5 | 50   | 82   | 40 | 9   | 13  | 7    | 46.2 | 36 | 88   |
| AC5010    | 3/4~1          | 195 | 338   | 116  | 90 | 75.5 | 69.8 | 97.5 | 50 | 12  | 16  | 10.5 | 55.2 | 40 | 115  |