

## TC Series treatment Dyad—Basic



● TC2010-02

● TC4010-04

### ● Character

It is in standard modular design and can be separated and combined freely. With reasonable design, easy use, it can meet different requirements in pneumatic systems.

### ● Ordering Code

| TC     | 2010 | 02        | U                           |
|--------|------|-----------|-----------------------------|
| Series | Type | Pipe Size | Iron Shell                  |
|        | 1010 | M5        | No Mark :                   |
|        | 2010 | 01 : G1/8 | 2010 No Iron Shell          |
|        | 3010 | 02 : G1/4 | 3010 ~ 5010 With Iron Shell |
|        | 4010 | 03 : G3/8 | U:2010 With Iron Shell      |
|        | 5010 | 04 : G1/2 |                             |
|        |      | 06 : G3/4 |                             |
|        |      | 10 : G1   |                             |

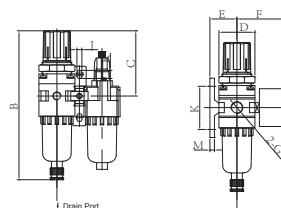


### ■ Technical Parameter

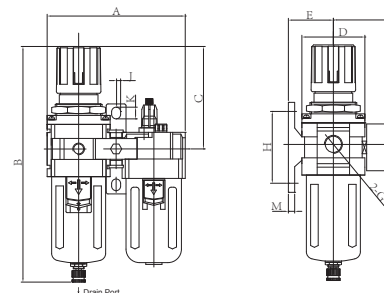
| Specification               |                  | TC1010—M5             | TC2010—02/01   | TC3010—03/02 | TC4010—04/03 | TC4010—06 | TC5010—10/06 |
|-----------------------------|------------------|-----------------------|----------------|--------------|--------------|-----------|--------------|
| Applicable Medium           |                  | Air                   |                |              |              |           |              |
| Rating Flow(L/min)          |                  | 90                    | 500            | 1700         | 3000         | 3000      | 4000         |
| Filtration                  |                  | 5 μm ~ 40 μm          |                |              |              |           |              |
| Applicable Pressure Range   |                  | 0.05 ~ 0.7MPa         | 0.05 ~ 0.85MPa |              |              |           |              |
| Medium Temperature          |                  | 0 ~ 60℃               |                |              |              |           |              |
| Recommended Lubricating Oil |                  | ISOVG32 or Equivalent |                |              |              |           |              |
| Type of Valve               |                  | Relief Type           |                |              |              |           |              |
| Gauge Port Size             |                  | G1/16                 | G1/8           |              | G1/4         |           |              |
| Components                  | Filter Regulator | TW1000—M5             | TW2000—02/01   | TW3000—03/02 | TW4000—04/03 | TW4000—06 | TW5000—10/06 |
|                             | Air Lubricator   | TL1000—M5             | TL2000—02/01   | TL3000—03/02 | TL4000—04/03 | TL4000—06 | TL5000—10/06 |

### ■ Figure Dimension

● TC1010-M5  
TC2010-02/01



● TC3010-03/02 TC4010-04/03  
TC4010-06 TC5010-10/06



| Type         | A   | B   | C    | D  | E    | F  | G    | H   | K   | J   | M  |
|--------------|-----|-----|------|----|------|----|------|-----|-----|-----|----|
| TC1010-M5    | 58  | 115 | 50   | 25 | 25   | 26 | M5   | 40  | 7.5 | 4.5 | 5  |
| TC2010-02/01 | 90  | 188 | 72.5 | 40 | 30   | 53 | G1/4 | 48  | 9   | 5.5 | 6  |
| TC3010-03/02 | 117 | 216 | 89   | 53 | 41   | 56 | G3/8 | 70  | 13  | 7   | 7  |
| TC4010-04/03 | 154 | 256 | 114  | 70 | 50   | 62 | G1/2 | 80  | 11  | 9   | 7  |
| TC4010-06    | 164 | 256 | 114  | 70 | 54   | 62 | G3/4 | 80  | 13  | 10  | 7  |
| TC5010-10/06 | 195 | 337 | 118  | 90 | 74.5 | 72 | G1   | 103 | 17  | 13  | 10 |

## TC Series treatment Dyad—Automatic drain type



● TC2010-02D

● TC4010-04D

### ● Character

Standard auto drain design, compact structure, convenient assembling. It can clear the water in cup without manually.

### ● Ordering Code

| TC     | 2010 | 02        | D                       |
|--------|------|-----------|-------------------------|
| Series | Type | Pipe size | D: Automatic drain type |
|        | 2010 | 01 : G1/8 |                         |
|        | 3010 | 02 : G1/4 |                         |
|        | 4010 | 03 : G3/8 |                         |
|        | 5010 | 04 : G1/2 |                         |
|        |      | 06 : G3/4 |                         |
|        |      | 10 : G1   |                         |

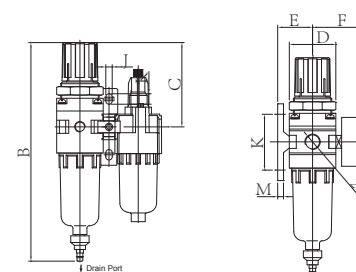


### ■ Technical Parameter

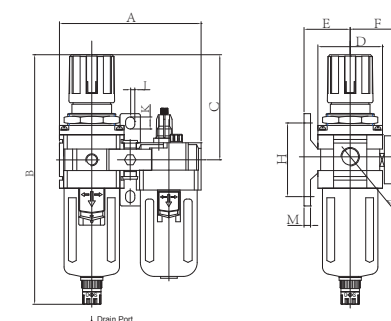
| Specification               | TC2010-02D/01D        | TC3010-03D/02D | TC4010-04D/03D/06D | TC5010-10D/06D     |
|-----------------------------|-----------------------|----------------|--------------------|--------------------|
| Applicable Medium           | Air                   |                |                    |                    |
| Rating Flow(L/min)          | 500                   | 1700           | 3000               | 4000               |
| Filtration                  | 5 μm ~ 40 μm          |                |                    |                    |
| Applicable Pressure Range   | 0.15 ~ 0.85MPa        |                |                    |                    |
| Medium Temperature          | 0 ~ 60°C              |                |                    |                    |
| Recommended Lubricating Oil | ISOVG32 or Equivalent |                |                    |                    |
| Type of Valve               | Relief Type           |                |                    |                    |
| Gauge Port Size             | G1/8                  |                | G1/4               |                    |
| Components                  | Filter Regulator      | TW2000-02D/01D | TW3000-03D/02D     | TW4000-04D/03D/06D |
|                             | Air Lubricator        | TL2000-02D/01D | TL3000-03D/02D     | TL4000-04D/03D/06D |

### ■ Figure Dimension

● TC2010-02D/01D



● TC3010-03D/02D TC4010-04D/03D  
TC4010-06D TC5010-10D/06D



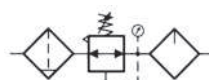
| Type           | A   | B   | C    | D  | E    | F  | G    | H   | K  | J   | M  |
|----------------|-----|-----|------|----|------|----|------|-----|----|-----|----|
| TC2010-02D/01D | 90  | 205 | 72.5 | 40 | 30   | 53 | G1/4 | 48  | 9  | 5.5 | 6  |
| TC3010-03D/02D | 117 | 241 | 89   | 53 | 41   | 56 | G3/8 | 70  | 13 | 7   | 7  |
| TC4010-04D/03D | 154 | 292 | 114  | 70 | 50   | 62 | G1/2 | 80  | 11 | 9   | 7  |
| TC4010-06D     | 164 | 292 | 114  | 70 | 54   | 62 | G3/4 | 80  | 13 | 10  | 7  |
| TC5010-10D/06D | 195 | 370 | 118  | 90 | 74.5 | 72 | G1   | 103 | 17 | 13  | 10 |

## TC Series treatment Dyad—Metal Cup Type



- TC2010-02M
- TC2010-02DM
- TC4010-04M
- TC4010-04DM

### Graphics Sign



### Character

Metal cup is of metal material die-casting forming. It's reliable, durable ability and anti-explosion. Besides, it has long use life and safe use.

### Ordering Code

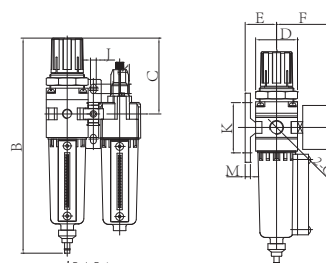
| TC     | 2010 | 02        | M                                        |
|--------|------|-----------|------------------------------------------|
| Series | Type | Pipe size | M: Metal cups<br>D: Automatic drain type |
|        | 1010 | 01: G1/8  |                                          |
|        | 2010 | 02: G1/4  |                                          |
|        | 3010 | 03: G3/8  |                                          |
|        | 4010 | 04: G1/2  |                                          |
|        | 5010 | 06: G3/4  |                                          |
|        |      | 10: G1    |                                          |

### Technical Parameter

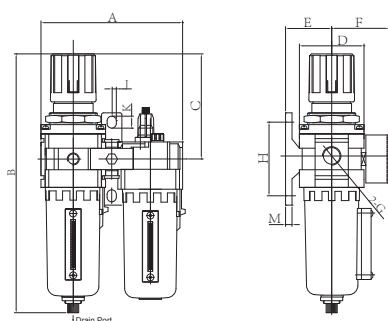
| Specification               | TC2010-02M/02DM/01M/01DM | TC3010-03M/03DM/02M/02DM | TC4010-04M/04DM/03M/03DM | TC4010-06M/06DM | TC5010-10M/10DM/06M/06DM |
|-----------------------------|--------------------------|--------------------------|--------------------------|-----------------|--------------------------|
| Applicable Medium           | Air                      |                          |                          |                 |                          |
| Rating Flow(L/min)          | 500                      | 1700                     | 3000                     | 3000            | 4000                     |
| Filtration                  | 5 μm ~ 40 μm             |                          |                          |                 |                          |
| Applicable Pressure Range   | 0.05 ~ 0.85MPa           |                          |                          |                 |                          |
| Medium Temperature          | 0 ~ 60°C                 |                          |                          |                 |                          |
| Recommended Lubricating Oil | ISOVG32 or Equivalent    |                          |                          |                 |                          |
| Type of Valve               | Relief Type              |                          |                          |                 |                          |
| Gauge Port Size             | G1/8                     |                          | G1/4                     |                 |                          |
| Components                  | TW2000-02M/02DM/01M/01DM | TW3000-03M/03DM/02M/02DM | TW4000-04M/04DM/03M/03DM | TW000-06M/06DM  | TW5000-10M/10DM/06M/06DM |
|                             | TL2000-02M/02DM/01M/01DM | TL3000-03M/03DM/02M/02DM | TL4000-04M/04DM/03M/03DM | TL4000-06M/06DM | TL5000-10M/10DM/06M/06DM |

### Figure Dimension

- TC2010-02M/01M



- TC3010-03M/02M
- TC4010-06M
- TC4010-04M/03M
- TC5010-10M/06M



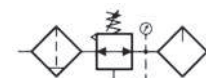
| Type                     | A   | B   | C    | D  | E    | F  | G    | H   | K  | J   | M  | Automatic drain |
|--------------------------|-----|-----|------|----|------|----|------|-----|----|-----|----|-----------------|
| TC2010-02M/02DM/01M/01DM | 90  | 205 | 72.5 | 40 | 30   | 53 | G1/4 | 48  | 9  | 5.5 | 6  | 205             |
| TC3010-03M/03DM/02M/02DM | 117 | 226 | 89   | 53 | 41   | 56 | G3/8 | 70  | 13 | 7   | 7  | 241             |
| TC4010-04M/04DM/03M/03DM | 154 | 277 | 114  | 70 | 50   | 62 | G1/2 | 80  | 11 | 9   | 7  | 292             |
| TC4010-06M/06DM          | 164 | 277 | 114  | 70 | 54   | 62 | G3/4 | 80  | 13 | 10  | 7  | 292             |
| TC5010-10M/10DM/06M/06DM | 195 | 355 | 118  | 90 | 74.5 | 72 | G1   | 103 | 17 | 13  | 10 | 370             |

## TC Series Treatment Triplet



- TC2000-02
- TC3000-03

### Graphics Sign



### Air Source Treatment

It is in standard modular design and can be freely separated and combined. The product is in reasonable design, simple to operate, easy to assemble and unassemble. It can meet all requirements of pneumatic system.

### Ordering Code

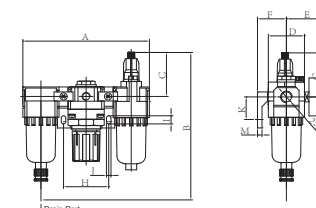
| TC     | 2000 | 02        | U                           |
|--------|------|-----------|-----------------------------|
| Series | Type | Pipe Size | Iron Shell                  |
|        | 1000 | M5        | No Mark                     |
|        | 2000 | 01: G1/8  | 2000 No Iron Shell          |
|        | 3000 | 02: G1/4  | 3000 ~ 5000 With Iron Shell |
|        | 4000 | 03: G3/8  | U: 2000 With Iron Shell     |
|        | 5000 | 04: G1/2  | M: Metal cup                |
|        |      | 06: G3/4  |                             |
|        |      | 10: G1    |                             |

### Technical Parameter

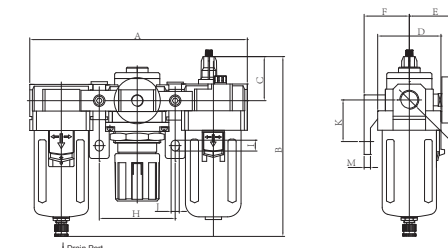
|                             |                |                       |                |              |              |           |              |
|-----------------------------|----------------|-----------------------|----------------|--------------|--------------|-----------|--------------|
| Specification               |                | TC1000—M5             | TC2000—02/01   | TC3000—03/02 | TC4000—04/03 | TC4000—06 | TC5000—10/06 |
| Applicable Medium           |                | Air                   |                |              |              |           |              |
| Rating Flow(L/min)          |                | 90                    | 500            | 2000         | 4000         | 4500      | 6000         |
| Filtration                  |                | 5 μm ~ 40 μm          |                |              |              |           |              |
| Applicable Pressure Range   |                | 0.05 ~ 0.7MPa         | 0.05 ~ 0.85MPa |              |              |           |              |
| Medium Temperature          |                | 0 ~ 60℃               |                |              |              |           |              |
| Recommended Lubricating Oil |                | ISOVG32 or Equivalent |                |              |              |           |              |
| Type of Valve               |                | Relief Type           |                |              |              |           |              |
| Gauge Port Size             |                | G1/16                 | G1/8           |              | G1/4         |           |              |
| Components                  | Air Filter     | TF1000—M5             | TF2000—02/01   | TF3000—03/02 | TF4000—04/03 | TF4000—06 | TF5000—10/06 |
|                             | Air Regulator  | TR1000—M5             | TR2000—02/01   | TR3000—03/02 | TR4000—04/03 | TR4000—06 | TR5000—10/06 |
|                             | Air Lubricator | TL1000—M5             | TL2000—02/01   | TL3000—03/02 | TL4000—04/03 | TL4000—06 | TL5000—10/06 |

### Figure Dimension

- TC1000-M5
- TC2000-02/01



- TC3000-03/02
- TC4000-06
- TC4000-04/03
- TC5000-10/06



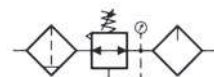
| Type         | A   | B   | C  | D  | E    | F  | G    | H   | I   | J   | K  | M  |
|--------------|-----|-----|----|----|------|----|------|-----|-----|-----|----|----|
| TC1000-M5    | 92  | 87  | 25 | 25 | 26   | 25 | M5   | 32  | 7.5 | 4.5 | 20 | 5  |
| TC2000-02/01 | 140 | 151 | 38 | 40 | 50   | 30 | G1/4 | 50  | 8.5 | 5.5 | 24 | 5  |
| TC3000-03/02 | 181 | 175 | 46 | 53 | 56   | 41 | G3/8 | 64  | 11  | 7   | 35 | 7  |
| TC4000-04/03 | 238 | 195 | 45 | 70 | 62   | 50 | G1/2 | 84  | 13  | 9   | 46 | 7  |
| TC4000-06    | 255 | 195 | 47 | 76 | 70   | 50 | G3/4 | 84  | 13  | 9   | 52 | 7  |
| TC5000-10/06 | 300 | 301 | 89 | 90 | 71.5 | 70 | G1   | 105 | 17  | 9   | 47 | 10 |

## TC Series Treatment Triplet—Automatic drain type



● TC2000—02D ● TC4000—04D

### Graphics Sign



### ● Air Source Treatment

It is in standard modular design and can be separated and combined freely. With reasonable design, easy use, it can meet different requirements in pneumatic systems.

### ● Ordering Code

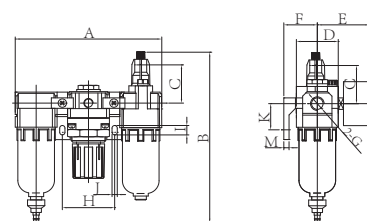
| TC     | 2000 | 02        | D                      |
|--------|------|-----------|------------------------|
| Series | Type | Pipe Size | D:Automatic drain type |
|        | 2000 | 01 : G1/8 |                        |
|        | 3000 | 02 : G1/4 |                        |
|        | 4000 | 03 : G3/8 |                        |
|        | 5000 | 04 : G1/2 |                        |
|        |      | 06 : G3/4 |                        |
|        |      | 10 : G1   |                        |

### Technical Parameter

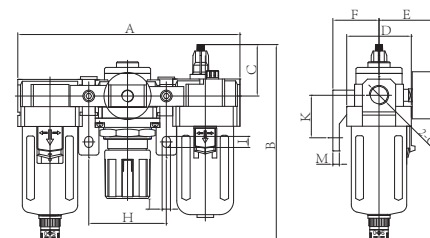
| Specification               | TC2000—02D/01D        | TC3000—03D/02D | TC4000—04D/03D | TC4000—06D     | TC5000—10D/06D |
|-----------------------------|-----------------------|----------------|----------------|----------------|----------------|
| Applicable Medium           | Air                   |                |                |                |                |
| Rating Flow(L/min)          | 500                   | 2000           | 4000           | 4500           | 6000           |
| Filtration                  | 5 μm ~ 40 μm          |                |                |                |                |
| Applicable Pressure Range   | 0.05 ~ 0.85MPa        |                |                |                |                |
| Medium Temperature          | 0 ~ 60°C              |                |                |                |                |
| Recommended Lubricating Oil | ISOVG32 or Equivalent |                |                |                |                |
| Type of Valve               | Relief Type           |                |                |                |                |
| Gauge Port Size             | G1/8                  |                | G1/4           |                |                |
| Components                  | Air Filter            | TF2000—02D/01D | TF3000—03D/02D | TF4000—04D/03D | TF5000—10D/06D |
|                             | Air Regulator         | TR2000—02/01   | TR3000—03/02   | TR4000—04/03   | TR5000—10/06   |
|                             | Air Lubricator        | TL2000—02D/01D | TL3000—03D/02D | TL4000—04D/03D | TL5000—10D/06D |

### Figure Dimension

● TC2000—02D/01D



● TC3000—03D/02D TC4000—04D/03D  
TC4000—06D TC5000—10D/06D



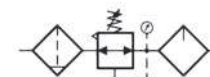
| Type           | A   | B   | C  | D  | E    | F  | G    | H   | I   | J   | K  | M  |
|----------------|-----|-----|----|----|------|----|------|-----|-----|-----|----|----|
| TC2000—02D/01D | 140 | 170 | 38 | 40 | 50   | 30 | G1/4 | 50  | 8.5 | 5.5 | 24 | 5  |
| TC3000—03D/02D | 181 | 188 | 46 | 53 | 56   | 41 | G3/8 | 64  | 11  | 7   | 35 | 7  |
| TC4000—04D/03D | 238 | 207 | 45 | 70 | 62   | 50 | G1/2 | 84  | 13  | 9   | 46 | 7  |
| TC4000—06D     | 255 | 210 | 47 | 76 | 70   | 50 | G3/4 | 84  | 13  | 9   | 52 | 7  |
| TC5000—10D/06D | 300 | 302 | 53 | 90 | 71.5 | 70 | G1   | 105 | 17  | 9   | 47 | 10 |

## TC Series Treatment Triplet—Metal Cup Type



● TC2000—02M ● TC2000—02DM ● TC4000—06M ● TC4000—06DM

### Graphics Sign



### ● Character

Metal cup is of metal material die—casting forming. It's reliable, durable ability and anti—explosion. Besides, it has long use life and safe use.

### ● Ordering Code

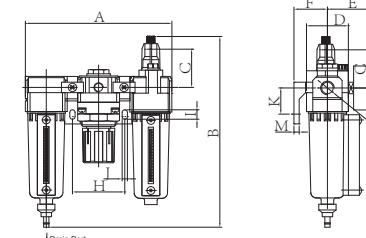
| TC     | 2000 | 02        | M                       |
|--------|------|-----------|-------------------------|
| Series | Type | Pipe Size | M: Metal cups           |
|        | 2000 | 01 : G1/8 | D: Automatic drain type |
|        | 3000 | 02 : G1/4 |                         |
|        | 4000 | 03 : G3/8 |                         |
|        | 5000 | 04 : G1/2 |                         |
|        |      | 06 : G3/4 |                         |
|        |      | 10 : G1   |                         |

### Technical Parameter

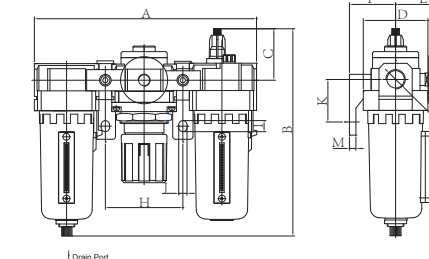
| Specification               | TC2000—02M/02DM/01M/01DM | TC3000—03M/03DM/02M/02DM | TC4000—04M/04DM/03M/03DM | TC4000—06M/06DM          | TC5000—10M/10DM/06M/06DM |
|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Applicable Medium           | Air                      |                          |                          |                          |                          |
| Rating Flow(L/min)          | 500                      | 2000                     | 4000                     | 4500                     | 6000                     |
| Filtration                  | 5 μm ~ 40 μm             |                          |                          |                          |                          |
| Applicable Pressure Range   | 0.05 ~ 0.85MPa           |                          |                          |                          |                          |
| Medium Temperature          | 0 ~ 60°C                 |                          |                          |                          |                          |
| Recommended Lubricating Oil | ISOVG32 or Equivalent    |                          |                          |                          |                          |
| Type of Valve               | Relief Type              |                          |                          |                          |                          |
| Gauge Port Size             | G1/8                     |                          | G1/4                     |                          |                          |
| Components                  | Air Filter               | TF2000—02M/02DM/01M/01DM | TF3000—03M/03DM/02M/02DM | TF4000—04M/04DM/03M/03DM | TF5000—10M/10DM/06M/06DM |
|                             | Air Regulator            | TR2000—02/01             | TR3000—03/02             | TR4000—04/03             | TR5000—10/06             |
|                             | Air Lubricator           | TL2000—02M/02DM/01M/01DM | TL3000—03M/03DM/02M/02DM | TL4000—04M/04DM/03M/03DM | TL5000—10M/10DM/06M/06DM |

### Figure Dimension

● TC2000—02M/01M



● TC3000—03M/02M TC4000—04M/03M  
TC4000—06M TC5000—10M/06M



| Type                     | A   | B   | C  | D  | E    | F  | G    | H   | I   | J   | K  | M  | Automatic drain<br>B |
|--------------------------|-----|-----|----|----|------|----|------|-----|-----|-----|----|----|----------------------|
| TC2000—02M/02DM/01M/01DM | 140 | 170 | 38 | 40 | 50   | 30 | G1/4 | 50  | 8.5 | 5.5 | 24 | 5  | 170                  |
| TC3000—03M/03DM/02M/02DM | 181 | 173 | 46 | 53 | 56   | 41 | G3/8 | 64  | 11  | 7   | 35 | 7  | 188                  |
| TC4000—04M/04DM/03M/03DM | 238 | 195 | 45 | 70 | 62   | 50 | G1/2 | 84  | 13  | 9   | 46 | 7  | 207                  |
| TC4000—06M/06DM          | 255 | 195 | 47 | 76 | 70   | 50 | G3/4 | 84  | 13  | 9   | 52 | 7  | 210                  |
| TC5000—10M/10DM/06M/06DM | 300 | 287 | 53 | 90 | 71.5 | 70 | G1   | 105 | 17  | 9   | 47 | 10 | 302                  |