

# UF series Air Filter

Feature/ Specification/ Code of order

CHELIC

## Feature

- Filter purity about 5μm.
- Port connection size up to 1/2.
- Auto drain in option for small space or not easy to disassemble.



Symbol :

## Specification

| Item                          | Model                     | UF 200                     | UF 300   | UF 400        |
|-------------------------------|---------------------------|----------------------------|----------|---------------|
| Port size                     | Rc                        | 1/8, 1/4                   | 1/4, 3/8 | 1/4, 3/8, 1/2 |
| Fluid                         |                           | Air                        |          |               |
| Filter grade                  | μm                        | 5                          |          |               |
| Pressure range                | kgf/cm <sup>2</sup> (kPa) | 0.5 ~ 8.5 ( 50 ~ 850 )     |          |               |
| Max. service pressure         | kgf/cm <sup>2</sup> (kPa) | 10 (1000)                  |          |               |
| Ambient and fluid temperature | ℃                         | 5 ~ 60                     |          |               |
| Bowl capacity                 | cc                        | 25                         | 40       | 80            |
| Weight                        | kg                        | 0.1                        | 0.22     | 0.39          |
| Material                      | Body                      | Aluminum alloy die-casting |          |               |
|                               | Bowl                      | Relieving type             |          |               |

## Code of Order **UF 400 - 03 - G - MG - W - C**

1 2 3 4 5 6

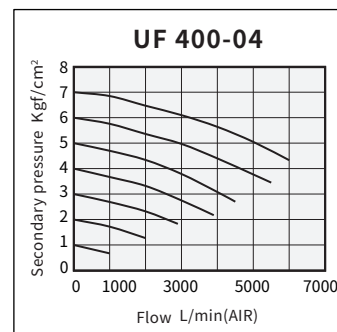
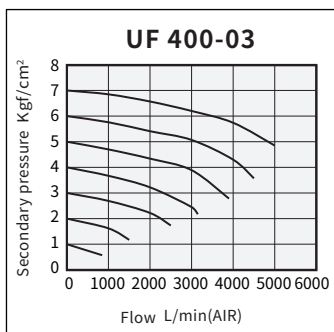
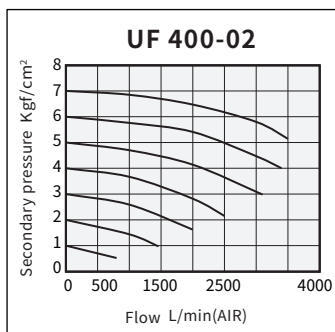
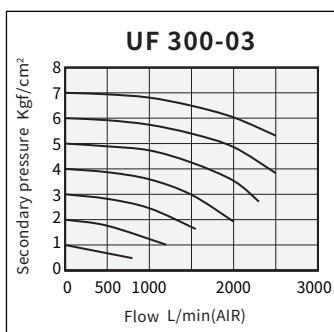
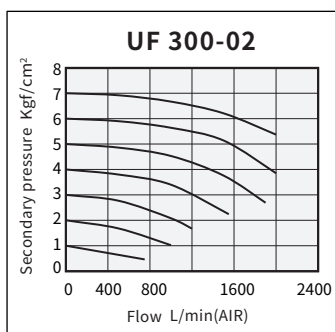
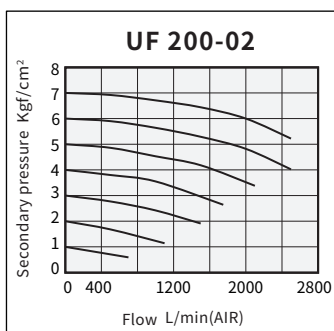
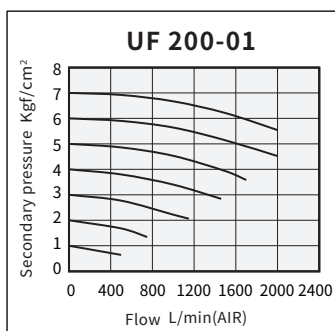
| 1 |                 | Mark | Specification     | Model  |        |        |
|---|-----------------|------|-------------------|--------|--------|--------|
|   |                 |      |                   | UF 200 | UF 300 | UF 400 |
| 2 | Connection port | 01   | 1/8               | ●      |        |        |
|   |                 | 02   | 1/4               | ●      | ●      | ●      |
|   |                 | 03   | 3/8               |        | ●      | ●      |
|   |                 | 04   | 1/2               |        |        | ●      |
| 3 | Thread type     | None | RC                | ●      | ●      | ●      |
|   |                 | G    | PF                | ●      | ●      | ●      |
|   |                 | N    | NPT               | ●      | ●      | ●      |
| 4 | Bowl material   | None | PC cup            | ●      | ●      | ●      |
|   |                 | MG   | Metal cup         | ●      | ●      | ●      |
| 5 | Drain cock type | W    | Manual drain cock | ●      | ●      | ●      |
|   |                 | A    | Auto drain        | ●      | ●      | ●      |
| 6 | Bracket         | None | No bracket        | ●      | ●      | ●      |
|   |                 | C    | Bracket           | ●      | ●      | ●      |

# UF series Air Filter

## Flow rate characteristic graph

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### Flow rate characteristic graph

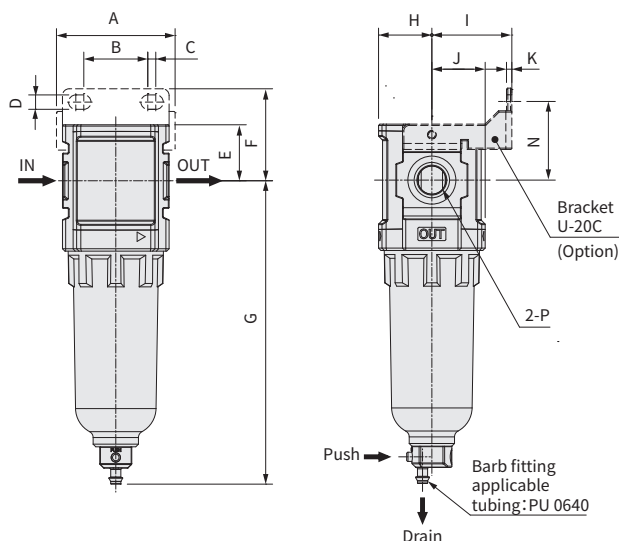


# UF series Air Filter

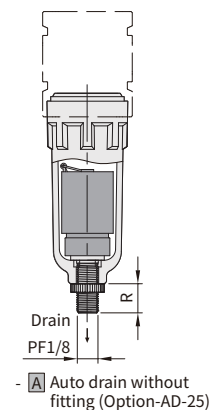
## External dimensions

**CHELIC**

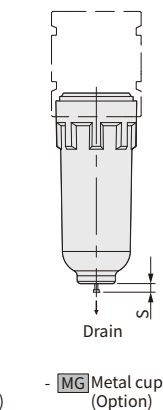
### UF 200 - W Standard



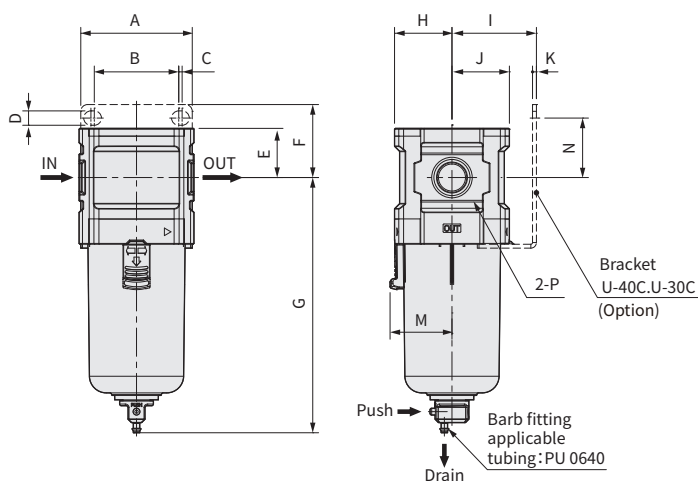
#### Auto drain



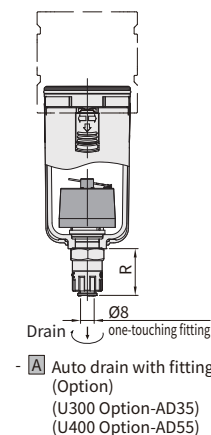
#### Manual drain cock



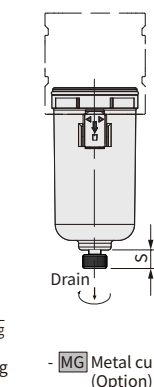
### UF 300 ~ 400 - W Standard



#### Auto drain



#### Manual drain cock



Unit:mm

| No.    | Size |      |     |     |      |      |       |    |    |    |     |      |      | Auto drain | Manual drain cock | Female thread |
|--------|------|------|-----|-----|------|------|-------|----|----|----|-----|------|------|------------|-------------------|---------------|
|        | A    | B    | C   | D   | E    | F    | G     | H  | I  | J  | K   | M    | N    | R          | S                 | P             |
| Model  |      |      |     |     |      |      |       |    |    |    |     |      |      |            |                   |               |
| UF 200 | 44.5 | 24   | 3   | 5.4 | 21   | 34.5 | 113.8 | 20 | 30 | 20 | 2   |      | 29.5 | 13         | 3                 | 1/8, 1/4      |
| UF 300 | 54   | 29.5 | 6.5 | 6.5 | 25.1 | 39.1 | 137.1 | 27 | 41 | 27 | 2   | 30.4 | 32.5 | 34.5       | 12.6              | 1/4, 3/8      |
| UF 400 | 66   | 50   | 2   | 8.5 | 29.1 | 43.2 | 151.1 | 34 | 50 | 34 | 2.3 | 36.7 | 35.2 | 34.5       | 12.6              | 1/4, 3/8, 1/2 |