

# Preparation unit—Dripleg drain



## ADW Series



### Symbol



### Product feature

1. The float is with lever structure. Low position enables more stable drain.
2. The bowl made of High intensity PC and covered by steel case is safer to use.
3. Double strainer guarantees the operation of the drainer.
4. Inlet with large port size prevents accumulation of particles or rust.
5. The drainage bowl with large capacity can keep more rust and dirt than general drains.
6. The drain is equipped with large float and sensitive to control.
7. The bowl with large size can store a certain amount of water which reduces discharging time and extends the service life.

### Installation and application

1. ADW400 series are applicable to following air compressing equipments: air storage tank, dryer, filter, and piping.
2. Minimum 300mm room is required if the bottom end of above-mentioned equipments being connected with a (1/2") joint.
3. Using a 1/2" hand lever valve between the air compressing equipment and the inlet of ADW400 is good for maintenance.
4. The air displacement of the air compressing equipment can't be lower than 182 L/min.
5. Make sure the drain is vertical downward and the drain pipe is not bended upside.
6. Do not use acidoid or volatile oil gas (hydrochloric acid, petrol, methylbenzene, etc.) to clean the PC bowl. This may cause break.
7. Push the hexagon nut of the body to release the residual pressure before dissembling the PC bowl and metal protection case to avoid any injury or harm.

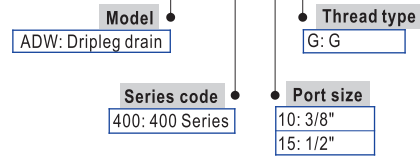
### Specification

| Model             | ADW400-10              | ADW400-15             |
|-------------------|------------------------|-----------------------|
| Fluid             | Air                    |                       |
| Pressure range    | 0.15~1.0MPa(22~145psi) |                       |
| Max. pressure     | 1.0MPa(145psi)         |                       |
| Proof pressure    | 1.5MPa(215psi)         |                       |
| Temperature range | 2~60°C                 |                       |
| Port size ①       | In=3/8", Exhaust=1/4"  | In=1/2", Exhaust=3/8" |

① G thread is available.

### Ordering code

#### ADW 400 10 G



### Inner structure and material of major parts

| No. | Item                | Material                    |
|-----|---------------------|-----------------------------|
| 1   | Body                | Aluminum alloy              |
| 2   | O-ring              | NBR                         |
| 3   | Body nut            | Aluminum alloy              |
| 4   | Filter gauze        | Stainless steel             |
| 5   | Fixed ring          | NBR                         |
| 6   | Filter              | POM                         |
| 7   | Drain bowl          | PC                          |
| 8   | Bowl guard          | 08F                         |
| 9   | Valve               | Stainless steel & rubber    |
| 10  | Piston              | Aluminum alloy              |
| 11  | Float               | PC+ABS                      |
| 12  | Silencer            | Agglomerated by brass grain |
| 13  | Filter element      | Stainless steel & rubber    |
| 14  | O-ring              | EPDM                        |
| 15  | Darin joint set     |                             |
| 16  | Drain baffle        | POM                         |
| 17  | O-ring              | VITON                       |
| 18  | O-ring              | NBR                         |
| 19  | Spring              | Spring steel                |
| 20  | Float               | PU rigid foam               |
| 21  | Link iron           | Stainless steel             |
| 22  | Lever               | Stainless steel             |
| 23  | Adjustable screw    | Stainless steel             |
| 24  | Gasket              | EPDM                        |
| 25  | Balance needle seat | Stainless steel             |
| 26  | Screw               | Steel                       |

### Dimensions

