

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"	In=1/2"

① PT thread, NPT thread and G thread are available.

Ordering code

ADW 400 10 □

- Model**: ADW: Dripleg drain
- Series code**: 400: 400 Series
- Thread type**:
 - Blank: PT
 - T: NPT
 - G: G
- Port size**:
 - 10: 3/8"
 - 15: 1/2"

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	NBR
15	Drain 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

