

# Large Flow Air Unit (SAU)

SAU800~900 / SAU820~920 Series



SAU800



SAU820

## How to order

**SAU 8 00 - 14 DG - MeP**

- ① Air Unit
- ② **Body Size**
  - 8 - 1 1/2
  - 9 - 2
- ③ **Composition**
  - 00
    - Filter(SAF)
    - Regulator(SAR)
    - Lubricator(SAL)
  - 20
    - Filter(SAF)
    - Regulator(SAR)
- ④ **Thread type**
  - 무기호 - Rc(PT)
  - N - NPT
  - G - G(PF)
- ⑤ **Port Size**

Symbol	Size	Body size	
		8	9
12	1 1/4	●	
14	1 1/2	●	
20	2		●
- ⑥ **Accessory(Optional)**
  - Nil - None Gauge / Manual Drain
  - D - Auto Drain

Symbol	Drain connector
D	One-touch fitting(Φ6mm)
Dn	Nipple(PT 1/8)

  - G - Gauge
- ⑦ **Bowl**
  - Nil - PC Bowl
  - MeP - Metal bowl with pipe type sight glass

## Specification

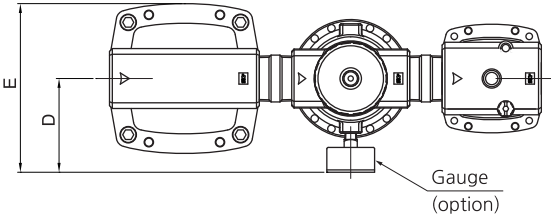
Fluid	Compressed Air
Max. operating pressure	10bar (1.0MPa)
Max. supply pressure	15bar (1.5MPa)
Ambient and Media temp.	-5 ~ 60℃ (No freezing)
Regulating range(SAR)	0.5~8.5bar (0.05~0.85MPa)
Filtration(SAF)	5μm (option: 40)
Recommended oil(SAL)	Turbin oil (ISO VG32)
Construction(SAR)	Internal pilot relieving style (Pilot air is always bleeding.)
압력계 접속구경(SAR)	1/4

## Precautions

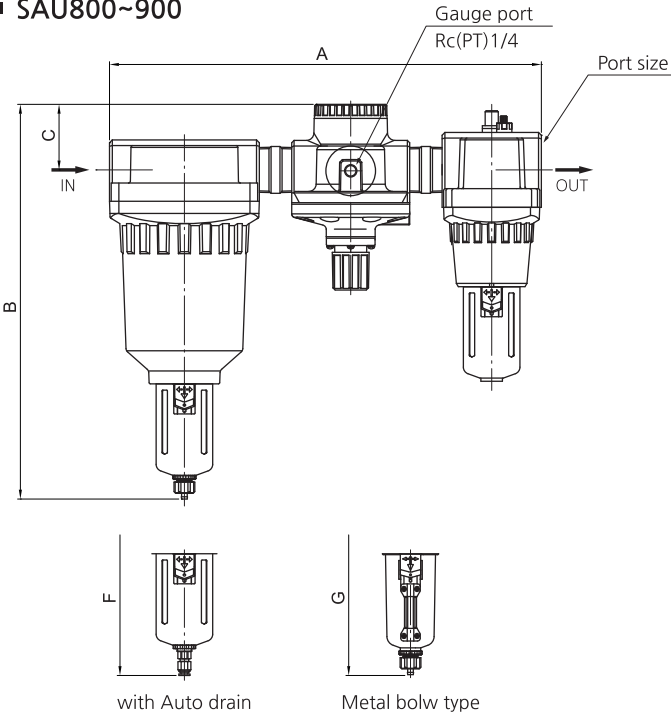
- ① Do not use Poly-carbonate bowls in an environment where they are exposed to or come in contact with organic solvents, chemicals, cutting oil, synthetic oil, alkali, and thread lock solutions.
- ② Components with a bowl must be installed vertically with the bowl downward so that faulty drain discharge and dripping can be verified.
- ③ Set the outlet pressure range for the regulator in a range that is 85% or less of the inlet pressure. If set above 85%, the inlet pressure will be easily effected by fluctuations in the flow rate and inlet pressure, and will become unstable.
- ④ To set the pressure using the knob, turn the knob in the direction that increases pressure and lock the knob after the pressure is set. If this is done in the direction that decreases pressure, the pressure may drop from the original set pressure. Turning the knob clockwise increases the outlet pressure, and turning it counterclockwise reduces the pressure.
- ⑤ When auto drain is used, drain piping should be both 4mm or greater in diameter and less than 1m in length. Avoid installing drain piping upwards.
- ⑥ When auto drain is inoperable, drain manually by pushing the one-touch fitting upward.

DIMENSIONS (mm)

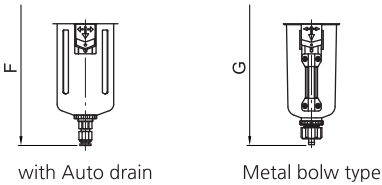
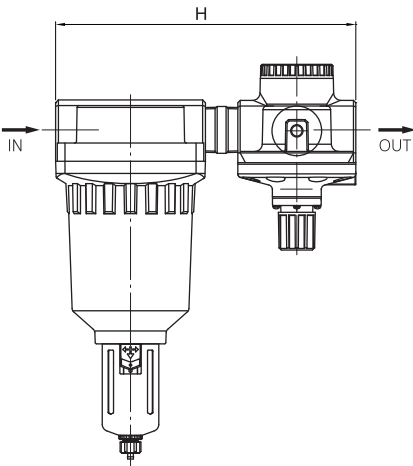
SAU 800~920



SAU800~900



SAU820~920



Option	D : Auto Drain	G : Gauge
Model	 SAD400	 G50, R1/4

Model	Port size	A	B	C	D	E	F	G	H
SAU800 / SAU820	1 1/4, 1 1/2	462	415	68.5	103	183	422	417.7	321
SAU900 / SAU920	2	520	493.3	78	119	209	500.3	496	377

SAU
SAU LARGE FLOW
SAU HIGH PRESS.
SAW
SAW HIGH PRESS.
SAWM SAWD
SAF
SAF LARGE FLOW
SAFM SAFD
SAR
SAR LARGE FLOW
SAR T-HANDLE
SAR HIGH PRESS.
SRP
SAL
SAL LARGE FLOW
AUTO-DRAIN KITS
SHVS
SPS100
ACCESSORY
CAUTION