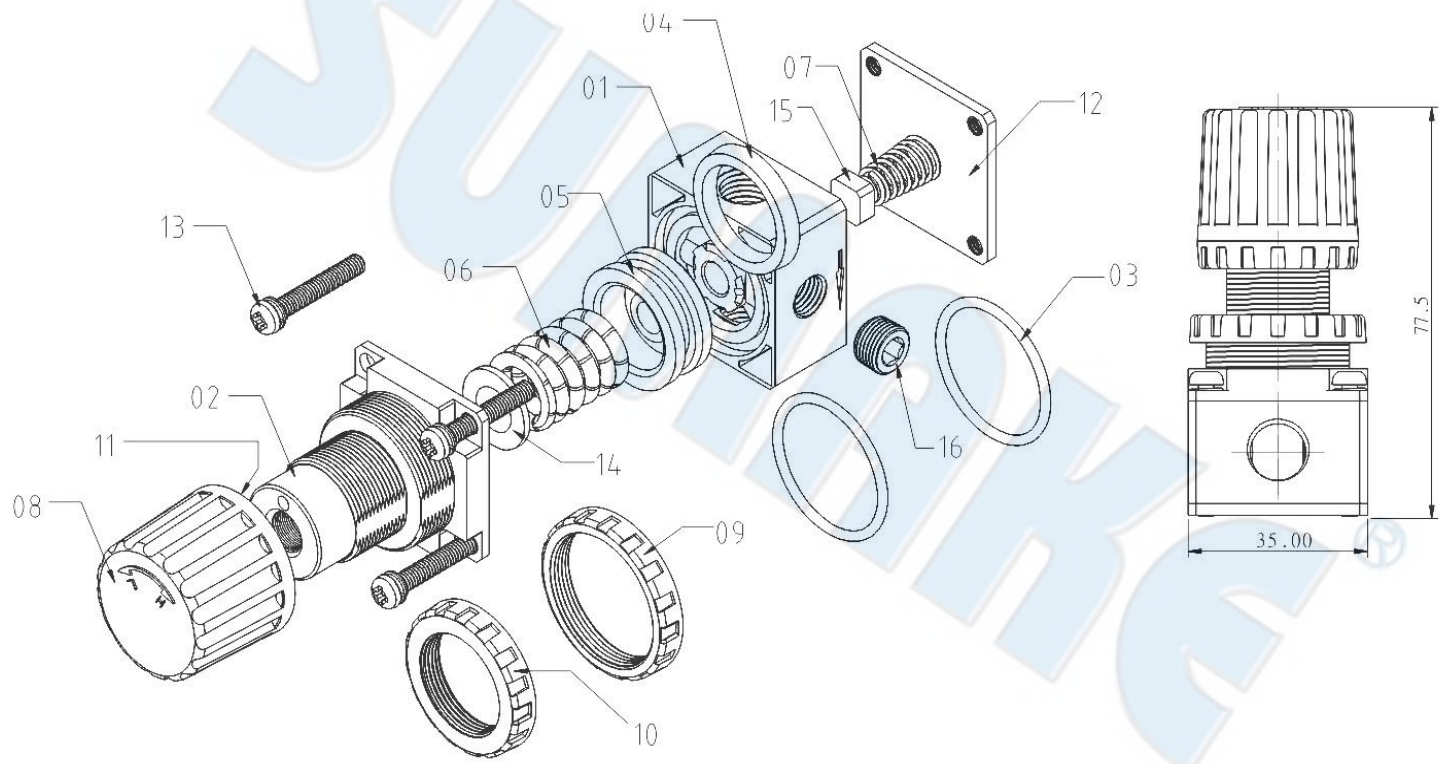


# SA-20102A 1/4" AIR REGULATOR W/ GAUGE



## PARTS LIST

No.	Parts No.	Description	Q'ty
1	SA20102-01	Body	1
2	SA20102-02	Done	1
3	SA20102-03	O-Ring [2x27]	1
4	SA20102-04	V-Ring	1
5	SA20102-05	Piston	1
6	SA20102-06	Spring	1
7	SA20102-07	Spring	1
8	SA20102-08	Knob	1
9	SA20102-09	Nut	1
10	SA20102-10	Nut	1
11	SA20102-11	Nut	1
12	SA20102-12	Bottom Plate	1
13	SA20102-13	Nut	1
14	SA20102-14	Wash	1
15	SA20102-15	Rubber	1
16	SA20102-16	Nut	1

# **FILTER-REGULATOR SET**

## **1. Installation instruction:**

1. The assembly of all calibration shall meet the maximum flow requirement.
2. Maximum pressure of 15kgf/cm<sup>2</sup>.
- 3 Direction -air flow in the triangle "▷" on tile primary unit.
4. Position -water discharge, the triangle "▽" downward.
5. Site -as close to the unit to be protected as possible.
6. Place "free of direct sun shine, hot area, and hazardous chemicals.
7. The water drainage shall be deployed beneath the water discharge for outlet of water into proper area.

## **2. Regulation:**

1. Regulation of pressure
  - a. Raise off the part 26 and turn it clockwise to have the pressure up and counterclockwise to have the pressure down.
  - b. Regulate the pressure to the desired level and press down the part 26 to lock it up.
2. Drainage
  - a. If no pneumatic pressure, water will discharge.
  - b. If pneumatic pressure, turn the part 12 to "△" upward, water will discharge.
  - c. When the water level exceeds the maximum limit, please drain off the water to keep optimal dehumidification.

## **3. Maintenance:**

1. Shut off the air supply and discharge the air into the atmosphere.
2. Turn off the part 4 counterclockwise and then turn off the part 6 counterclockwise to remove the part 7 filter.
3. The filter that makes tile air flow outward is available for repeated use.
4. Clean the transparent P.C. cup with a clean and dry cloth, do not use any chemical that would be hazardous to the P.C. material.

# **LUBRICATOR**

## **1. Installation instruction:**

1. Site as close to the unit to be lubricated as possible.
- 2 Direct installation of filter-pressure regulator before the lubricator•
3. Add tile lubricant into the oil cup.

## **2. Oil drop regulation:**

1. Regulation of the needle valve: Turn it clockwise for less oil drop. Turn it counterclockwise for more oil drop.
2. Air flow regulation: After setting tile needle valve. More air flow, more oil drop. Less air flow, less all drop.

## **3. Oiling:**

1. Oiling is available without closing the air piping.
2. Turn off the part 37 counterclockwise.
3. Use ISO-VG32 or similar lubricants.
4. After adding oil to tile maximum level, tighten the part 37 to have oil drop.
5. Do not remove the oil cup directly for oiling.

## **4. Maintenance**

1. Shut off the air supply and discharge tile air into the atmosphere.
2. Turn off the part 4 counterclockwise and remove the part 3.
3. Clean the transparent P.C. cult with a cloth and dry cloth, do not use any chemical- that would be hazardous to the P.C. material.
4. When assembling the kit again, please be sure that the SEAL and O-RING are in correct positions.

## **NOTICE:**

1. The product in reference is applicable in industrial pressure systems rather than in premises of pressure and temperature exceeding tile marked ones. This is not applicable in other fluids neither such as alcohol, gas, gasoline ...as it is hazardous to the products by presenting leakage or flame.
2. The plastic cups and parts, when exposed to paints. poor oil products, detergents and chemicals (resin, polyethylene, acetic acid and others) would lead to aging in material and other defects.

