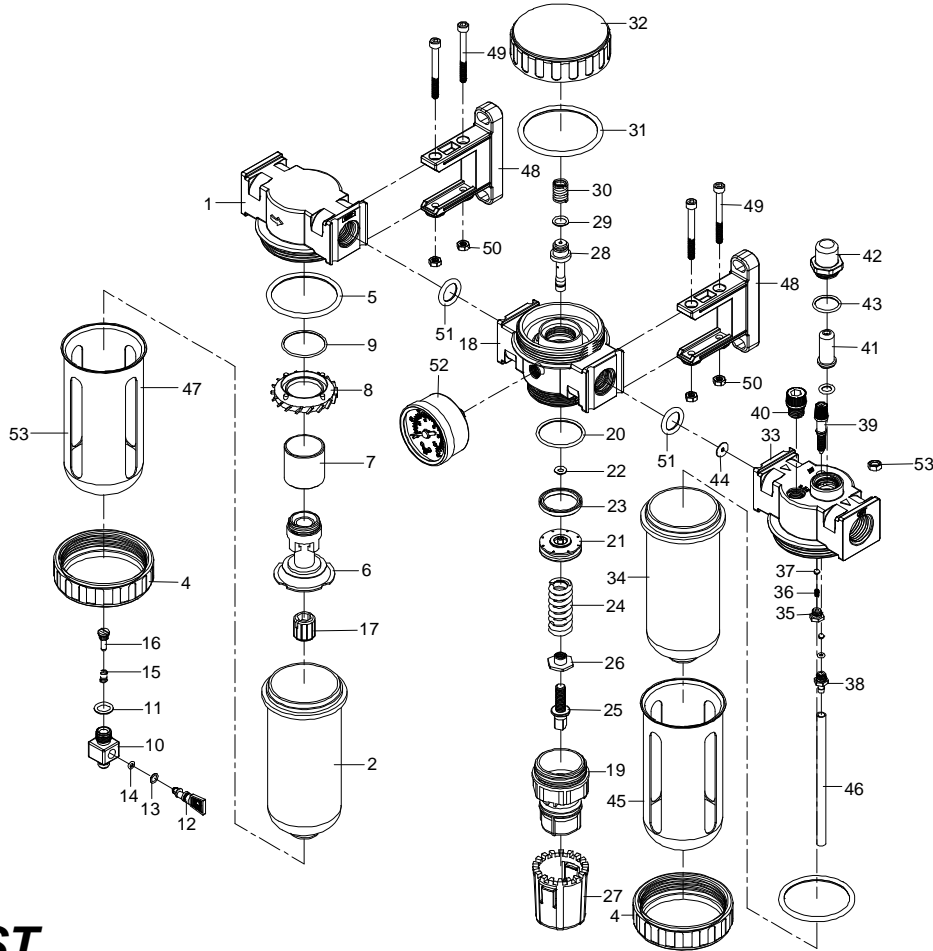


# GISON Pneumatic Tools

## GP-815H/816H/817H Air Preparation Unit



### PARTS LIST

✳ : Consuming Part

Item No.	Part No.	Description	Qty.	Item No.	Part No.	Description	Qty.
01	815H01	Body	1	28	815H28	Valve	1
02	815H02	Bowl	1	29	815H29	O-Ring	1
03	815H03	Shatterguard	1	30	815H30	Spring	1
04	815H04	Fixed Ring	1	31	815H31	O-Ring	1
05	815H05	O-Ring	1	32	815H32	Cap	1
06	815H06	Bowl Baffle	1	33	815H33	Body	1
07	815H07	Filter Element	1	34	815H34	Bowl	1
08	815H08	Interceptor	1	35	815H35	Nut	1
09	815H09	O-Ring	1	36	815H36	Spring	1
10	815H10	Drain Valve Set (#10 - #17)	1	37	815H37	Ball	1
11	815H11	O-Ring	1	38	815H38	Plug	1
12	815H12	Valve	1	39	815H39	Adjusting Screw	1
13	815H13	O-Ring	1	40	815H40	Fill Plug	1
14	815H14	O-Ring	1	41	815H41	Inside Cup	1
15	815H15	Spring	1	42	815H42	Outside Cup	1
16	815H16	Piston	1	43	815H43	O-Ring	1
17	815H17	Nut	1	44	815H44	Adjusting Ring	1
18	815H18	Body	1	45	815H45	Tape	1
19	815H19	Dome	1	46	815H46	Tube	1
20	815H20	O-Ring	1	47	815H47	Tape	1
21	815H21	Piston	1	48	815H48	Joiner	1
22	815H22	O-Ring	1	49	815H49	Screw	1
23	815H23	V-Ring	1	50	815H50	Nut	1
24	815H24	Spring	1	51	815H51	O-Ring	1
25	815H25	Adjusting Screw	1	52	815H52	Gage	1
26	815H26	Nut	1	53	815H53	Nut	1
27	815H27	Knob	1				

# Filter-Regulator Set

## A. Installation instruction:

1. The assembly of all calibration shall meet the maximum flow requirement.
2. Maximum pressure of 9.9 kgf/cm<sup>2</sup>.
3. Direction - air flow in the triangle " " on the 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.

## B. Regulation:

1. Regulation of pressure
  - a. Raise off the part 26 and turn it clockwise to have the pressure up and counter-clockwise 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.

## C. Maintenance:

1. Shut off the air supply and discharge the air into the atmosphere.
2. Turn off the part 4 counter-clockwise and then turn off the part 6 counter-clockwise to remove the part 7 filter.
3. The filter that makes the 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

## A. 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 the lubricant into the oil cup.

## B. Oil drop regulation:

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

## C. Oiling:

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

## D. maintenance:

1. Shut off the air supply and discharge the air into the atmosphere.
2. Turn off the part 4 counter-clockwise and remove the part 3.
3. 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.
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 material pressure system rather than in premises of pressure and temperature exceeding the 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.