

# UNIPORE AIR GUN

(Polypropylene body type)

UNIPORE AIR GUN PP body type is built-in hollow fiber filter cartridge into tip. The particle retention of this filter is 0.01 $\mu$ m. And, this filter is cartridge types that can be exchanged. Manufactured of polypropylene has a high medicine-proof performance. UNIPORE AIR GUN does not use the metallic part, and are all made of the resin. Weight is light, it is easy to use and can use in long time works. UNIPORE AIR GUN has some optional parts of coil hose and bushing. It is possible to connect to piping easily by using these.



## Features

0.01 $\mu$ m Hollow fiber Filter
Compact and light weight
Oil free
Exchange filter type
All resin

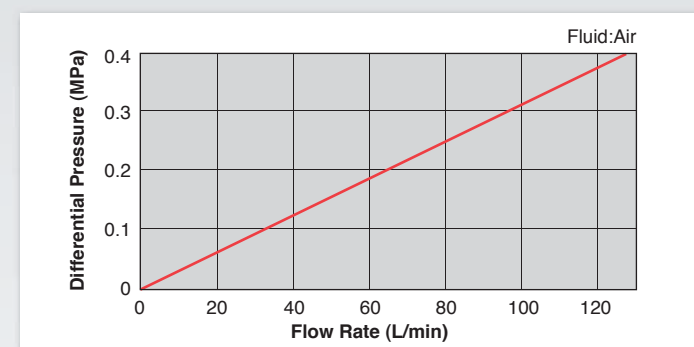
## Benefits

Clean air is obtained
High flow rate
Easy to use
For clean room
Eco-specification
Light weight

## Specifications

Fluid	Compressed air, Nitrogen
Operation Temperature	5°C~50°C
Maximum Operation Pressure	0.4MPa
Filtration Area	80cm <sup>2</sup>
Particle Retention	0.01 $\mu$ m
Weight	Body 102g
	Filter 11.5g
	Coil Hose 250g
	PP bushing 10g

## Flow Characteristics



## Applications

- Compressed air and Nitrogen blow
- Rinsing equipment and Print board
- Precision machinery, Micro electric parts



## Concrete Example

### Air blow of workspace




- As a air blow tool in the fume hood
- Blow the waterdrop off on glass after wash work
- Blow the waterdrop off on container after wash work in wash place

### Removal of particle

- Cleaning of machine
- Cleaning of print writing board

## Product Code

Main gun unit	Product code	Contents
 <p>Air Gun unit for clean room use</p>	CAGN-P-14	Gun body (PP) Filter cartridge Spare cartridge Plug

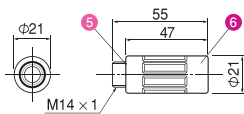
Option	Product code	Contents
 <p>For clean room use</p>	CAGNC-80N1-14	Filter cartridge 2pcs
 <p>Coil hose</p>	HOSE-P-1	Coil hose (Polyolefin) One-touch fitting (R1/4 x 2pcs)
 <p>Socket</p>	BZ03-02M	Bushing R3/8 with Rc1/4
	BZ04-02M	Bushing R1/2 with Rc1/4

### Order example

- **Case1**: Connection with a hose that you have.  
**CAGN-P-14+your hose+your connector**
- **Case2**: Connection with femeral screw of Rc1/4  
**CAGN-P-14+HOSE-P-1**
- **Case3**: Connection with femeral screw of Rc3/8  
**CAGN-P-14+HOSE-P-1+BZ03-02M**

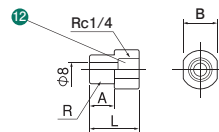
## Dimensions

### UNIPORE Air Gun:CAGN-P-14



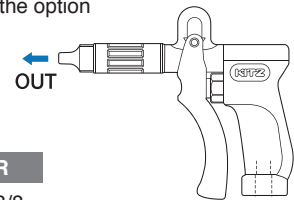
Filter Cartridge:CAGNC-80N1-14

### PP Bushing (Option)

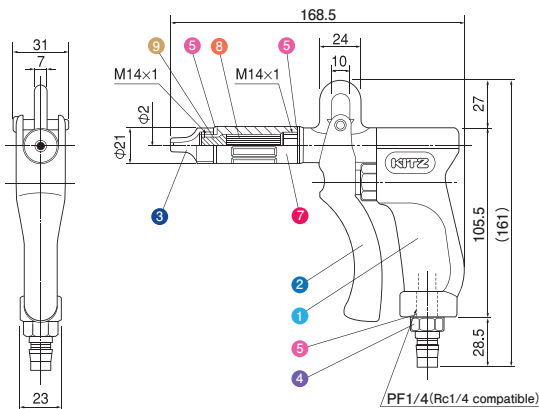


### Connect Configuration (KMF Recommend)

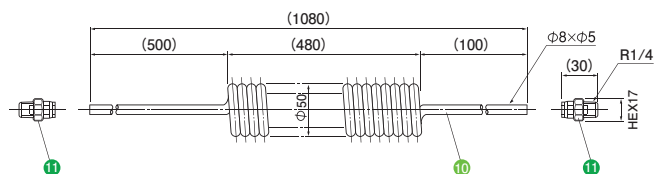
If the connection of the piping side is 3/8 or 1/2, please use the bushing of the option



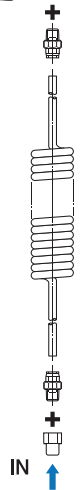
Code	A	B	L	R
BZ03-02M	14	19	28	R3/8
BZ04-02M	18	22	32	R1/2



### Coil Hose (Option):HOSE-P-1



Available range:3m



## Materials

1	Body	Polypropylene
2	Trigger	Polypropylene
3	Nozzie	Polypropylene
4	Plug	Polypropylene
5	O-ring	Fluoro Rubber

6	Exchange filter	
7	Filter case	Polyacrylonitril
8	Filter media	Polypropylene
9	Filter potting	Polyurethane
10	Hose	Polyolefine

11	Fitting	Polypropylene/SUS/EPDM
12	Bushing	Polypropylene