

Clean blow system all

with one unit

High rigidity aluminum body with transparent filter



Piping-free unit

Just insert tubes for piping.
The clean air unit significantly saves the assembling work and its compact body saves space.
Simplified model number management for ordering.



All oil-prohibited specifications

Fluid passage parts are all degreased and cleaned, and manufactured in a dust-free room from assembling to packaging.

Oil-prohibited regulator
(Relief, no relief)

Pressure gauge
(Analog, digital)

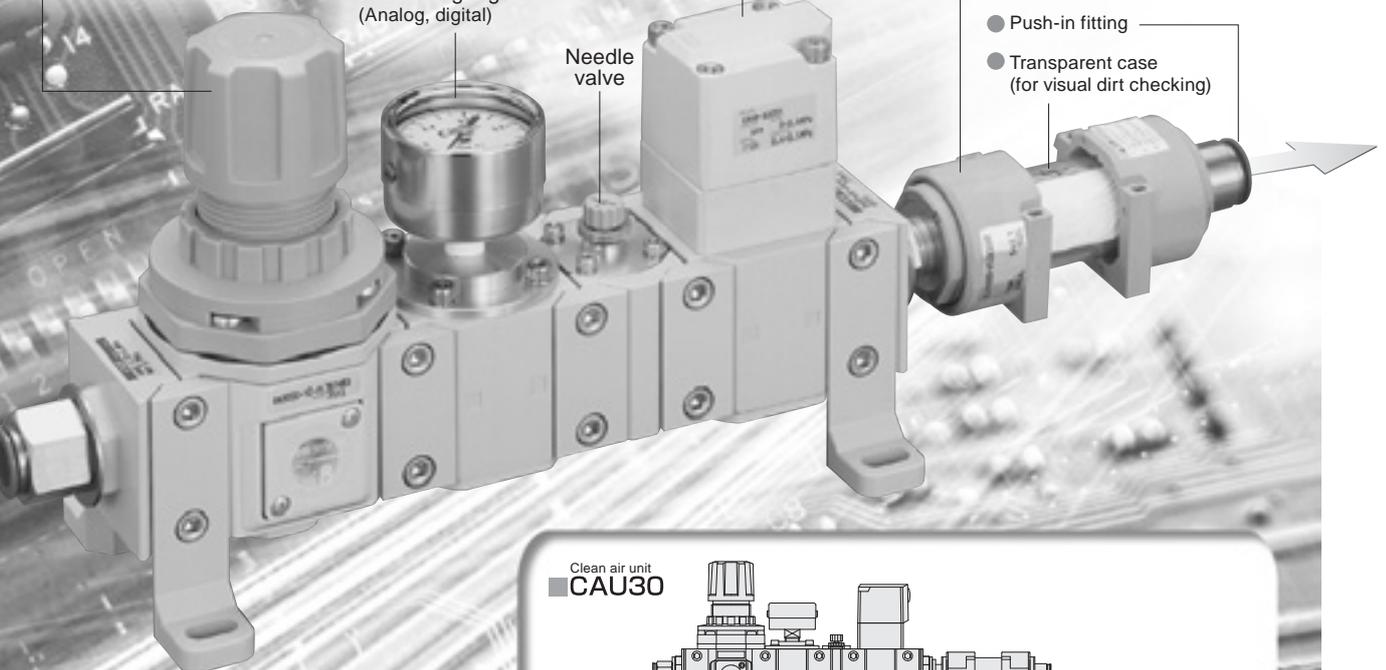
Needle valve

Air operated valve
(Single acting, double acting)

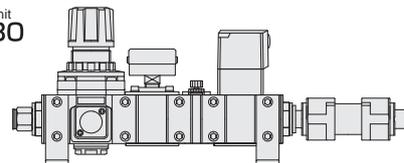
Clean filter
(Filtration: 0.01 μm , removal ratio: 99.99%)

● Push-in fitting

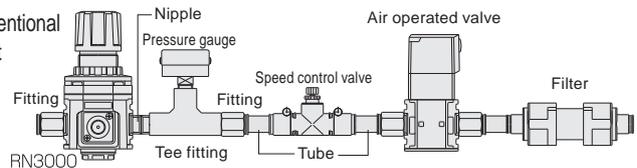
● Transparent case
(for visual dirt checking)



Clean air unit
CAU30



Conventional circuit



Clean air unit

CAU30 Series

- SCPD3
- SCM
- SSD2
- MDC2
- SMG
- LCM
- LCR
- LCG
- LCX
- STM
- STG
- STR2
- MRL2
- GRC
- Cylinder switch
- MN3E
MN4E
- 4GA/B
- M4GA/B
- MN4GA/B
- F.R (module unit)
- Clean F.R
- Precision R
- Press gauge
Diff. press gauge
- Electro-pneumatic R
- Speed controller
- Auxiliary valve
- Fitting/
tube
- Clean air unit**
- Pressure sensor
- Flow rate sensor
- Valve for air blow
- Ending

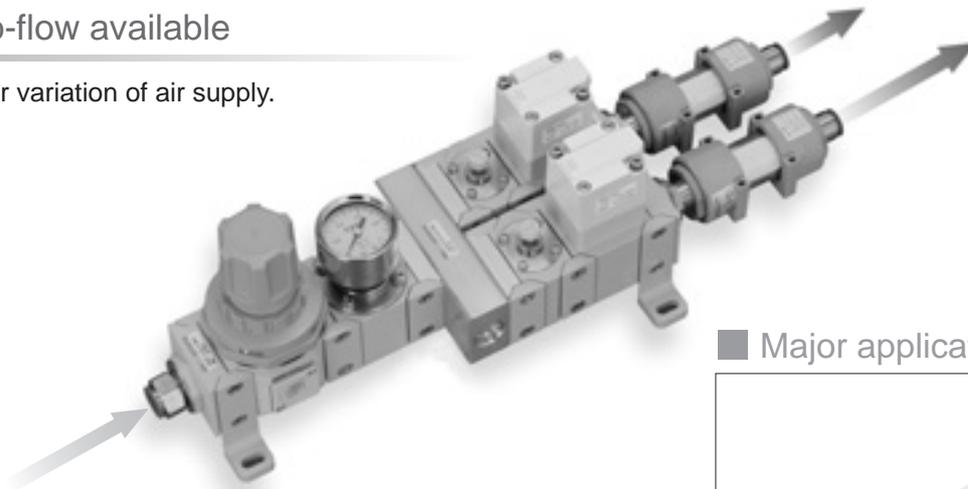
Compact and clean air supply unit with all-oil-prohibited specification requiring little piping work.

High rigidity aluminum body

The body made of aluminum has high rigidity (except for the filter).

Two-flow available

Wider variation of air supply.



High air flow rate

Provides high stable flow of 400 l/min (ANR).

Modular allowing flexible combination

Can be combined with various instruments for different uses. This unit can be connected with air operated valves and needle valves, which was not possible before.

Best suited to the liquid crystal display industry

This unit has been developed mainly for ionizers. It can also be used for automobile parts, foods, and medicine.

High precision filtration of 0.01 μm

A hollow fiber membrane element is used as a filter. Particle filtration of 0.01 μm and removal ratio of 99.99% are ensured.

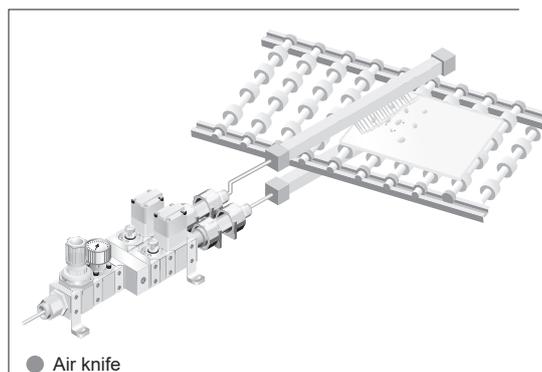
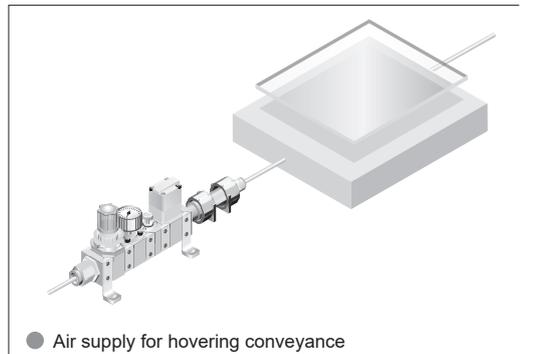
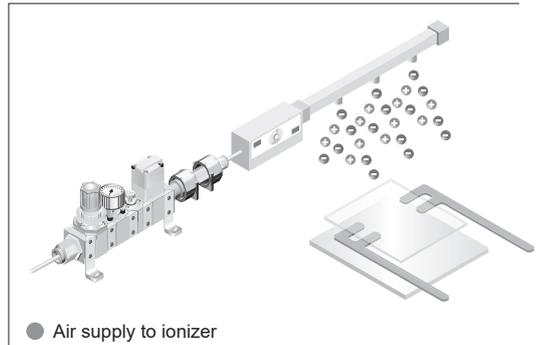
Visual dirt checking

The filter with its transparent case allows visual checking of dirt, making the maintenance work easy.

Complied with RoHS directive

All substances that can adversely affect the environment, including lead and hexavalent chrome, have been eliminated.

Major applications



SCPD3

SCM

SSD2

MDC2

SMG

LCM

LCR

LCG

LCX

STM

STG

STR2

MRL2

GRC

Cylinder Switch

MN3E
MN4E

4GA/B

M4GA/B

MN4GA/B

F.R. (module unit)

Clean F.R

Precision R

Press gauge
Diff. press gauge

Electro-pneumatic R

Speed controller

Auxiliary valve

Fitting/tube

Clean air unit

Pressure sensor

Flow rate sensor

Valve for air blow

Ending

RoHS

CKD

1001