Next-generation pneumatic unit

Piping is not necessary. No complicated work. Flexible combination

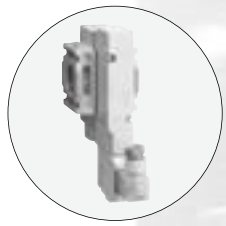
Various parts are available for your desired combination including customized specifications.



Pilot operated 2-port solenoid valve
[For blow valve, etc.]



Direct acting 2-port solenoid valve
[For blow valve, etc.]



Shut-off 3-port solenoid valve
[For modular component master valve]



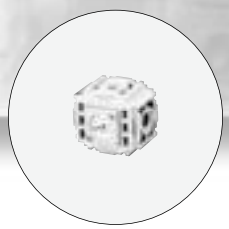
Pilot kick 2-port solenoid valve
[For main ON/OFF valves, etc.]



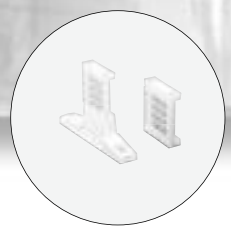
Pilot operated 5-port valve/pilot
[Actuator drive]



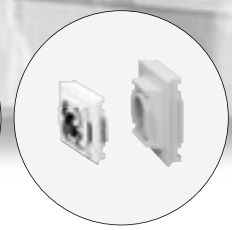
Module check valve
[Reverse flow prevention]



4-way distributor
[For branching a line]

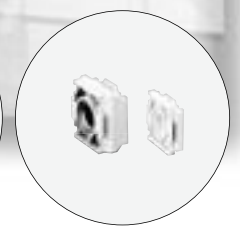


Masking adaptor
[For masking a connection]

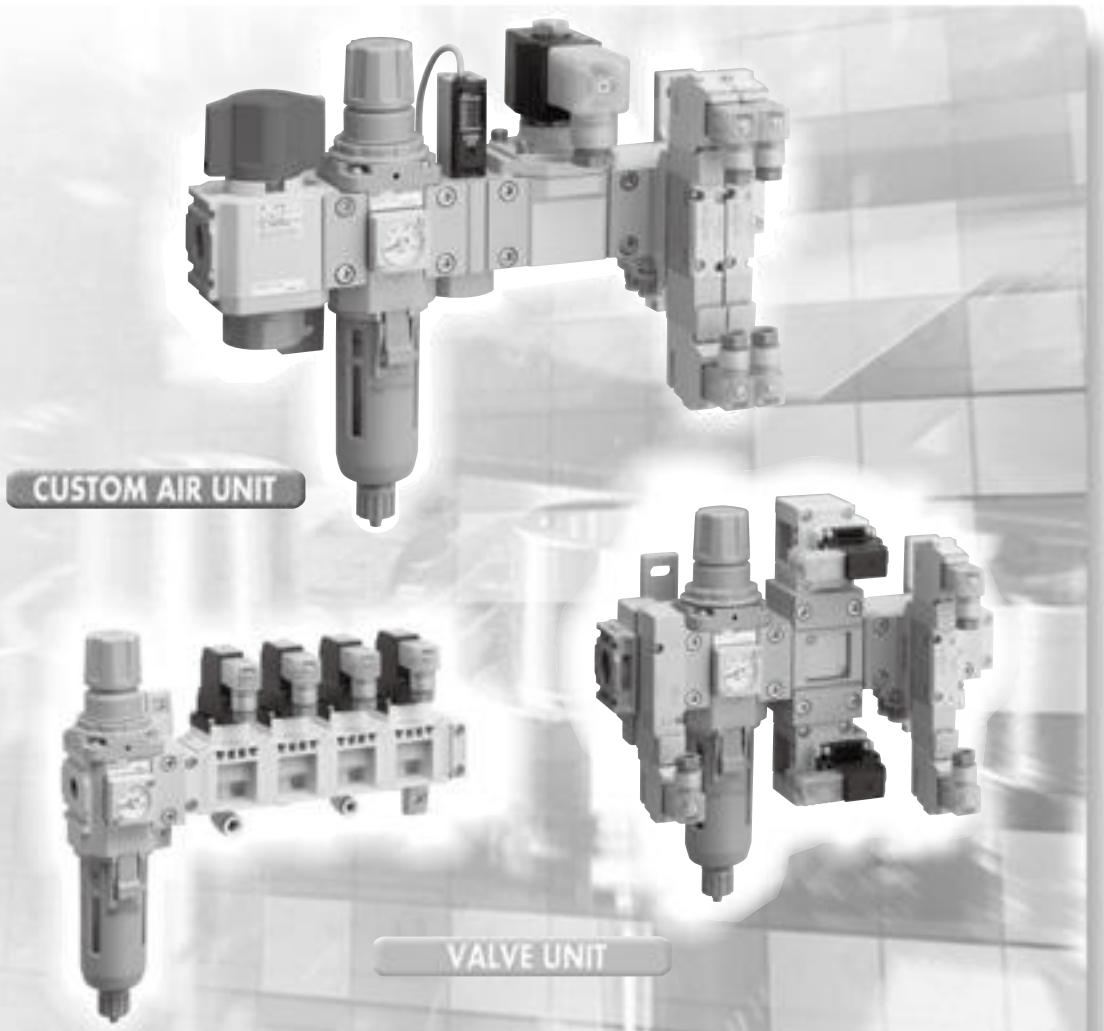


Module conversion adaptor
[For adopting another series]

Capable of connecting 1000 Series with 3000 Series and 4000 Series with 8000 Series



Turn adaptor
[90° rotatable]



PART

Air unit

CXU Series

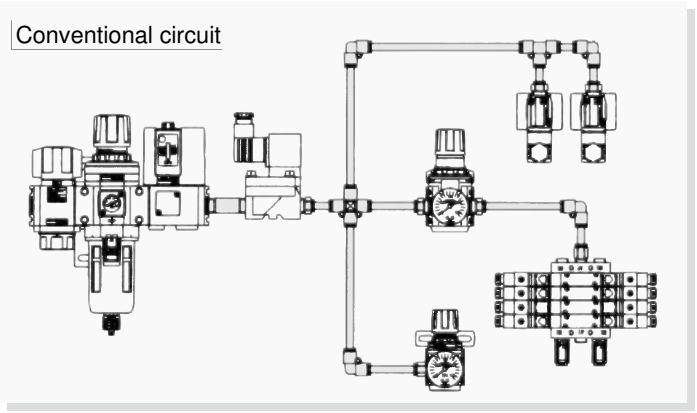
CKD

The Air Unit CXU Series modularizes and unites various air components essential to pneumatic control and actuator drive, from filter regulators to valves.
The number of processes for design and piping has been dramatically reduced.

Piping is not necessary/no complicated work

Space saving without piping

No complicated pipe design or pipework. Just order a single unit.
There is no tedious and time consuming installation of components, no need to follow complicated piping designs.
Everything comes preinstalled.
Without most of the piping, the device not only looks well-organized, but also saves space.



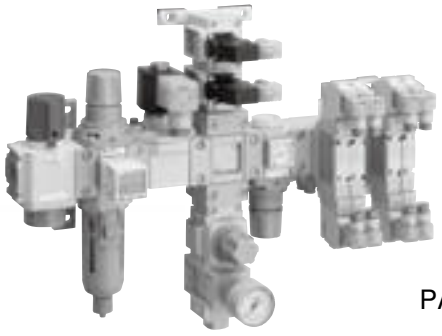
High quality

There are no screw-in parts and so there are no worries about external leakage.
Entry of foreign matter during piping can be prevented.

Flexible combination

Unrestricted in vertical/horizontal directions

Vertical and horizontal piping can be changed flexibly.
Direct connection of solenoid valve is possible.
Easy layout and reduced piping design work.
(Made to order AIR UNIT)

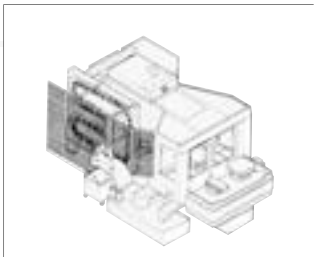


PAT.

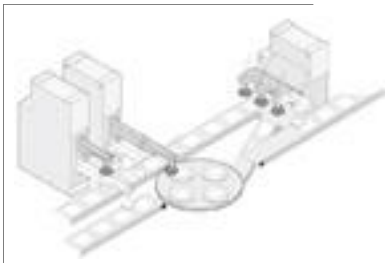
Flexible change and expansion

Modular connection enables flexible exchange and expansion of pneumatic components.
The units can be attached/detached from the front of the equipment.
Maintenance is very easy.

■ Applications



● Machine tools



● Assembly/transport

Air Unit Customized Products

Overview

CKD customizes all air unit combinations.
Allows vertical module connections, which are not available with customized units.

Features

(1) Unrestricted in vertical/horizontal directions

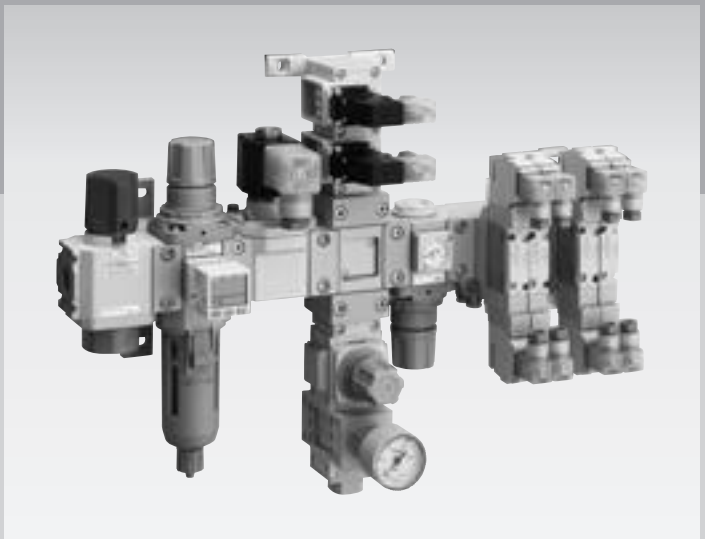
Vertical and horizontal piping can be changed flexibly. Solenoid valves can also be connected to the desired position.

(2) Unlimited flexibility

Module components not listed in this catalog are also available.

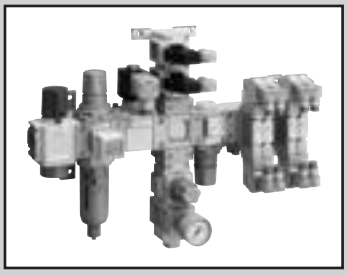
(3) Reduced work-hours

All components are connected as modules, eliminating work such as piping.



CONTENTS

● Air unit customized products 1006
CXUZ Series



Air unit customized products

CXUZ Series

How to order

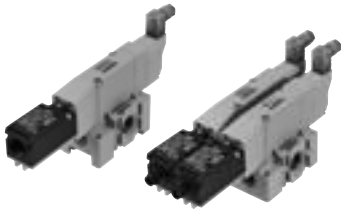
CXUZ-FL ○

Dedicated model No.
Each product is assigned a 6-digit number.

Air unit components can be combined depending on applications and space.
Contact CKD for combinations.

Related products (compatible module combination products)

CXU10 (Compatible model: 1000 Series)		
Model	**Precision regulator**	**Electro-pneumatic regulator**
Model No.	RPE1000 	EVD-1000 
Catalog No.	CB-024SA	CB-024SA

CXU30 (Compatible model: 2000, 3000, 4000 Series)			
Model	**Residual pressure exhaust valve with spool position detection**	**Precision regulator**	**Electro-pneumatic regulator**
Model No.	SNS 	RP2000 	EVD-3000 
Catalog No.	CC-1395A	CB-024SA	CB-024SA