

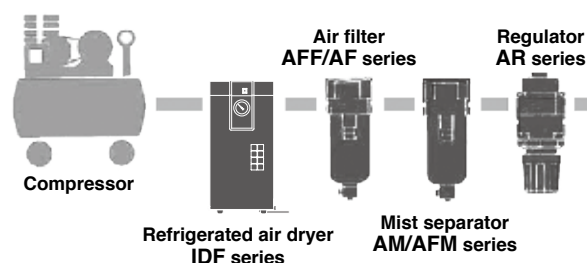
# Overview of Vacuum Equipment



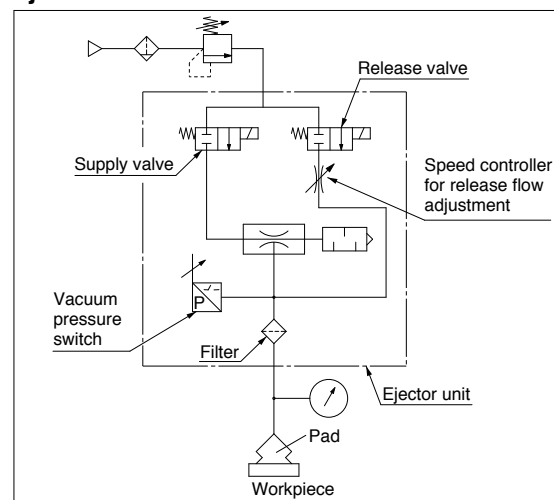
# Adsorption Transfer System by Ejector

## Ejector Module System

Equipment (ejector supply valve, release valve, throttle valve, vacuum pressure switch, and filter) that is needed for the ejector adsorption transfer system has been integrated to achieve efficient assembly work and a compact design.

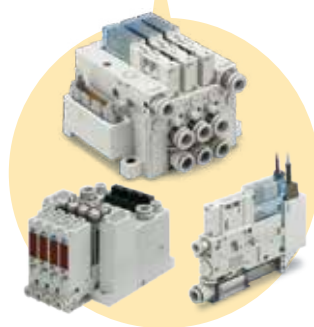


### Ejector module/Circuit



### Ejector module ZK2-A/ZR/ZQ/ZL

For the ZK2-A, ZR, ZQ and ZL, the combination of single units at right can be integrated into a unit.



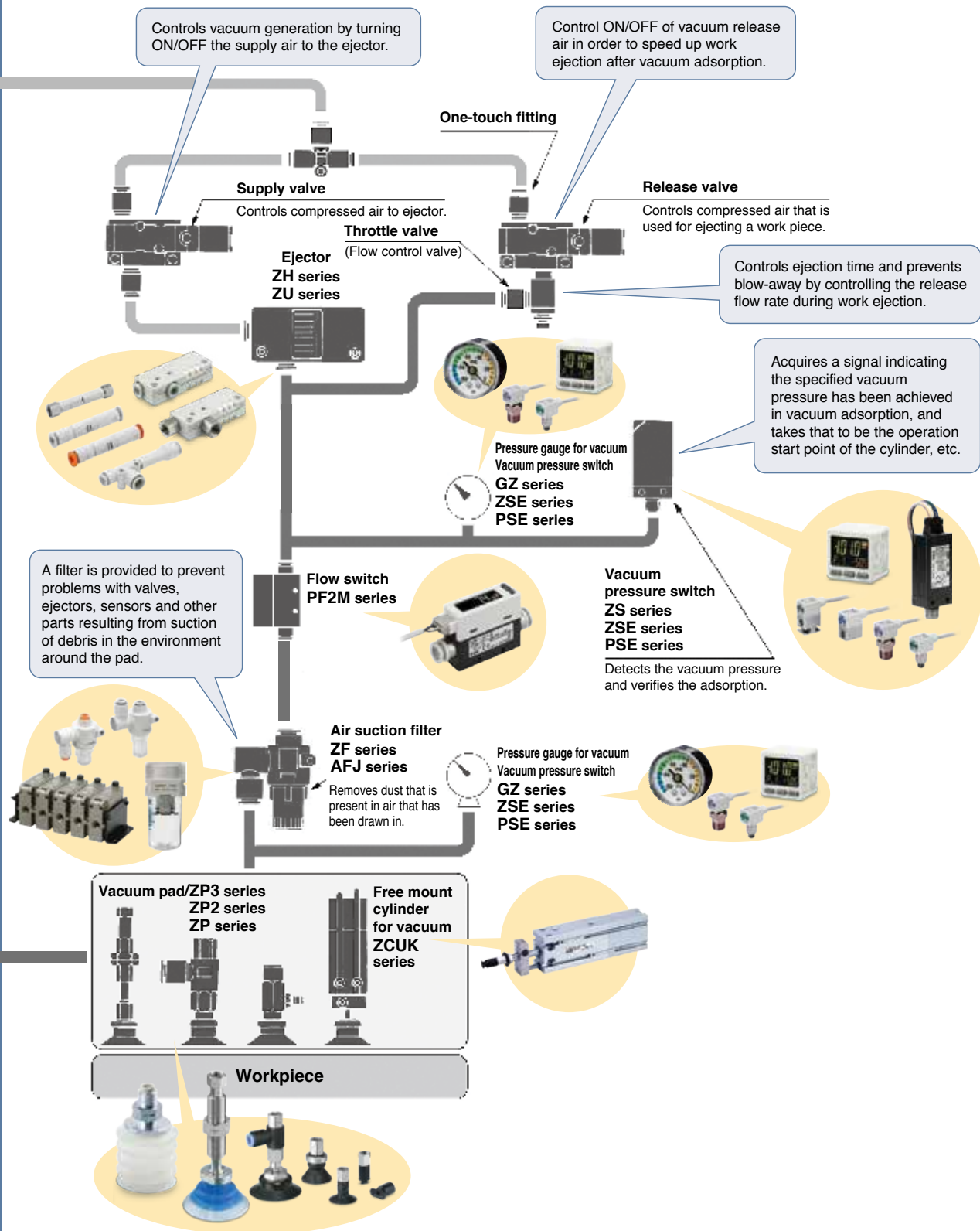
Pressure gauge for vacuum  
Vacuum pressure switch  
GZ series  
ZSE series  
PSE series



Flow switch  
PF2M series

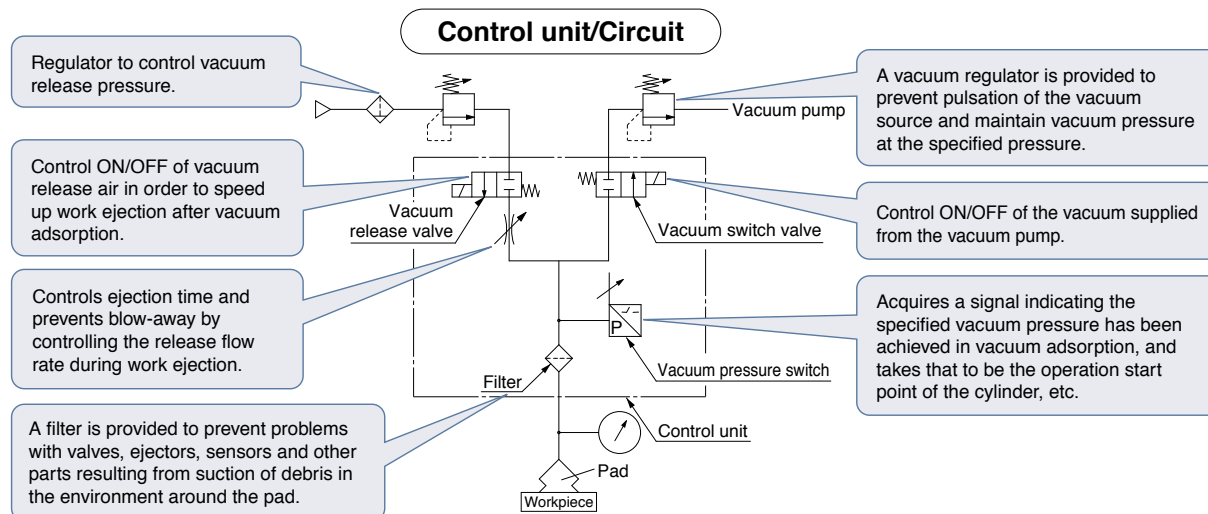
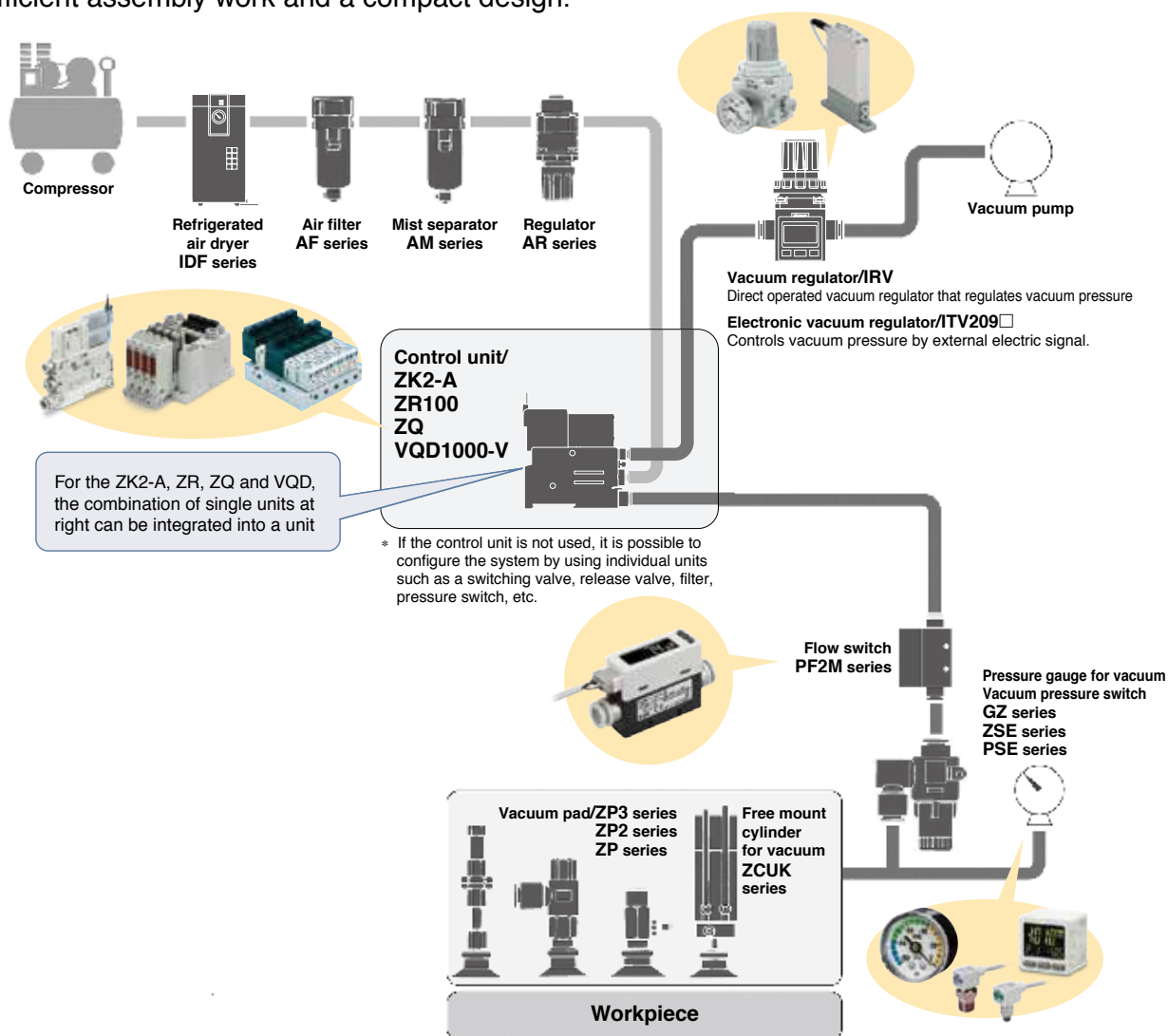
## Single Unit System

Equipment such as an ejector is configured as an individual unit. Thus, it is possible to create a flexible system configuration in which the circuit composition and the mounting locations can be selected as desired.



# Adsorption Transfer System for Vacuum Pump

Equipment (vacuum switching valve, release valve, throttle valve, vacuum pressure switch, and filter) that is needed for controlling the vacuum pressure has been integrated to achieve efficient assembly work and a compact design.

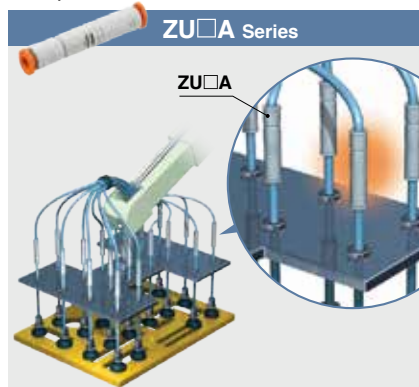


## Applications

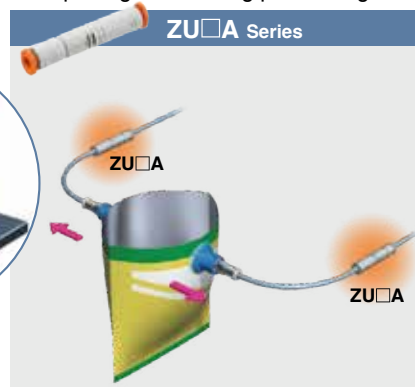
# Vacuum Ejectors/ Vacuum Pump Systems



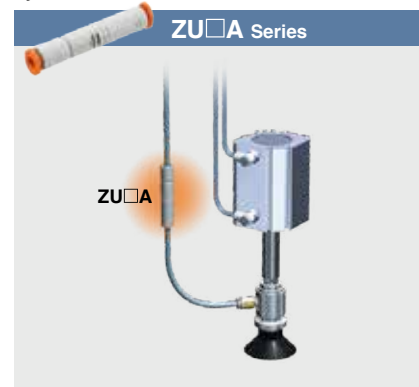
Numerous pads can be used to adsorb workpieces with holes.



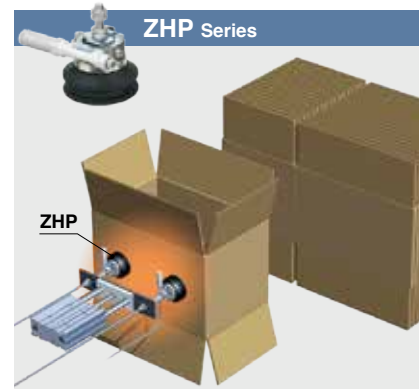
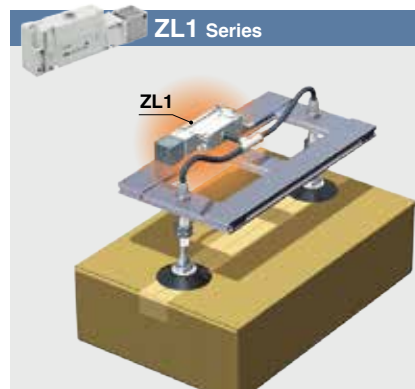
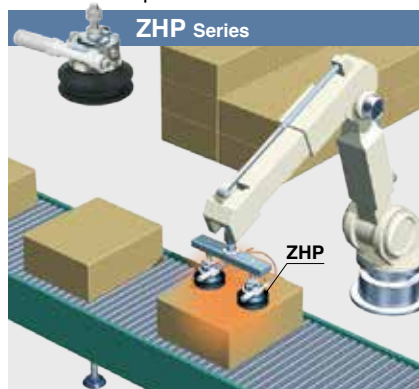
For opening and closing plastic bags



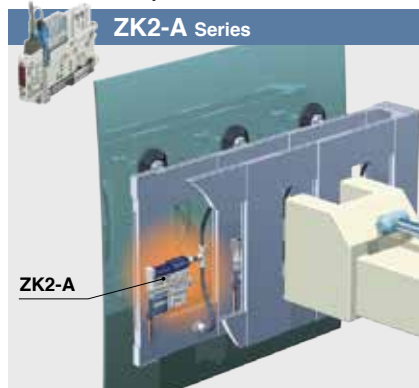
For mounting on the end of a Z-axis air cylinder



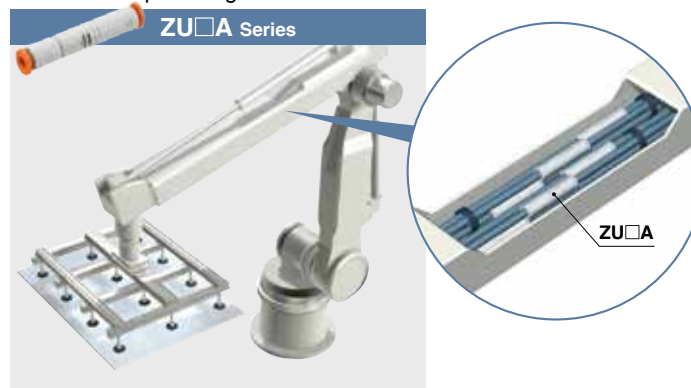
For the adsorption of cardboard



For the adsorption of steel plates and other metal objects



For the adsorption of glass



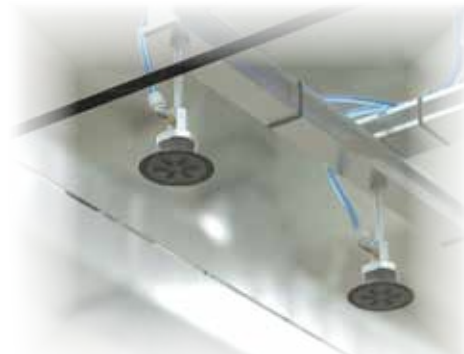
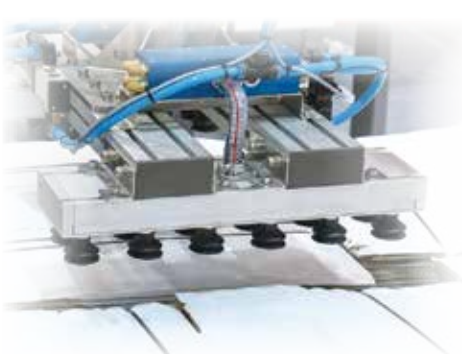
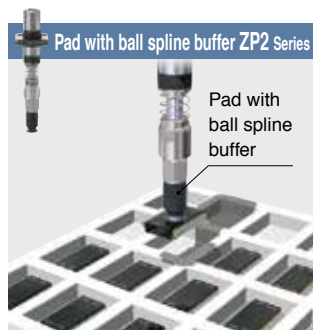
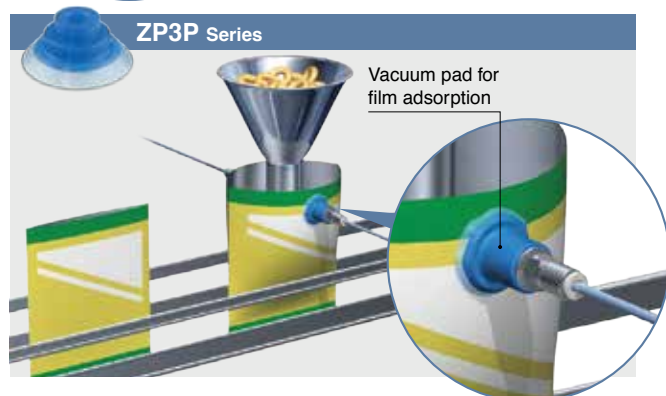
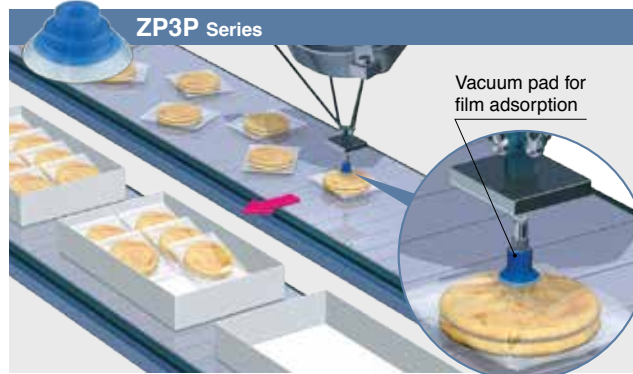
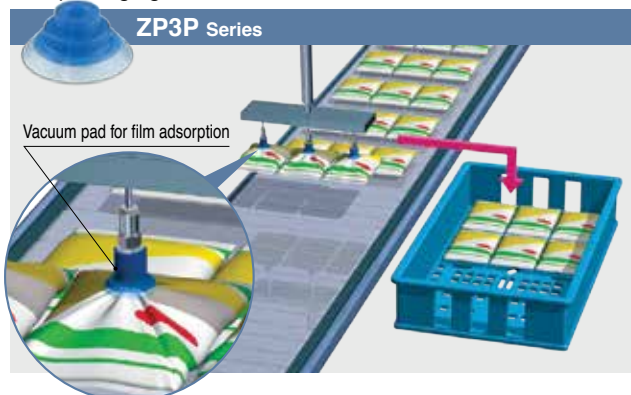


# Applications

## Vacuum Pads



Film packaging



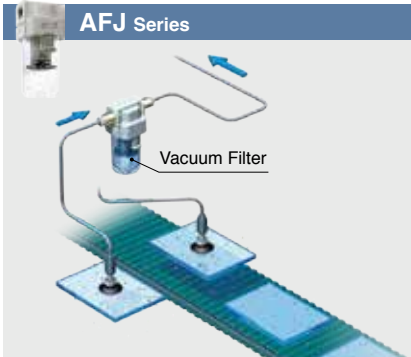
# Applications

## Air Suction Filters, Special Pads, Vacuum Saving Valves, Vacuum Flow Equipment, Other Related Equipment

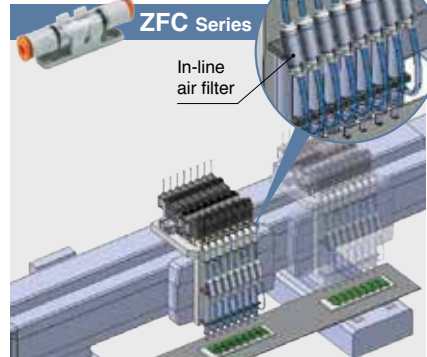


### Air Suction Filters

For the prevention of problems with vacuum equipment!

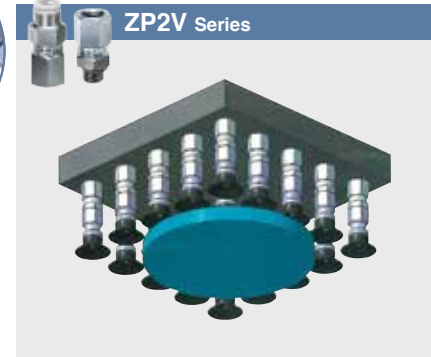


For the protection of equipment in dusty environments



### Vacuum Saving Valves

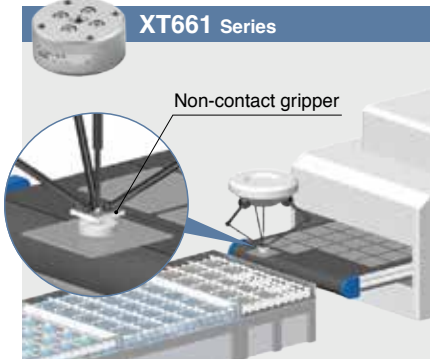
Can restrict the reduction of vacuum pressure even when there is no workpiece



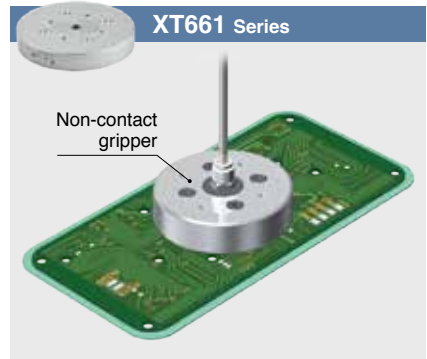
### Special Pads

#### Non-contact pad

Solar battery cells

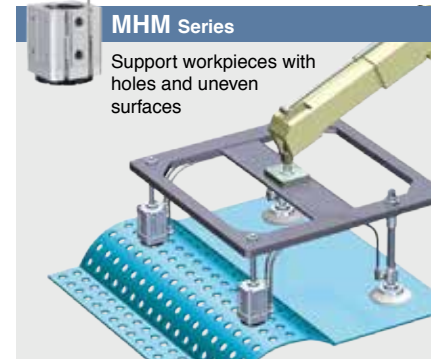


Circuit boards with holes



#### Magnet gripper

Steel plates can be transferred without vacuum

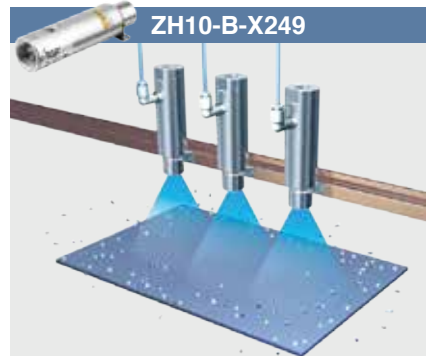


### Vacuum Flow Equipment

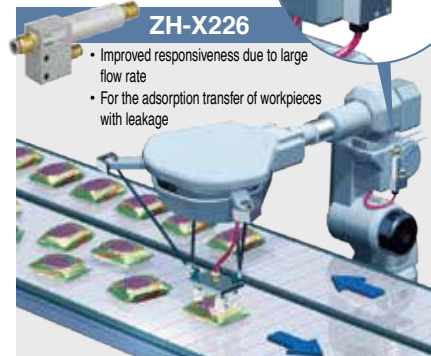
Blow: Blowing away water droplets



Blow: Water droplet removal



Vacuum: Adsorption transfer



#### ⚠ Caution

The applications described here are for reference purposes only. Therefore, the system function is not guaranteed. For actual use, please conduct thorough evaluation and validation testing in order to determine the feasibility under your actual operating conditions.

\* The body is made of aluminum. Take corrosion into consideration during liquid collection, and take wear caused by the workpiece into consideration during transfer/collection.

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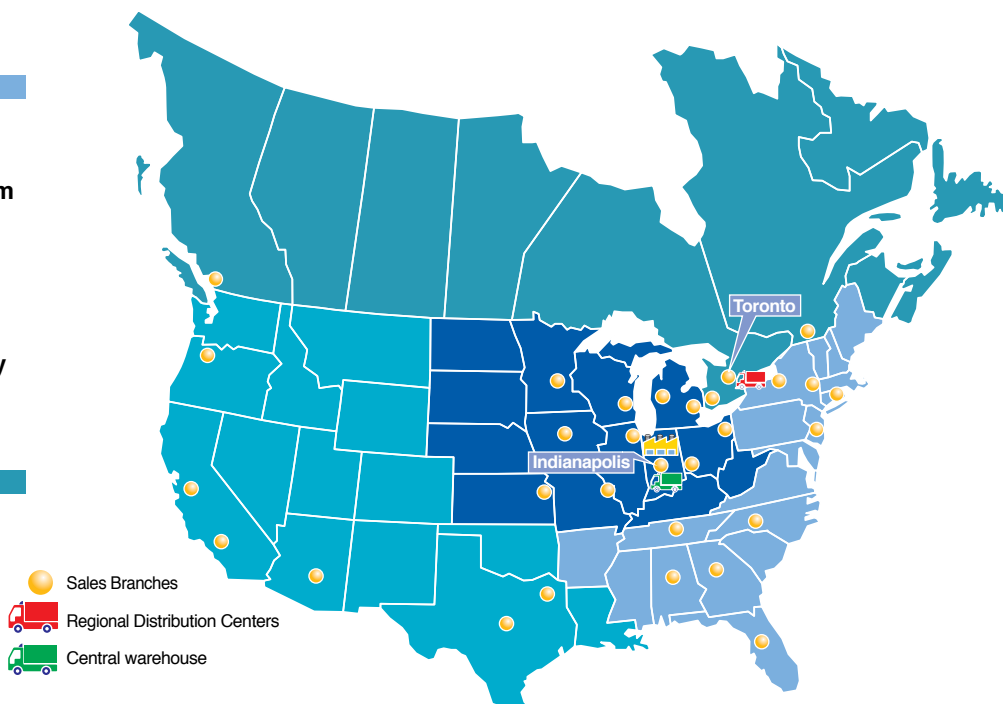
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