

Next-gen water control

Various water control components fitted into a space-saving structure

No piping! Footprint is

80% reduced

Compact

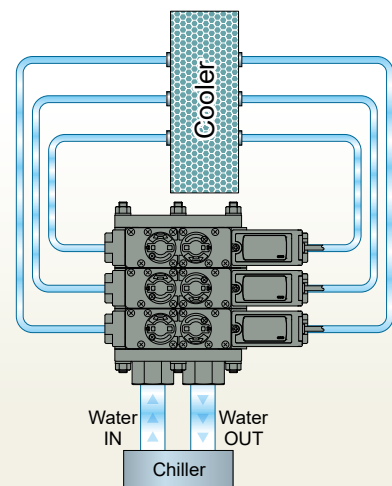


- ▶ No more individual piping work
- ▶ Reduces pipe leakage
- ▶ Reduces design and arrangement work

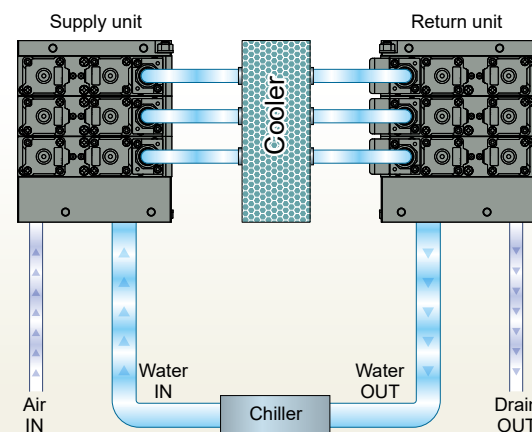
System image

The fluid is branched into individual pipes in the unit.

One-fluid control



Two-fluid control



WXU-H — One-fluid control

- A single unit serves as supply and return for the cooling piping.
- Valves can be mounted individually on the supply side and return side.
- Cock valve that opens and closes with a single operation allows easy visual inspections.
- Built-in structure and light valve housing make handling easier.



WXU-HC — One-fluid control

- A single-fluid cock valve that serves as both supply and return for the cooling piping in the same manner as WXU-H.
- Equipped with a capacitance electromagnetic flow sensor to reduce the risk of detection error due to water quality.



WXU-J — One-fluid control

- A single unit serves as supply and return for the cooling piping.
- Valves and needles mounted on the supply side can be controlled individually (ON/OFF) for each system.
- Mounted needle allows easy adjustment of the flow rate.



WXU-P — Two-fluid control

- Separate units for supply and return enable flow of two kinds of fluid (e.g., water and air).
- Suitable for a system with both coolant and air such as sputtering equipment.
- Individual control (water conduction/air purge control) by system is possible.



Application

LCD semiconductor Vacuum deposition apparatus



WXU-P/H

Spot welding apparatus



WXU-HC

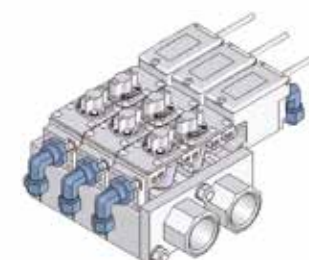
Casting



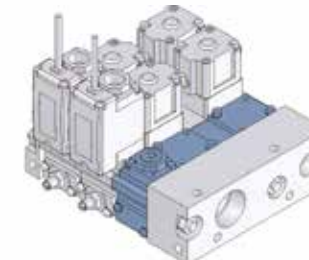
WXU-P/J/H

Customization example

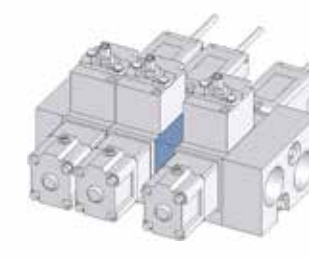
Customization is possible according to your specific needs.



With fitting



Masking



Intermediate Block

- Separately installed display [Sensor section]
- Analog + SW output [Sensor section]
- Branched (WXU-P)
- Without cylinder valve (WXU-J)