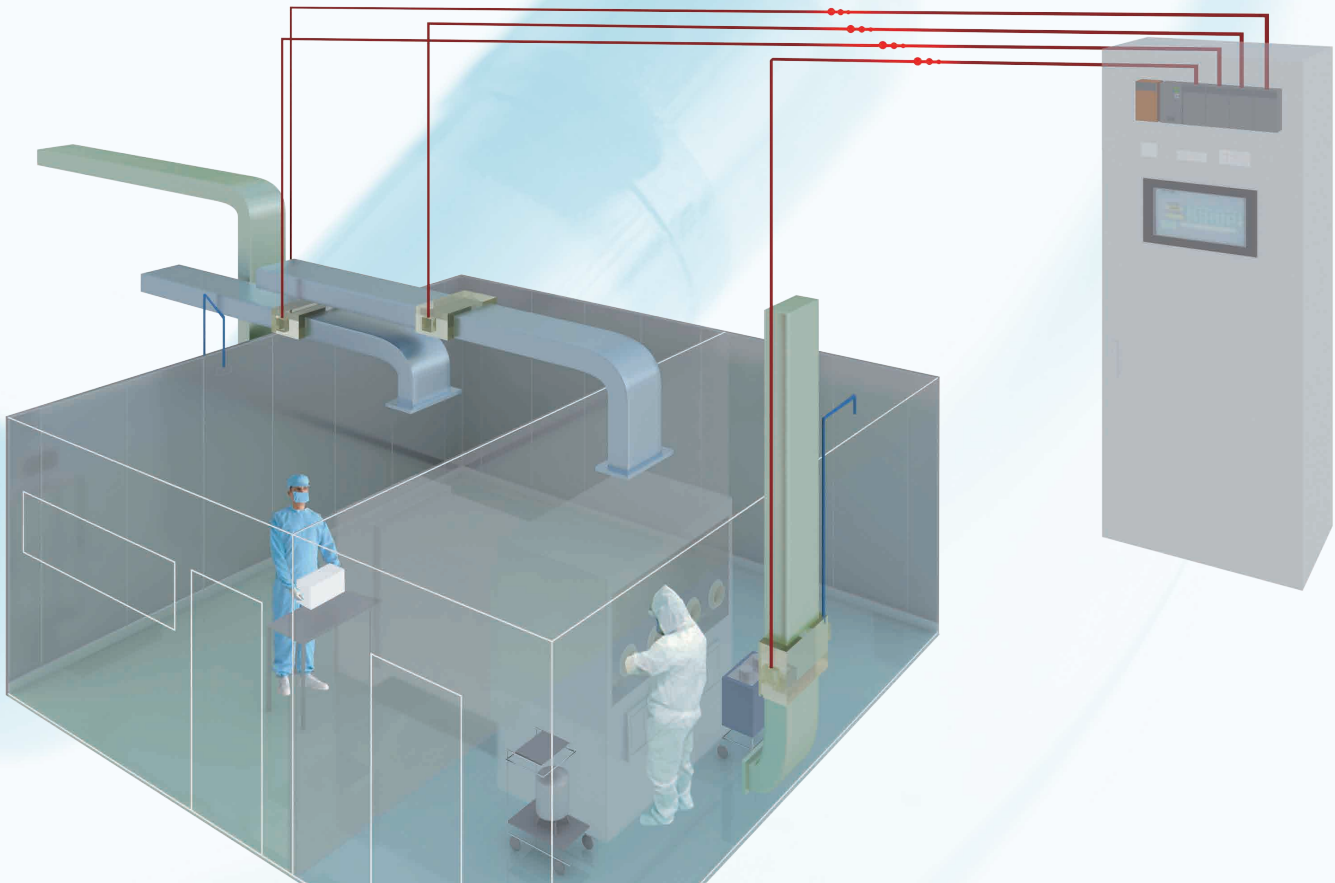


Room Pressure Control System **TAICOM-RP40**

Features of TAICOM- RP40

- Coverage of maximum 40 rooms
- Reduces validation time
- Energy saving operation
- Integratable with decontamination system

This system monitors the condition of peripheral equipment, and operates and controls the system at the optimum conditions.



■ Main Duct Pressure Optimization Control

●Based on the opening information of the room pressure control damper (PCD), the main duct pressure is automatically controlled to an optimum value to maintain the set room pressure.

●Air-circulation Rate Retention

Based on the opening information of the constant air volume system (CAV), the main duct pressure is automatically controlled to an optimum value to maintain the Air-circulation rate.

■ GAMP5 Compliant CSV

Performs computerized system validation (CSV) based on GAMP5.

■ Simultaneity of Room Pressure Measurement Value

The TAICOM-RP40 outputs the room pressure storage command to all PCDs, and the room pressure measurement value at the same time is read sequentially and displayed.

■ Air Volume Switching Control

Energy and Electric power can be reduced maintaining the room pressure during the non-production hours by the control of air volume.

■ Security

Access for to multiple levels is controlled by IDs and passwords, to restrict operation authority.



Specification Outline

- ① **Number of rooms for pressure control** · 40 rooms max
- ② **Decontamination method** · · · · · Compatible to area decontamination and independent decontamination
- ③ **Number of air volume setting zones** · · 40 zones max
- ④ **Air volume modes** · · · · · Production air volume / Non-production air volume
- ⑤ **Display alarms** · · · · · Graphic panel
- ⑥ **Alarm output** · · · · · Abnormal room pressure, trouble of peripheral devices, etc.
- ⑦ **Others** · · · · · Built-in uninterruptible power supply (UPS)

Contact

Taikisha Ltd.
www.taikisha-group.com

Shinjuku Grand Tower 8-17-1, Nishi-Shinjuku, Shinjuku-ku, Tokyo 160-6129, Japan
Sales Engineering Dept. Marketing and Development Dept. Green Technology System Division
Telephone : +81-(0)3-5338-5128