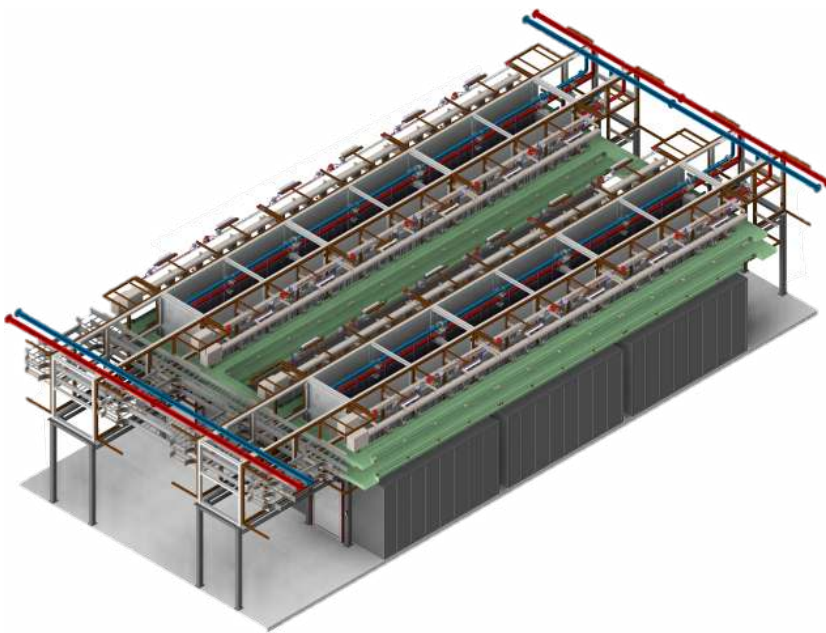


Integrated Hot Aisle Containment System (HAC/CAC)

Fully integrated white-space infrastructure for high-density data centers. GW Modular's integrated HAC system brings cabinet space, containment, power and cable pathways, cooling distribution, monitoring, security, and fire detection/protection together in one coordinated modular solution.



SPECIFICATIONS



Secure & safe

HAC doors, fire detection, protection



Liquid cooling

CDU piping for reliable distribution



Monitored & controlled

Sensors, alarms, control integration



Modular & scalable

Repeatable sections, future expansion

KEY ADVANTAGES

- Comprehensive white-space solution: cabinet space, containment, power/cable pathways, cooling, monitoring, and fire protection integrated
- Customized modular solution: designed around project-specific performance, service access, and operational needs
- Standardized for rapid deployment: repeatable modules support faster installation, future capacity, and flexible density upgrades
- Flexible and scalable architecture: built to adapt as IT deployment size and power density grow

Let's talk about your next project.
sales@gwmodular.com



GW Modular

A DBM GLOBAL COMPANY

MODULE BREAKDOWN AND DESIGN INTEGRATION HIGHLIGHTS

Accurate module breakdown with multiple configurations. South end first, then three HAC sections, then north end.

MODULE BREAKDOWN

- ✓ Power/telecom modules: overhead power distribution, busway, basket tray, and cable management
- ✓ CDU piping modules: center module contains CDU supply and return piping only
- ✓ Support leg modules: structural support legs provide stability and modular repeatability
- ✓ Panel/light beams: panel beams support center modules and integrate aisle lighting
- ✓ End modules: south end first, then three HAC sections, then north end
- ✓ Busway & basket tray: clean overhead routing for power, telecom, and data pathways

DESIGN INTEGRATION HIGHLIGHTS

- ✓ Aisle lighting: integrated lighting in panel/light beams
- ✓ HAC door: secure entry through support leg/end module assembly
- ✓ Fire alarm / strobe horn: pre-installed for rapid alarm visibility
- ✓ Fire suppression piping: overhead clean-agent piping system
- ✓ Polycarbonate panels: durable clear panels for thermal containment
- ✓ Basket tray system: pre-integrated power and data routing
- ✓ Technology water piping loop: CDU and facility water header connections
- ✓ Monitoring ready: prepared for sensor and control-system integration

OPTIONAL CENTER MODULE CONFIGURATION

- ✓ The center module may be configured to support two HCS air handling units for higher density cooling requirements
- ✓ Base center module scope remains CDU piping and associated containment architecture

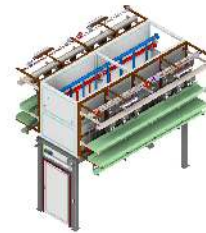
TYPICAL ONE FULL ROW CONFIGURATION

ELEMENT	QUANTITY
South end module (first)	1
HAC sections with center CDU piping modules	3
North end module (last)	1
Power/telecom modules	6
Structure support legs	6
Panel/light beams	10



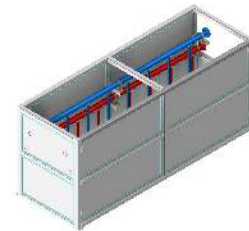
HAC SECTION - EXPLODED VIEW

Accurate module breakdown, multiple configurations



HAC SOUTH END

South end module, set first



CDU PIPING MODULE

CDU supply and return piping only