

DYNAMIC DENSITY CONTROL™



SCALEMATRIX
C A B I N E T T E C H N O L O G Y



ANY HARDWARE. ANY DENSITY. ANYWHERE.

DYNAMIC DENSITY CONTROL™ COOLING & DATA CENTER PLATFORM

configuration, and deliver precise, dynamic cooling and airflow management, which completely eliminates the need for extraneous customization generally associated with high-density deployments.

DDC enclosures can be deployed as a stand-alone solution, or can be integrated into existing or new data center construction projects with ease. The platform provides users with the ability to extend data center capabilities into labs, warehouses, ships, and other non-traditional locations which may have been limited previously because of concerns about heat and noise pollution associated with open rack designs.

The DDC™ platform is comprised of fully enclosed equipment racks, with a closed-loop design which delivers near-silent operation and stunning density and efficiency results. Much more than simple thermal management, DDC delivers full data center functionality with integrated air handling, fire suppression, air filtration, access control, and a variety of cabinet or facility-level monitoring options offered as part of the overall package.

FUTURE PROOF YOUR DATA CENTER – WITH THE DDC™ ADVANTAGE

DDC solves the challenges of tomorrow's data centers today by addressing the density, efficiency, and environmental challenges associated with today's changing IT environments.

Cool **Any IT Load** Dynamically Up to **52kW**
Supports **Any Rack-Mountable Hardware**
Precision Airflow Management (**3500 CFM+**)
Delivers **Industry-Leading PUE** (1.1+)
Provides **Clean Room Quality** Environment
Eliminated Noise & Heat Pollution
Better ROI than DX, RDX, Chill Door, Air Econ.

Modular Design – Deploy One or Entire Facility
Stand Alone or Integrated with DCIM or BMS
Eliminates Resources Stranding
No Customization of Hardware Required
Improves CapEx Spending through Modularity
Future-Proof Scalability with a Single Solution
Supports **Demanding HPC** Requirements



SCALEMATRIX
CABINET TECHNOLOGY

IDEAL USE CASES

Rapid Deployments - Solve for space, power, cooling constraint, or unexpected hardware deployment with DDC. Installs in days and provides unparalleled density and efficiency.

Upgrade Existing Data Center Capabilities - Revitalize existing data center deployments with ease by deploying DDC enclosures. Deploy on raised floors or slab environments and extract extended value from existing power and cooling resources.

New Data Center Construction - Enjoy industry-leading PUE, modular CapEx spending, unlimited flexibility, no more stranded assets, and significant ROI from long-term OpEx cost improvement.

Deploy Where No Data Center Has Gone Before - Out of space in your existing data center? Extend power and water resources to a warehouse, storage room, or empty office space and deliver extreme density on demand!

MODEL#	S-1017	S-1034	S-1052
TEMPERATURE MANAGEMENT	17kW	34kW	52kW
RACK UNIT HEIGHT	45U		
RACK DIMENSIONS	24 X 72 X 116.5 (in)		
FIRE SUPPRESSION	Integrated, Inert Gas Based		
OVERHEAD CABLE AND PLUMBING REQUIREMENT	10 (in)		
DDC-IM: DDC™ INFRASTRUCTURE MANAGER : Rack Level Power & Cooling Controls - Standard	Setpoint Temperature Control Dynamic Management		
CABINET POWER DISTRIBUTION (CDU)	2 X Primary 30Amp 208v 3Phase Web Enabled, Remote Reboot, Live Usage Reporting	2 X Primary 60Amp 208v 3Phase Web Enabled, Remote Reboot, Live Usage Reporting	3 X Primary 60Amp 208v 3Phase Web Enabled, Remote Reboot, Live Usage Reporting
WATER TEMP OPERATING RANGE	45°F–60°F		
FLOW RATE	5-10GPM	10-12GPM	10-12GPM
INTER-CABINET CABLE MANAGEMENT	Included		
SECURE MANUAL DOOR LOCKS	Included		
CABINET SYSTEM PRICE	\$20,000	\$30,000	\$45,000

Deploy this industry-leading data center platform for less than \$1/watt!

System pricing includes cabinet enclosure, DDC management software, air handling, air filtration, security and access control, monitoring capabilities, internal power distribution, and equipment warranty.

DDControl.com



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INDUSTRY-LEADING DENSITY AND EFFICIENCY CAPABILITIES

A Great Return On Investment (ROI)

With ScaleMatrix' DDC platform, power, cooling, and data center resource issues are now under control! Deploy in any environment, dynamically adjust resources in real time, and enjoy industry-leading density capabilities that deliver the business agility and the future-proofing you need to compete in today's competitive IT world.

Compare & Save

Compare the efficient and flexible capabilities of the DDC platform with other data center cooling solutions and you'll quickly see that the competition isn't covering all the bases.

DDC provides a complete solution, addressing energy efficiency, thermal management, and precise airflow control, plus a myriad of other options, all for less than \$1/watt. In addition, the long term OpEx costs associated with the DDC platform give it one of the best returns on investment (ROI) available on the market today.



*Talk to a DDC™ specialist
today to compare and save!*

ANY HARDWARE. ANY DENSITY. ANYWHERE.

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