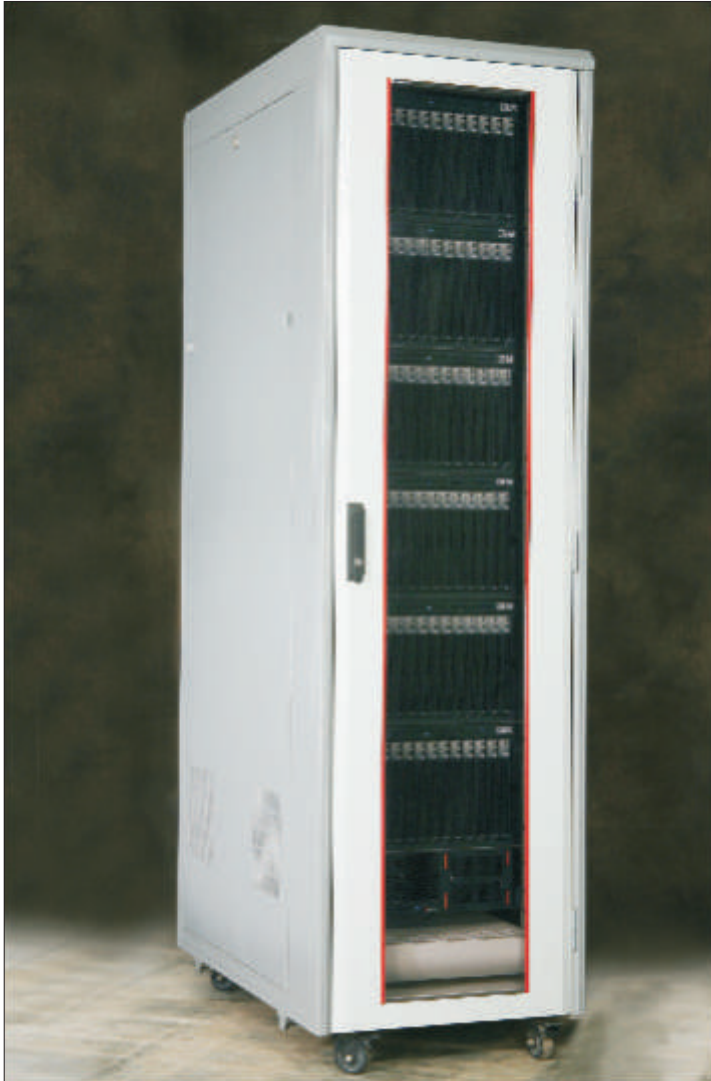




VALRACK[®]

COOLSERV[™]

**Redirection of airflow only
No liquid or active cooling**



Cold air entering the cabinet with a force of 1000 CFM by, using a 2U high air directional turbine, that suck in cold air from the a/c input duct, below the false flooring & re-direct it towards the internal air duct created in between door and the server front side.

At the rear end we have an exhaust turbine, which in tandem with the vertical exhaust duct system fitted on the rear door of the cabinet, suctions in all the hot air and directs it to the primary cooling systems exhaust duct via the drop ceiling plenum or ducted return, positioned high above the cabinet. Force of exhaust 1000 CFM.



**✘ No need for any additional liquid cooling systems or an additional panel air-conditioner to be fitted into the rack.
✘ We make use of the existing cooling capacity within the datacenter and achieve a bandwidth of 2-18KW of cooling.**