

Network Cabinets

 **Data Centre Series**

Data Centre Series

Overview

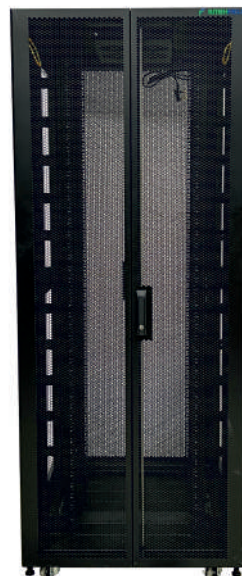
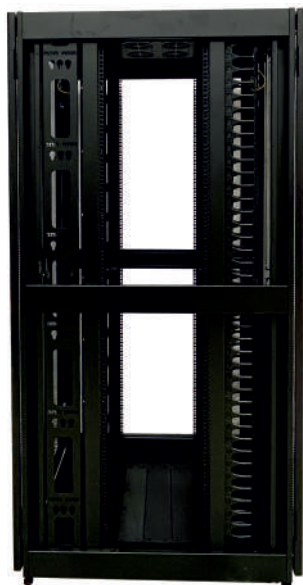
RitchField Data Centre Series Server Rack Cabinet system is specifically engineered to meet the rigorous demands of Data Center environments, providing the ultimate solution. It is capable of accommodating servers from all major brands.

⚡ Standards & Material Summary

- ⚡ This equipment adheres to the standards of ANSI/EIARS-310-D, DIN41491;PART1, IEC297-2, DIN41494;PART7, GB/T3047.2-92, and is compatible with the 19 inch international standard as well as the metric and ETSI standards.
- ⚡ Designed and manufactured under ISO 9001: 2008 and ISO 14001
- ⚡ Five-stage iron-phosphate pretreatment with textured powder coat finish, tested to 500 hours salt spray under ASTM-D610-01 and ASTM-B117
- ⚡ RoHS certified

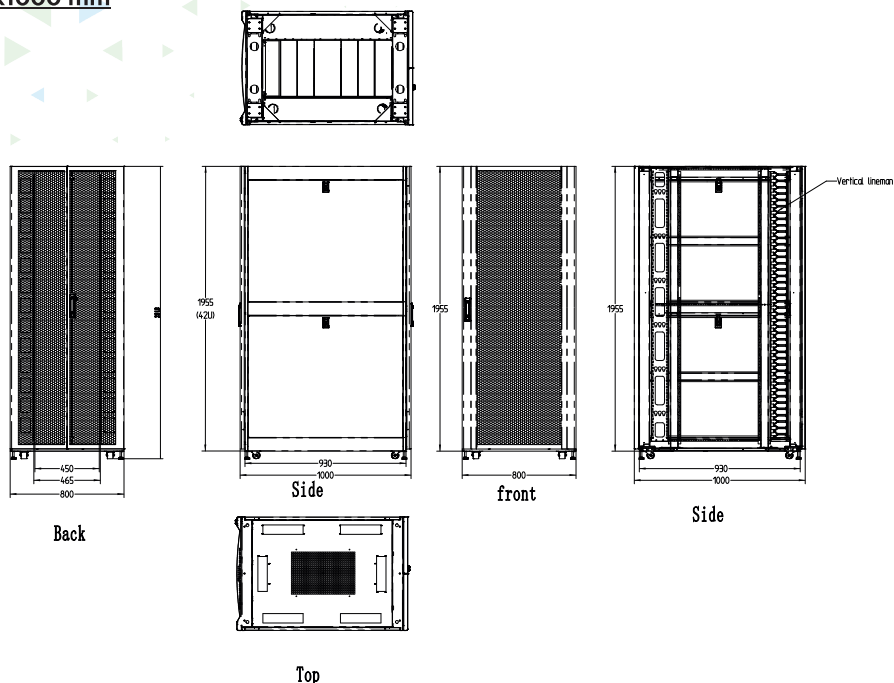
⚡ Characteristics

- ⚡ The equipment is safeguarded and operates reliably with a ventilation rate exceeding 80% due to the presence of a curved perforated front door and a double-section rear door.
- ⚡ Split-level side panels provide convenient access to installed equipment.
- ⚡ "U" numbers are printed on 19" rails.
- ⚡ Quick installation system
- ⚡ Advanced lock
- ⚡ Support a static loading capacity of 1500 kg (800 kg for 600mm depth cabinet) and is equipped with both adjustable feet and heavy-duty castors.
- ⚡ Premium grade Hot and Cold rolled steel sheet.
- ⚡ The thickness for the frame & rail is 2.00mm and for other parts 1.5mm
- ⚡ The standard color is semi-textured black
- ⚡ The top and bottom wiring channels can be closed and adjustable
- ⚡ Customization requests welcome

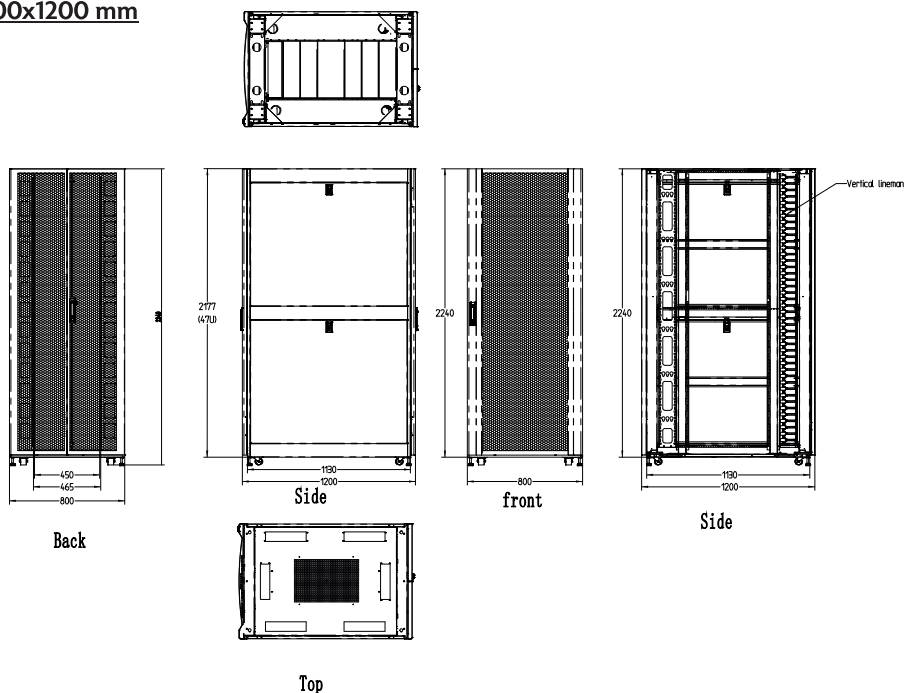


Technical Drawing

42U 800x1000 mm



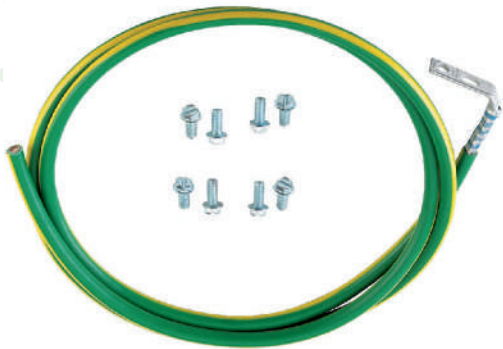
47U 800x1200 mm



Accessories



Optional Accesories

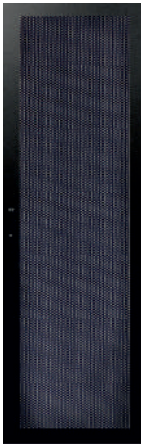


Earth Bonding Kit with earth clamp & screws



Copper earthing bar with screws

Door Options



3. Perforated Metal Single Door



4. Perforated Metal Double-Section Door



5. Curved Perforated Metal Single Door

Ordering Information

Height (U)	Outer Width (mm)	Outer Depth (mm)	Outer Height (mm)	Inner Width (mm)	Inner Depth (mm)	Inner Height (mm)	Part Number
27	600	600	1343.25	482.60	300	1200.15	RF3-FLDC-27606-<DD>-<CC>
27	600	800	1343.25	482.60	500	1200.15	RF3-FLDC-27608-<DD>-<CC>
27	600	1000	1343.25	482.60	700	1200.15	RF3-FLDC-27610-<DD>-<CC>
27	800	800	1343.25	482.60	400	1200.15	RF3-FLDC-27808-<DD>-<CC>
27	800	1000	1343.25	482.60	600	1200.15	RF3-FLDC-27810-<DD>-<CC>
32	600	600	1565.50	482.60	300	1422.40	RF3-FLDC-32606-<DD>-<CC>
32	600	800	1565.50	482.60	500	1422.40	RF3-FLDC-32608-<DD>-<CC>
32	600	1000	1565.50	482.60	700	1422.40	RF3-FLDC-32610-<DD>-<CC>
32	800	800	1565.50	482.60	400	1422.40	RF3-FLDC-32808-<DD>-<CC>
32	800	1000	1565.50	482.60	600	1422.40	RF3-FLDC-32810-<DD>-<CC>



37	600	600	1787.75	482.60	300	1644.65	RF3-FLDC-37606-<DD>-<CC>
37	600	800	1787.75	482.60	500	1644.65	RF3-FLDC-37608-<DD>-<CC>
37	600	1000	1787.75	482.60	700	1644.65	RF3-FLDC-37610-<DD>-<CC>
37	800	800	1787.75	482.60	400	1644.65	RF3-FLDC-37808-<DD>-<CC>
37	800	1000	1787.75	482.60	600	1644.65	RF3-FLDC-37810-<DD>-<CC>
42	600	600	2010.00	482.60	300	1866.90	RF3-FLDC-42606-<DD>-<CC>
42	600	800	2010.00	482.60	500	1866.90	RF3-FLDC-42608-<DD>-<CC>
42	600	1000	2010.00	482.60	700	1866.90	RF3-FLDC-42610-<DD>-<CC>
42	800	800	2010.00	482.60	400	1866.90	RF3-FLDC-42808-<DD>-<CC>
42	800	1000	2010.00	482.60	600	1866.90	RF3-FLDC-42810-<DD>-<CC>
42	800	1200	2010.00	482.60	800	1866.90	RF3-FLDC-42812-<DD>-<CC>
45	600	600	2143.35	482.60	300	2000.25	RF3-FLDC-45606-<DD>-<CC>
45	600	800	2143.35	482.60	500	2000.25	RF3-FLDC-45608-<DD>-<CC>
45	600	1000	2143.35	482.60	700	2000.25	RF3-FLDC-45610-<DD>-<CC>
45	800	800	2143.35	482.60	400	2000.25	RF3-FLDC-45808-<DD>-<CC>
45	800	1000	2143.35	482.60	600	2000.25	RF3-FLDC-45810-<DD>-<CC>
45	800	1200	2143.35	482.60	800	2000.25	RF3-FLDC-45812-<DD>-<CC>
47	600	600	2232.25	482.60	300	2089.15	RF3-FLDC-47606-<DD>-<CC>
47	600	800	2232.25	482.60	500	2089.15	RF3-FLDC-47608-<DD>-<CC>
47	600	1000	2232.25	482.60	700	2089.15	RF3-FLDC-47610-<DD>-<CC>
47	800	800	2232.25	482.60	400	2089.15	RF3-FLDC-47808-<DD>-<CC>
47	800	1000	2232.25	482.60	600	2089.15	RF3-FLDC-47810-<DD>-<CC>
47	800	1200	2232.25	482.60	800	2089.15	RF3-FLDC-47812-<DD>-<CC>

DD = Type of Door

- 3. Perforated Metal Single Door
- 4. Perforated Metal Double Door
- 5. Curved Perforated single Door

CC = Color of the cabinet

- RL04 - RAL 9004
- RI35 - RAL 7035

