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# Server Enclosure

27RU / 42RU / 45RU / 47RU

600mm Wide



The ION High flow series Server Enclosure is the next generation rack enclosure solution influenced by years of customer feedback and addresses current IT market trends for high-density server and networking applications. With a strong focus on cooling, power distribution, cable management and environmental monitoring, the ION High flow series provides a reliable rack-mounting environment for mission-critical equipment.



## Server Enclosure FEATURES

- 10 year warranty\*
- 1400 KG load rating
- Contoured high density perforated doors exceed 80% open area for maximum airflow
- Split level side panels panels for easy access
- Adjustable Depth 19" vertical mounting rails in 6.35 mm increments with easy to read depth markings
- "U" numbers printed on 19" rails
- Optional Flat pack design
- Field reversible doors

# Server Enclosure

## 27RU / 42RU / 45RU / 47RU

### Specifications

	800 Deep				1000 Deep				1200 Deep		
	27U	42U	45U	47U	27U	42U	45U	47U	42U	45U	47U
Overall Height of Rack without Casters	1299	1966	2099	2188	1299	1966	2099	2188	1966	2099	2188
Overall Height of Rack including Casters	1327	1994	2127	2216	1327	1994	2127	2216	1994	2127	2216
Overall Depth, Door to Door	890	890	890	890	1090	1090	1090	1090	1290	1290	1290
Rack Depth, Frame to Frame	800	800	800	800	1000	1000	1000	1000	1200	1200	1200
Usable Rack Height	27U	42U	45U	47U	27U	42U	45U	47U	42U	45U	47U
Net weight (Kg.) (Include Casters )	78	104	110	115	79	110	116	120	129	137	141
Maximum Mounting Depth (mm )	690	690	690	690	890	890	890	890	1090	1090	1090
Front Door Total Open Area (sq in), all exceed 80%	654	1032	1109	1160	654	1032	1109	1160	1032	1109	1160
Rear Door Total Open Area (sq in), all exceed 80%	656	1008	1074	1122	656	1008	1074	1122	1008	1074	1122
Door opening radius	155 °	155 °	155 °	155 °	155 °	155 °	155 °	155 °	155 °	155 °	155 °

## Standards and Materials SUMMARY

- UL listed : UL 2416 Issue No.2, CSA 22.2 No. 60950-1-07
- Dimensions conform to EIA-310E, IEC-60297-1,2
- Five stage iron-phosphate pretreatment with textured powder coat finish, tested to 500 hours salt spray under ASTM-D610-01 and ASTM-B117
- Standard color is low gloss textured black
- Premium grade Hot and Cold rolled steel sheet
- Structure of Frame Top and Frame Bottom are made of SAPH-440 (Automobile grade)
- Designed and Manufactured under ISO 9001 : 2008 and ISO 14001
- All materials RoHS compliant