

RackOm System

Delhi : F 11 & B40 Vishwakarma Colony Lal Kuan M B Road Delhi 110044

Haryana : Shed 61-62 Near Power House, Anangpur Road Gurukul Industrial Area Faridabad (Haryana)

E-mail : rackomsystem@gmail.com | marketing@rackom.in | sales@rackom.in Web : www.rackom.com

Phone : + 91 9818641864 + 8076034670



RackOm- 15U Wall Mount/Pole mount/Free Standing IP55 Outdoor Rack IP-5(Dust-Solid Particles) | 5(Liquid-Water Oil)

IP55 enclosure provides protection from level of harmful dust and provide protection from low pressure water jet and complete protection from rain water

Usability- Network Switches, Telecom, Surveillance, Network & Surveillance, Fiber management system, Solar Projects

Construction- Welded Pre-Galvanized Plain Steel Construction 1.2 mm Thick Load Bearing angles are 1.5 mm

Front Door- lockable steel door with gasket sealing, 2 Fan option for hot air execution Extra hood on Door

2 Pair heavy duty (1.5mm) vertical mounting rail for equipment mounting, Height as per Rack Unit

Load Bearing Capacity up to 40 -45 KG (Customized Cabinet with load bearing capacity of 100kg is Optional)

Color- light Grey Powder Coated (RAL-7035)

Louvered Side Walls for Air Filter Fitting

Pole Mount Kit- 2.5mm – 3.0mm Thick Pole Mount Bracket with 12mm thick x 200mm long Bolt

Available in Cold Rolled Steel | Galvanized Steel | Stainless Steel

Integrated Canopy on top, 50mm extra coverage from front door side

Dual Locking arrangement Cam Lock + Pad lock on door

Other Features of RackOm IP55 Cabinet:

- Protection Rating IP55 Compliance Structure Protection from Rain Water or Natural way
- Protection Rating IP55 Compliance Structure Protection From level of harmful dust
- Fan Cooled Cabinet through Dual Fan Option
- Aluminum Wire Mesh Filter 100mm x 200mm which prevent level of harmful dust entering into cabinet
- Two Year Warranty for Cabinets Which Include FAN & Power Distribution Units
- Powder Coated with Color Options RAL7035 Light Smoke Grey or RAL9005 Black are the Standard
- Available in Multiple Depth like 200mm | 300mm | 400mm | 500mm | 600mm
- Single Skinned Wall Cabinet & Double Skinned Wall (25mm cavity) Cabinet with insulation (optional)
- Fan hood On Front Door with Louvers to eliminate cabinet hot air
- Fully adjustable 19" mounting Channels, mounting rails can be adjusted as per requirement
- Pole Mount, Tower Mount & Wall mount through single arrangement Pole Dia 2 inch to 7 inch
- Cable Entry through IP PG Glands - Options PG 7, PG 9, PG 11, PG 16, PG 19, PG 25, PG 29, PG 36
- Power Distribution Unit- 6 Socket 5 & 15 AMP Indian round pin Horizontal (optional)
- Cable Management- Horizontal PVC (Optional)
- Fix Shelf/Cantilever Shelf- 255mm to 375mm (optional)
- Silicon sealant protection on all joint area
- RackOm Cabinets are certified for IP55 rating by Electronic Regional Test Laboratory - ERTL Under STQC Directorate Department of Information Technology , Ministry of Communications & Information Technology Govt. of India

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Single Skin Cabinet

Product Part No.	Height in U	Overall Height	Usable Height	Overall Width	Usable Width	Overall Depth	Usable Depth
RSOD012-001	15U	875mm Include Base Pad (34.44 Inch)	533mm (25.04 Inch)	575mm	482.6mm (19 Inch)	300mm	200mm (07.87 in)
RSOD012-002	15U	875mm Include Base Pad (34.44 Inch)	533mm (25.04 Inch)	575mm	482.6mm (19 Inch)	400mm	320mm (12.59 in)
RSOD012-003	15U	875mm Include Base Pad (34.44 Inch)	533mm (25.04 Inch)	575mm	482.6mm (19 Inch)	500mm	420mm (16.53 in)
RSOD012-004	15U	875mm Include Base Pad (34.44 Inch)	533mm (25.04 Inch)	575mm	482.6mm (19 Inch)	600mm	520mm (20.47 in)



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सत्यमेव जयते



फार्म सं. : टी आर एफ-२००८

Form No. : TRF-2008

प्रमाणपत्र सं.

ई.क्ष.प.प्र. (उ.) ६०(४)-२०००

ERTL(N)/90(4)-2K E0053

दिनांक : / /

Date : 18/05/2016

परीक्षण रिपोर्ट TEST REPORT



भारत सरकार

Government of India

संचार व सूचना प्रौद्योगिकी मंत्रालय

Ministry of Communications & Information Technology

सूचना प्रौद्योगिकी विभाग

Department of Information Technology

मानकीकरण परीक्षण एवं गुणवत्ता प्रमाणन निदेशालय

Standardisation Testing and Quality Certification Directorate

इलेक्ट्रॉनिकी क्षेत्रीय परीक्षण प्रयोगशाला (उत्तर)

ELECTRONICS REGIONAL TEST LABORATORY (NORTH)

एन एस आई प्रयोगशाला आई ई सी क्यू के तहत, आई ई सी ई ई - सी वी तथा एन ए बी एल द्वारा प्रत्यापित प्रयोगशाला)

[NSI Laboratory under IECQ, IECEE-CB & NABI Accredited Laboratory]

एस-ब्लॉक, ओखला औद्योगिक क्षेत्र फेज-11, नई दिल्ली ११००२०

भारत

S-Block, Okhla Industrial Area, Phase-II, New Delhi-110020

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नई दिल्ली-110020 / New Delhi-110020

S.P. Issue No.: 03, Dec. 2013



NABL ACCREDITED
LABORATORY
Certificate Nos.:
T-0001, T-1572, C-0001,
C-0177, C-0178, C-0588

Test Report		DATE OF RECEIPT OF ITEM	DATE OF COMPLETION OF TESTING	PAGE NO.
NUMBER		DATE		
ERTL(N)/90(4)-(2016-17)/E0053		18/05/2016	12/05/2016	17/05/2016
1. Service Request Form	Number	16T0051		
	Date	12/05/2016.		
2. Customer	Name	M/s. RACKOM SYSTEM.		
	Address	F-11 GF VISHWAKARMA COLONY , LAL KUAN, M.B. ROAD DELHI-110044.		
3. Manufacturer (as declared by customer)	Name	M/s. RACKOM SYSTEM.		
	Address	F-11 GF VISHWAKARMA COLONY , LAL KUAN, M.B. ROAD DELHI-110044.		
4. Description of Item	Nomenclature	RACKOM 9U IP55 OUTDOOR CABINET WITH INBUILT 2 FAN 4".		
	Make / Trade Mark	RACKOM		
	Model No./ Type No.	RSOD009-001.		
	Number of sample/ Serial No.	ONE. RSOD2016-001.		
	Year of Manufacture	2016.		
Condition	GOOD			
5. Name & address where testing carried out (In-house/Subcontracting/Single window service/ On-site/Using Customer Facilities)	ERTL(N), S-BLOCK, OKHLA INDUSTRIAL AREA-PHASE II, NEW DELHI-110020.			
6. Applicable standard/ specification	CUSTOMER'S.			
7. Test Method/Operating Procedure	AS PER IP55 OF IEC 60529.			
8. Environmental Conditions	Temperature	15°C TO 35°C		
	Relative Humidity	45% TO 75%		
9. No of Annexures (If any)	NIL.			

Tested by

Approved By

Issued by

(ASHISH CHAUDHARY)
SCIENTIST 'B'

(JITENDER SAIGAL)
SCIENTIST 'E'

(BALDEV DUTT)
SCIENTIST 'B'



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Test Report		PAGE NO.
NUMBER	DATE	2 of 4
ERTL(N)/90(4)-(2016-17)/E0053	18/05/2016	

10. Details of Test Equipment used:

Sl. No.	Nomenclature	Make	Model/ Type No.	Calibration Valid upto
1.	Ingress Protection Dust Chamber for IP5X	ERTL(N)	4001	N.A.
2.	Ingress Protection Water Test Setup for IPX5	ERTL(N)	---	30/10/2016

Tested by

(ASHISH CHAUDHARY)
SCIENTIST 'B'

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(JITENDER SAIGAL)
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(BALDEV DUTT)
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Test Report		PAGE NO.
NUMBER	DATE	3 of 4
ERTL(N)/90(4)-(2016-17)/E0053	18/05/2016	

11. Test Results:

Sl. No.	Clause No.	Parameter & Test conditions	Test Requirements	Measured Values/ Observations	Remarks
1.	---	Dust Test: As per IP5X. Duration: 8hrs.	Conditioning. Visual examination for ingress of dust.	Conditioned. No Ingress of dust observed.	Refer remark12(b)
2.	---	Water Test: As per IPX5. Duration: 03minutes.	Conditioning. Visual examination for ingress of water.	Conditioned. No Ingress of water observed.	---

Tested by

(Signature) 18.05.16
 (ASHISH CHAUDHARY)
 SCIENTIST 'B'

Approved By

(Signature) 18/05/2016
 (JITENDER SAIGAL)
 SCIENTIST 'E'

Issued by

(Signature) 23/5/16
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