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NEMA 3R Vented Outdoor Enclosures



Outdoor environments can have severe effects on the electrical controls inside of enclosures. Those sensitive electronics are extremely susceptible to overheating, moisture, dust, and debris. So, without the proper protection and access for maintenance - their operating life can be shortened. This can result in degraded equipment performance or downtime.

To help optimize electronic component efficiency and reduce failures, outdoor applications need a durable enclosure for protection from the harsh outdoor elements, as well as easy fan and filter access to enable quick routine maintenance.

Rittal's new outdoor vented UL 3R Type Rated enclosure has a durable design and integrated cooling that also accommodates for easy in-field maintenance.

The NEMA 3R Vented Outdoor Enclosure is an off-the-shelf solution with integrated cooling with fans and filters to meet the thermal outdoor environmental needs. The NEMA 3R Vented Outdoor Enclosure provides optimum corrosion protection due to the 3-phase surface finish and silicone gasket. Housing and door are dipcoat primed, powder-coated RAL 9003 white as standard and the mounting panel, that is included, is zinc-plated.

The NEMA 3R Vented Outdoor Enclosure is designed for easy fan access in the roof and the ability to do filter removal or replacement without opening the door for routine maintenance.

For complete details, visit www.rittal.com

- UL Type 3R protection rated for outdoor applications
- Available in carbon steel
- Included mounting panel is zinc-plated
- All-around silicone replaceable seal to keep contaminants out
- Dipcoat primed, powder-coated RAL 9003 white as standard
- Housing with vented roof module minimizes footprint
- Integrated cooling with fans and filters included
- Door with fitted seal and vented hood
- Top-mounted 115V fans for easy access
- Washable filter kits for easy maintenance
- Adjustable thermostat operates fan only when needed
- Single door enclosure with roof module and door hood
- Pre-drilled mounting holes
- 1/4 turn lock configurations with screwdriver insert provide easy component configuration options and access
- 8 enclosure sizes available from stock

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Part No	Catalog No.	H x W x D	Fans						Finish		
		in	Size	Qty	Amps	CFM	Lock Qty	Weight Lb.			
9980094	WMV282412NC	28 x 24 x 12	4"	1	0.23	75	2	82	RAL 9003 White		
9980095	WMV342412NC	34 x 24 x 12	4"	2	0.46	150	2	96	RAL 9003 White		
9980096	WMV402412NC	40 x 24 x 12	4"	2	0.46	150	2	107	RAL 9003 White		
9980097	WMV462414NC	46 x 24 x 14	6"	1	0.34	250	3	142	RAL 9003 White		
9980098	WMV543616NC	54 x 36 x 16	6"	2	0.68	400	3	227	RAL 9003 White		
9980099	WMV663616NC	66 x 36 x 16	6"	3	1.02	500	3	268	RAL 9003 White		
9980124	WMV543620NC	54 x 36 x 20	6"	2	0.68	400	3	250	RAL 9003 White		
9980125	WMV663620NC	66 x 36 x 20	6"	3	1.02	400	3	292	RAL 9003 White		
Floor Stand Kit		Description							Fits Enclosure (D)		
Part No.	Catalog No.								in	mm	
9980102	FSK1212CW	Floor Stand Kit, 12" High, Carbon Steel, RAL9003							12	300	
9980103	FSK1214CW	Floor Stand Kit, 12" High, Carbon Steel, RAL9003							14	350	
9980104	FSK1216CW	Floor Stand Kit, 12" High, Carbon Steel, RAL9003							16	400	
9980018	FSK1220CW	Floor Stand Kit, 12" High, Carbon Steel , RAL9003							20	500	
9980109	FSK2420CW	Floor Stand Kit, 24" High, Carbon Steel, RAL9003							20	500	
Padlock Accessories		Description					PU	Works with			
Part No.	Catalog No.										
9980101	WMPADRV	Padlock lockout, 1-piece					1	WMV locks			
Wall Mounting Brackets		Description					PU	Wall Clearance		Attachment Style	Max Load
Part No.	Catalog No.							in	mm		
9980100	WMVMB	Wall Mounting bracket for WMV					4	0.6	15	Stand-of	560 lbs
Eyebots		Description					PU	Max Load			
Part No.	Catalog No.										
9980108	-	WMV Eyebolts					2	700 lbs			
Door Stops		Description									PU
Part No.	Catalog No.										
9980089	-	WMV Door Stop Kit									1
Pole Mounts		Description					PU	For pole diameter		For pole size	
Part No.	Catalog No.							mm	in	mm	in
9980106	-	WMV Pole Mount Kit					1	40 - 170	1.5 - 6.5	50 - 150	2 - 6

You can find the contact details of all Rittal companies throughout the world here.



www.rittal.com/contact



NEMA 3R Vented Outdoor Enclosure with Door Open



Easily Replaceable Silicone Gasket and Lock

