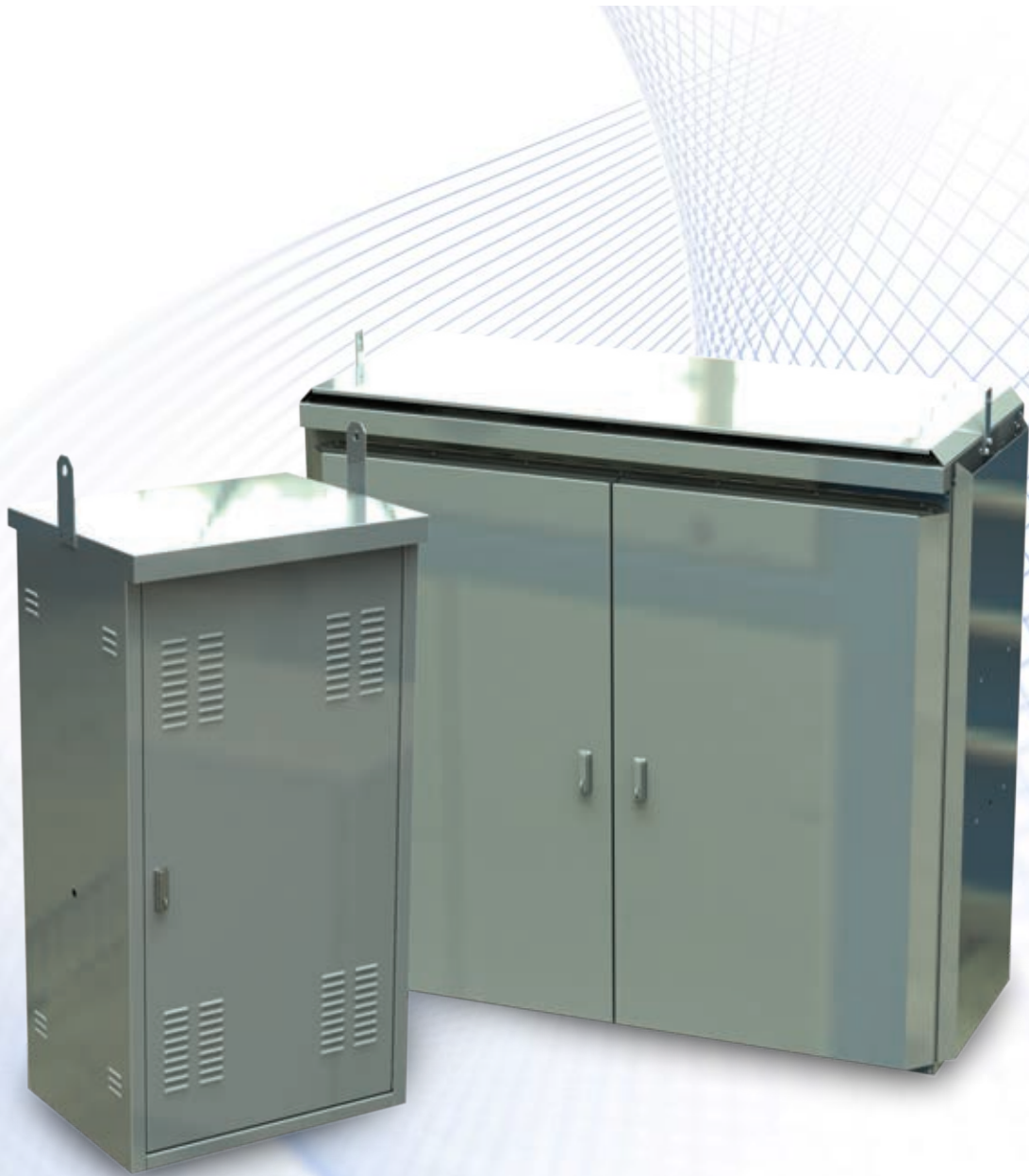


# MILSPEC Enclosures



# MILSPEC Enclosures



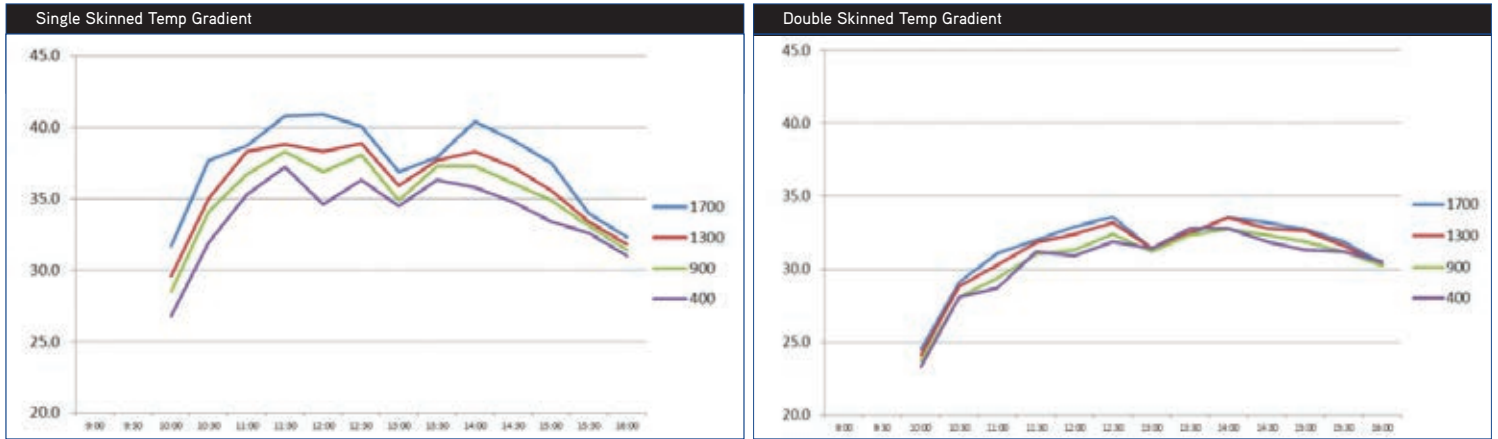
Milspec have been designing and supplying enclosures to rail and industry for over 14 years. Their product range has been specifically designed for the rail and outdoor industry requirements, meeting VRIOGS and ASA requirements. The Milspec range of cabinets are available, with racking to suit, in an off the shelf design, or can be customised to your needs.



# MILSPEC Single vs Double

## Outdoor Enclosures – Thermal Management

Milspec’s experience and expertise in our development and testing departments has allowed us to produce cabinets with improved passive thermal management. Tests carried out by Milspec showed significant temperature gradient control of double skinned cabinets over single skinned cabinets. In Victoria this cabinet has become the benchmark for switching gear protection, delivering substantial green low ‘full life cycle’ results.



Temperature probes placed internally on the door of the cabinet and at 400mm, 900mm, 1300mm, and 1700mm from ground height, showed Milspec’s double skin cabinets had a significant reduction in temperature throughout the day compared to the single skin cabinet.

Time	Single Skin					Double Skin					Temperature Difference					
	400mm	900mm	1300mm	1700mm	Door	400mm	900mm	1300mm	1700mm	Door	400mm	900mm	1300mm	1700mm	Door	
10:00	26.8	28.5	29.6	31.7	30.8	23.3	23.7	24.1	24.5	25.3	3.5	4.8	5.5	7.2	5.5	
10:30	31.9	34.1	35	37.7	39	28.1	28.1	28.8	29.1	28.9	3.8	6	6.2	8.6	10.1	
11:00	35.3	36.7	38.3	38.7	44.7	28.7	29.4	30.3	31.1	31.9	6.6	7.3	8	7.6	12.8	
11:30	37.2	38.3	38.8	40.8	46.4	31.2	31	31.8	32	33	6	7.3	7	8.8	13.4	
12:00	34.6	36.9	38.3	40.9	45.2	30.9	31.3	32.4	32.9	33.4	3.7	5.6	5.9	8	11.8	
12:30	36.3	38.1	38.9	40.1	46.6	31.9	32.4	33.2	33.6	34.1	4.4	5.7	5.7	6.5	12.5	
13:00	34.5	34.9	35.9	36.9	41.7	31.4	31.2	31.4	31.4	32.4	3.1	3.7	4.5	5.5	9.3	
13:30	36.3	37.3	37.7	37.9	40.7	32.8	32.3	32.5	32.4	33.8	3.5	5	5.2	5.5	6.9	
14:00	35.8	37.3	38.3	40.4	41.1	32.8	32.7	33.5	33.6	33.8	3	4.6	4.8	6.8	7.3	
14:30	34.8	36.1	37.2	39.1	40.3	31.9	32.3	32.8	33.2	32.9	2.9	3.8	4.4	5.9	7.4	
15:00	33.4	34.9	35.6	37.5	35.2	31.3	31.9	32.6	32.7	32.4	2.1	3	3	4.8	2.8	
15:30	32.6	33.1	33.4	34	34.3	31.2	31.2	31.6	31.9	31.8	1.4	1.9	1.8	2.1	2.5	
16:00	31	31.4	31.8	32.3	32.3	30.5	30.2	30.3	30.4	30.8	0.5	1.2	1.5	1.9	1.5	
											Avg Difference	0.5	1.2	1.5	1.9	1.5
											Min Difference	6.6	7.3	8	8.8	13.4
											Max Difference	3.4	4.6	4.9	6	8



Part Number	Rail Drawing STD	Description	External Dimensions (mm)			Opening Dimensions (mm)		Material	3 Point Locking	Double Skinned
			W	H	D	W	H			
<b>Standard Enclosures</b>										
1A1MS1990	STD_G0067	Telephone Box (Small)	380	530	300	304	432.6	S/S		
2A1MS1990	STD_G0067	Telephone Box (Large)	500	740	300	424	642.6	S/S		
1AOMS4042	STD_G0064	Meter Box (Large) Two Openings Vertically	500	1296	400	354	649 and 406	S/S		
2AOMS4042	STD_G0064	Meter Box (Small) Two Openings Vertically	400	1062	400	354	415 and 406	S/S		
MS5352	STD_G0101	Single Door Junction Box	430	660	400	357	564	S/S		
MS5321	STD_G0102	2 Door Junction Box Two Openings Horizontally	434	664	405	357	564	S/S		
1AOMS2325	STD_G0100	Short Double Location Case	2000	1470	700	820 x 2	1250	S/S	*	
2AOMS2325	STD_G0100	Tall Double Location Case	2000	1850	700	820 x 2	1653	S/S	*	
4AOMS2334	STD_G0099	Medium Single Location Case	980	1320	700	826	1143	S/S	*	
5AOMS2334	STD_G0099	Short Single Location Case	980	1040	700	826	863	S/S	*	
6AOMS2334	STD_G0099	Tall Single Location Case	980	1830	700	826	1653	S/S	*	
1A1MS2337	STD_G0065	Tall Single High Tension Location Case	980	1830	700	826	1653	S/S	*	
M05-143	SPG0708	Single Width Double Skin Signal Location Case	1123	2177	790			316 S/S		
M05-145	SPG0708	Double Width Double Skin Signal Location Case	2145	2177	790			316 S/S		
M05-147	SPG0708	Triple Width Double Skin Signal Location Case	3165	2207	790			S/S		
M05-536	SPG0708	ATP Annex	620	1500	375			316 S/S		
M10521	N/A	19" Pedestal Box - Double Skinned	650	935	565	514	818	S/S	*	*
<b>Special Enclosures</b>										
M01058		Tall Single, Double Skinned Cabinet	1100	2050	700	820	1534	ALLY	*	*
M00664		Tall Double, Double Skinned Cabinet	2100	2050	700	1820	1534	ALLY	*	*
M05361		Single Door Switchboard Cabinet	500	1065	350			S/S		
M03610		Tall Single, Double Skinned Cabinet	1080	1958	800	845	1657	S/S	*	*
2AOMS2325-HT		Tall Double, High Tension, Centre Mullion/ No Mullion Available	2000	1850	700	1840	1634	S/S	*	
M02737		Tall Double, Double Skinned Cabinet Two Openings Horizontally, Wrap Around Skins	2100	1958	800	867.5 x 2	1657	S/S	*	*
M04337		Tall Double, Double Skinned Cabinet (Bolted on Skins)	2100	1958	800	867.5 x 2	1657	S/S		*
M04418		Tall Double, Double Skinned Cabinet (Bi-Fold Doors) Two Openings Horizontally	2100	1958	800	867.5 x 2	1657	S/S	*	*
M08108		42 RU 19 inch Rack - Bifold Doors	800	2055	800					



M08083		19" Pedestal Box - Double Skinned	650	935	565	514	818	S/S	*	*
M010248		Large TX Door Opens on Opposite Side	500	740	300	424	642.6	S/S		
M07038		Plinth for DW Cabinets	2071	203	600			S/S		
M08281		Plinth for SW Cabinets	1050	203	774			S/S		

**Negative Pillars**

Part Number	Rail Drawing	Description	Material
M04870	STD_G0066	Negative Pillar Box (Various Chute Arrangements)	S/S
M06480		Negative Pillar 4000 Amps - Double Width Cabinet	S/S

\*Please contact us for any custom designed cabinets