


































# FERRAZ SHAWMUT

## Overview Insulated Boxes

VM	MultiBox IP66	VJ-BOX IP67/IP66	APO IP67
<p>VM53</p>  <p>119 x 69 x 77/102 mm 4.7 x 2.7 x 3.0/4.0 inches</p>	<p>MB11</p>  <p>65 x 65 x 57/81 mm. 2.6 x 2.6 x 2.2/3.2 inches</p>	<p>VJ606</p>  <p>186 x 186 x 126 mm. 7.3 x 7.3 x 5.0 inches</p>	<p>A1-706</p>  <p>185 x 150 x 130 mm. 7.3 x 5.9 x 5.1 inches</p>
<p>VM55</p>  <p>119 x 119 x 77/102 mm 4.7 x 4.7 x 3.0/4.0 inches</p>	<p>MB21</p>  <p>94 x 65 x 57/81 mm. 3.7 x 2.6 x 2.2/3.2 inches</p>	<p>VJ806</p>  <p>236 x 186 x 126 mm. 9.3 x 7.3 x 5.0 inches</p>	<p>A31-1207</p>  <p>300 x 185 x 175 mm. 11.8 x 7.3 x 6.9 inches</p>
<p>VM75</p>  <p>169 x 119 x 77/102/128 mm 6.7 x 4.7 x 3.0/4.0/5.0 inches</p>	<p>MB22</p>  <p>94 x 94 x 57/81 mm 3.7 x 3.7 x 2.2/3.2 inches</p>	<p>VJ1008</p>  <p>287 x 236 x 138/176 mm. 11.3 x 9.3 x 5.4/6.9 inches</p>	<p>A41-1212</p>  <p>300 x 300 x 175 mm. 11.8 x 11.8 x 6.9 inches</p>
<p>VM77</p>  <p>169 x 169 x 77/128/153 mm 6.7 x 6.7 x 3.0/5.0/6.0 inches</p>	<p>MB33</p>  <p>110 x 110 x 66/90 mm. 4.3 x 4.3 x 2.6/3.5 inches</p>	<p>VJ1210</p>  <p>338 x 287 x 142/180 mm. 13.3 x 11.3 x 5.6/7.1 inches</p>	<p>A71-1412</p>  <p>370 x 300 x 175 mm. 14.6 x 11.8 x 6.9 inches</p>
	<p>MB42</p>  <p>130 x 94 x 57/81 mm. 5.1 x 3.7 x 2.2/3.2 inches</p>	<p>VJ1412</p>  <p>389 x 338 x 170/208 mm. 15.3 x 13.3 x 6.7/8.2 inches</p>	<p>A51-1912</p>  <p>485 x 300 x 175 mm. 19.1 x 11.8 x 6.9 inches</p>
	<p>MB44</p>  <p>130 x 130 x 75/99 mm. 5.1 x 5.1 x 3.0/3.9 inches</p>	<p>VJ1614</p>  <p>440 x 389 x 170/208 mm. 17.3 x 15.3 x 6.7/8.2 inches</p>	<p>A81-2212</p>  <p>555 x 300 x 175 mm. 21.9 x 11.8 x 6.9 inches</p>
	<p>MB52</p>  <p>180 x 94 x 57/81 mm. 7.1 x 3.7 x 2.2/3.2 inches</p>	<p>VJ1816</p>  <p>491 x 440 x 243 mm. 19.3 x 17.3 x 9.6 inches</p>	<p>A61-2412</p>  <p>600 x 300 x 175 mm. 23.6 x 11.8 x 6.9 inches</p>
	<p>MB53</p>  <p>180 x 110 x 90/111/165 mm. 7.1 x 4.3 x 3.5/4.4/6.5 inches</p>		<p>A11-2414</p>  <p>600 x 370 x 175 mm. 23.6 x 14.6 x 6.9 inches</p>
	<p>MB65</p>  <p>182 x 180 x 90/111/165/215 mm. 7.2 x 7.1 x 3.5/4.4/6.5/8.5 inches</p>		<p>A12-2424</p>  <p>600 x 600 x 175 mm. 23.6 x 23.6 x 6.9 inches</p>
	<p>MB75</p>  <p>254 x 180 x 90/111/165/215 mm. 10.0 x 7.1 x 3.5/4.4/6.5/8.5 inches</p>		
	<p>MB87</p>  <p>361 x 254 x 111/165/215 mm. 14.2 x 10.0 x 4.4/6.5/8.5 inches</p>		

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Ferraz Shawmut Canada Inc.

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## Applications

(include but not limited to:)

- Electrical control devices – push button stations, relays, switches, sensors, definite purpose contactors, IEC controls.
- Instrumentation – thermostats, counters, meters, timers and pneumatic controls.
- Industrial controls – Electro-mechanical, pneumatic, hydraulic, pump and valve controls
- Customized engineered solutions

## Sizes

- 10 sizes from 5X3X3 to 7X7X6 inches.

## Standards

- CSA certified Type 2, 3, 4 & 5
- NEMA/CEMA rated 3, 3R, 4, 4X, 12 and 13
- IEC 529 rated IP 66-11
- CONSTRUCTION
- Base is made of VALOX® crystalline thermoplastic polyester. VALOX® resin offers a performance profile engineered for demanding end-use environments
- Cover is injection moulded in either light grey or clear polycarbonate

## Accessories

- Back panels, DIN rails, hinged window kits

### Quick Reference Guide

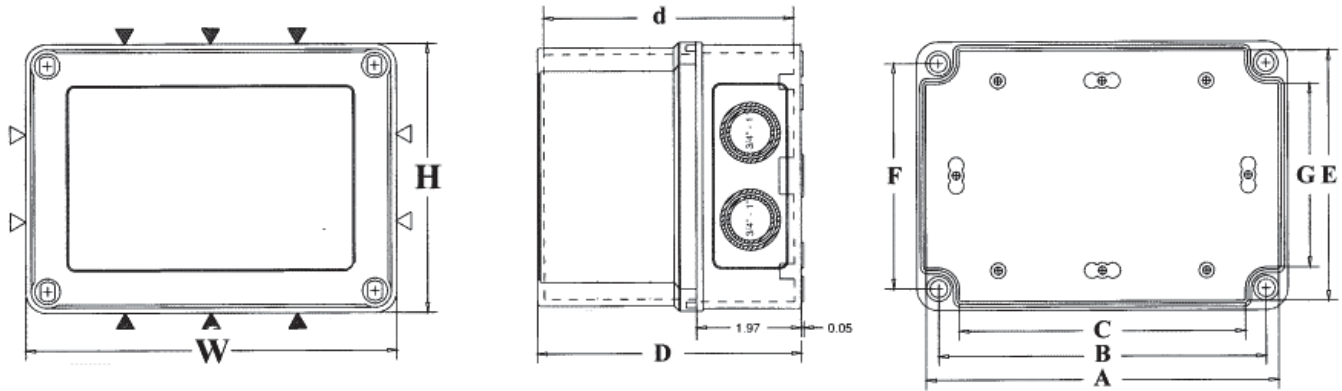
Opaque Cover		Clear Cover		Inside Dimensions			Outside Dimensions			Back Plate	DIN-RAILS	
w/o knockouts	w/ knockouts	w/o knockouts	w/ knockouts	Height	Width	Depth	Height	Width	Depth		Short side	Long side
VM533	VM533K	VM533CT	VM533CTK	4,69	2,72	2,72	5,03	3,06	3,02	VMBP53	DRS533	DRL533
				119	69	69	128	78	77			
VM534	VM534K	VM534CT	VM534CTK	4,69	2,72	3,72	5,03	3,06	4,02	VMBP53	DRS534	DRL534
				119	69	94	128	78	102			
VM553	VM553K	VM553CT	VM553CTK	4,69	4,69	2,72	5,03	5,03	3,02	VMBP55	DRS553	DRL553
				119	119	69	128	128	77			
VM554	VM554K	VM554CT	VM554CTK	4,69	4,69	3,72	5,03	5,03	4,02	VMBP55	DRS554	DRL554
				119	119	94	128	128	102			
VM753	VM753K	VM753CT	VM753CTK	6,65	4,69	2,72	7	5,03	3,02	VMBP75	DRS753	DRL753
				169	119	69	178	128	77			
VM754	VM754K	VM754CT	VM754CTK	6,65	4,69	3,72	7	5,03	4,02	VMBP75	DRS754	DRL754
				169	119	94	178	128	102			
VM755	VM755K	VM755CT	VM755CTK	6,65	4,69	4,72	7	5,03	5,02	VMBP75	DRS755	DRL755
				169	119	120	178	128	127			
VM773	VM773K	VM773CT	VM773CTK	6,65	6,65	2,72	7	7	3,02	VMBP77	DRS773	DRL773
				169	169	69	178	178	77			
VM775	VM775K	VM775CT	VM775CTK	6,65	6,65	4,72	7	7	5,02	VMBP77	DRS775	DRL775
				169	169	120	178	178	127			
VM776	VM776K	VM776CT	VM776CTK	6,65	6,65	5,72	7	7	6,02	VMBP77	DRS776	DRL776
				169	169	145	178	178	153			

NOTE: -   Millimeters



# FERRAZ SHAWMUT

## VM Dimensional Drawings



Size	A	B	C	E	F	G	H	W	D	Knockouts										
										Top	Side									
VM533	4.69	119.03	4.21	106.85	3.43	87.05	2.72	188.11	2.24	56.85	1.46	37.05	5.03	127.83	3.06	77.83	3.02	76.67	2	1
VM534																	4.02	102.02		
VM553																	3.02	76.67		
VM554																	4.02	102.02		
VM753	6.65	168.77	6.18	156.85	5.40	137.05	4.69	119.03	4.21	106.85	3.43	87.05	7.00	177.83	5.03	127.83	3.02	76.67	3	2
VM754																	4.02	102.02		
VM755																	5.02	127.42		
VM773																	3.02	76.67		
VM775	6.65	168.77	6.18	156.85	5.40	137.05	6.65	168.77	6.18	156.85	5.40	137.05	7.00	177.83	7.00	177.83	5.02	127.42	3	3
VM776																	6.02	152.83		

NOTE: -   Millimeters

Window Type	Part Number	Dimensions											
		Overall				Viewing Area				Height			
		Length		Width		Length		Width					
		in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.		
Standard Hinged Window	VM-CTF53	5,12	130	3,03	77	4,41	112	5,71	145	1,97	50	0,79	20
	VM-CTF73	6,42	163										
Standard Spring Hinged Window	VM-CTFS53	5,12	130										
	VM-CTFS73	6,42	163										
Raised Cover Hinged Window	VM-CTH53	5,12	130										
	VM-CTH73	6,42	163										
Raised Cover Window with Spring Hinge	VM-CTHS53	5,12	130									1,26	32
	VM-CTHS73	6,42	163										