

Watertight Extruded Aluminum Enclosures (1457 Series)

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(click to enlarge)

**Clear Anodized
(Open View)**



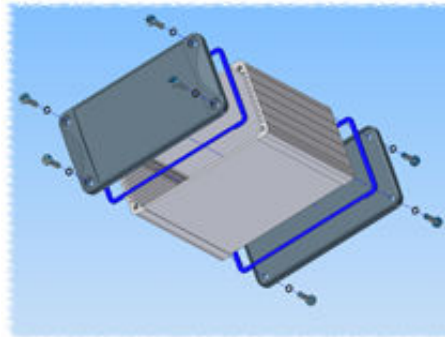
(click to enlarge)

**Clear Anodized
(Assembled View)**



(click to enlarge)

**Flanged Version
Clear Anodized
(Assembled View)**













(click to enlarge)






















Key Features:

- Watertight - [heavy duty extruded enclosures](#) designed to house P.C. boards or for equipment interfacing.
- Sized for standard Eurocards.
- P.C. boards mount horizontally by sliding into internal slots extruded into the enclosure body.
- Rugged body constructed from one piece, extruded aluminum with a minimum thickness of .06" (1.5 mm).
- Extruded aluminum body includes a recessed area for labels or membrane keypad.
- End panels are rugged - yet easy to machine - diecast aluminum with full perimeter self-adhesive gaskets.
- Designed to meet IP 65 ratings.
- Choice of two versions - end panels without flange or with flange (for shelf or wall mounting).

Includes:

- Two diecast aluminum end panels - painted in a durable, black satin powder paint.
- Extruded, aluminum body (choice of either clear anodized or black powder paint finish).
- Two closed cell polyethylene foam - end plate gaskets & rubber "O" rings for assembly screws.
- All hardware and self-adhesive feet.
- **NOTE:** Recommended screw torque is 5 lbf/in

END PANELS - NO MOUNTING FLANGE								
Part Number	Extruded Body Color	 PDF Reader File	AutoCAD .dwg Files (zipped)	3D Solid Model .igs & .stp files (zipped)	Units	Length	Width	Height
3.15" (80 mm) Length								
1457C801 1457C801BK	Clear	 910K	 228K	 258K	Inches	3.15	2.32	1.21
	Black				mm	80	59	30.9
4.73" (120 mm) Length								
1457C1201 1457C1201BK	Clear	 919K	 202K	 258K	Inches	4.73	2.32	1.21
	Black				mm	120	59	30.9
NEW SIZE 1457J1201 1457J1201BK	Clear	 267K	 346K	 439K	Inches	4.73	3.30	1.12
	Black				mm	120	84	28.5

1457K1201 1457K1201BK	Clear				Inches	4.73	3.30	1.73
	Black	1,070K	276K	437K	mm	120	84	44.1
NEW SIZE 1457L1201 1457L1201BK	Clear				Inches	4.73	4.09	1.26
	Black	262K	346K	417K	mm	120	104	32
1457N1201 1457N1201BK	Clear				Inches	4.73	4.09	2.15
	Black	274K	333K	300K	mm	120	104	54.6
6.30" (160 mm) Length								
NEW SIZE 1457J1601 1457J1601BK	Clear				Inches	6.30	3.30	1.12
	Black	250K	333K	439K	mm	160	84	28.5
1457K1601 1457K1601BK	Clear				Inches	6.30	3.30	1.73
	Black	1,062K	313K	437K	mm	160	84	44.1
NEW SIZE 1457L1601 1457L1601BK	Clear				Inches	6.30	4.09	1.26
	Black	259K	323K	417K	mm	160	104	32
1457N1601 1457N1601BK	Clear				Inches	6.30	4.09	2.15
	Black	235K	317K	300K	mm	160	104	54.6

































Link here to [photo tables](#) of each part number



(click to enlarge)

Flanged Version
Clear Anodized
(Bottom View)

END PANELS - FLANGED VERSION								
Part Number	Extruded Body Color	PDF Reader File	AutoCAD .dwg Files (zipped)	3D Solid Model .igs & .stp files (zipped)	Units	Length	Width	Height
3.15" (80 mm) Length								
1457C802 1457C802BK	Clear	 925K	 221K	 280K	Inches	3.15	2.32	1.21
	Black				mm	80	59	30.9
4.73" (120 mm) Length								
1457C1202 1457C1202BK	Clear	 909K	 221K	 280K	Inches	4.73	2.32	1.21
	Black				mm	120	59	30.9
NEW SIZE 1457J1202 1457J1202BK	Clear	 278K	 353K	 459K	Inches	4.73	3.30	1.12
	Black				mm	120	84	28.5
1457K1202 1457K1202BK	Clear	 1,075K	 283K	 479K	Inches	4.73	3.30	1.73
	Black				mm	120	84	44.1
					Inches	4.73	4.09	1.26

NEW SIZE 1457L1202 1457L1202BK	Clear	 253K	 321K	 433K	mm	120	104	32
	Black							
1457N1202 1457N1202BK	Clear	 277K	 544K	 330K	Inches	4.73	4.09	2.15
	Black				mm	120	104	54.6
6.30" (160 mm) Length								
NEW SIZE 1457J1602 1457J1602BK	Clear	 253K	 316K	 433K	Inches	6.30	3.30	1.12
	Black				mm	160	84	28.5
1457K1602 1457K1602BK	Clear	 990K	 298K	 479K	Inches	6.30	3.30	1.73
	Black				mm	160	84	44.1
NEW SIZE 1457L1602 1457L1602BK	Clear	 259K	 313K	 433K	Inches	6.30	4.09	1.26
	Black				mm	160	104	32
1457N1602 1457N1602BK	Clear	 245K	 338K	 330K	Inches	6.30	4.09	2.15
	Black				mm	160	104	54.6



Link here to [photo tables](#) of each part number

Color Options:



(click to enlarge)

- Choose either clear anodized (left) finish or black powder paint (right).
- Note that the diecast aluminum front & back panels are both finished in tough black powder paint.

Heavy Duty:

DESIGNED FOR TOUGH ENVIRONMENTS !



(click to enlarge)



(click to enlarge)

NOTE: We did not design these enclosures to be used as wheel chocks!
Nor do we recommend this application...

However, nothing like a Buffalo, NY winter & an ice covered automobile
for torture testing our enclosures & making a point!


After driving over it (a few times to get the right photo) and inspecting the electronics


inside the enclosure - they were unharmed and dry!

Accessories


Replacement Diecast Aluminum End Panels & Gasket Kits:

NO Mounting Flange

USE WITH (Enclosure Part Number)	2 Pack		10 Pack	
	Thumbnail Photo	Part Number	Thumbnail Photo	Part Number
1457C801		1457CWP	-	1457CWP-10
1457C801BK		1457CWP		1457CWP-10
1457C1201		1457CWP		1457CWP-10
1457C1201BK		1457CWP		1457CWP-10
1457J801	-	1457JWP	-	1457JWP-10
1457J801BK		1457JWP		1457JWP-10
1457J1201		1457JWP		1457JWP-10
1457J1201BK		1457JWP		1457JWP-10
1457K1201	-	1457KWP	-	1457KWP-10
1457K1201BK		1457KWP		1457KWP-10
1457K1601		1457KWP		1457KWP-10
1457K1601BK		1457KWP		1457KWP-10
1457L1201	-	1457LWP	-	1457LWP-10
1457L1201BK		1457LWP		1457LWP-10
1457L1601		1457LWP		1457LWP-10
1457L1601BK		1457LWP		1457LWP-10
1457N1201		1457NWP		1457NWP-10

1457N1201BK	-	1457NWP		1457NWP-10
1457N1601		1457NWP		1457NWP-10
1457N1601BK		1457NWP		1457NWP-10

WITH Mounting Flange

USE WITH (Enclosure Part Number)	2 Pack		10 Pack	
	Thumbnail Photo	Part Number	Thumbnail Photo	Part Number
1457C802	-	1457CWPF	-	1457CWPF-10
1457C802BK		1457CWPF		1457CWPF-10
1457C1202		1457CWPF		1457CWPF-10
1457C1202BK		1457CWPF		1457CWPF-10
1457J1202	-	1457JWPF	-	1457JWPF-10
1457J1202BK		1457JWPF		1457JWPF-10
1457J1602		1457JWPF		1457JWPF-10
1457J1602BK		1457JWPF		1457JWPF-10
1457K1202		1457KWPF	-	1457KWPF-10
1457K1202BK		1457KWPF		1457KWPF-10
1457K1602		1457KWPF		1457KWPF-10
1457K1602BK		1457KWPF		1457KWPF-10
1457L1202	-	1457LWPF	-	1457LWPF-10
1457L1202BK		1457LWPF		1457LWPF-10
1457L1602		1457LWPF		1457LWPF-10
1457L1602BK		1457LWPF		1457LWPF-10
1457N1202	-	1457NWPF	-	1457NWPF-10
1457N1202BK		1457NWPF		1457NWPF-10