



Distribution Boxes

americanlite[®]

We light your world[™]

Distribution Boxes

Industrial Cubicle System with Mounting Plate IP65

Product Overview

The Americanlite® range of enclosures are the best available on the market. A well engineered project which has been continuously updated and improved has a wide range of possible variations, including 32 sizes in FE 40 sheet steel, 19 with glazed doors and 7 in ANSI 304 stainless steel.

Enclosures are available in portrait, landscape and 2 door configurations. The main characteristics of the Americanlite® box is the robust construction achieved by a careful mix of design, automated production system and top quality materials, including:

- High performance techno polymers used on locking systems and hinged pins. (Auto extinguishing to UL 94V0)
- Zinc allows for hinges.
- Thermosetting epoxy polyester powder coating for finishes.
- 2 component polyurethane for machine applied seal profile.
- Sheet steel.



Body and door manufactured in 1.5 to 2 mm steel sheet, RAL 7032 textured finish.

Mounting plate in 2 to 2.5 mm sheet steel, RAL 2004 smooth finish.

Locking system with 3mm double bar key.

The Americanlite® box has many distinctive features. Large cable entry (4 sizes) with removable, flush gland plates. Standard door mounted rails for fixing, trunking or wiring. Reversible door with screwed hinges on body. Gasket protection clip for transport and storage. The deep gutter profile on the edge of the body is instrumental in achieving a degree of protection to IP65, EN60 529 NEMA 4 on single door boxes and IP65 on 2 door versions. Four or six studs are fitted on Americanlite® boxes (except 150 deep), to facilitate the mounting of an inner door, modular chassis, rack frame or mounting plate adjusting brackets.

The optional accessories are sold separately as a kit, to increase flexibility and reduce the number of stock items. **ALPX** are similar to Americanlite® boxes with the addition of a 3 mm Plexiglas door fitted with the care that Americanlite® puts into all its products. The **ALSS** (stainless steel) boxes are constructed using the same concept as the Americanlite® range. Nuts, screws, hinge pins and lock levers are in stainless steel. The external satin finish gives the product a highly professional and good cosmetic appearance. All the boxes are covered in a polyethylene bag or are protected by a sheet before being placed in a cardboard carton, marked with identification codes.

Ordering Information (cms)

Series	Height			Width			Depth			Accessories
AL	20	30	40	20	25	30	15	20	25	IDK Inner door kit
ALPX (Plexiglass)	50	60	70	40	50	60	30			CY Canopy
ALSS (Stainless Steel)	80*	100	120	80*	100	120				MPAS Mounting plate adjustable supports
	140	160	180							

Custom Options

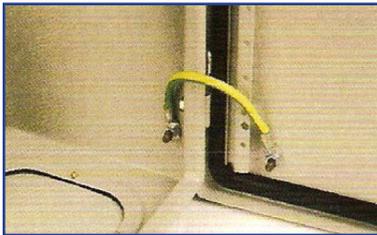
OTHER SIZES AVAILABLE, PLEASE CONSULT FACTORY

PL Private Label

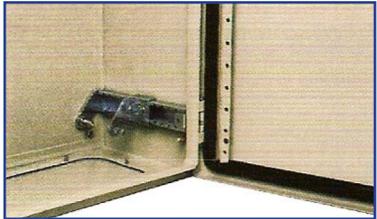
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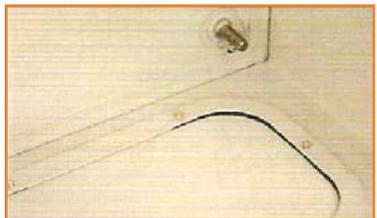
Product Detail



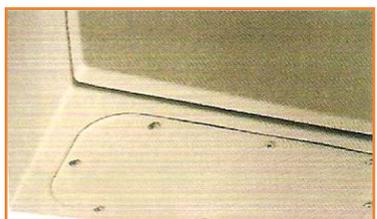
Earthing between body and door by means of M6x15 welded studs. Screwed hinges easily removed allowing changing of door opening direction.



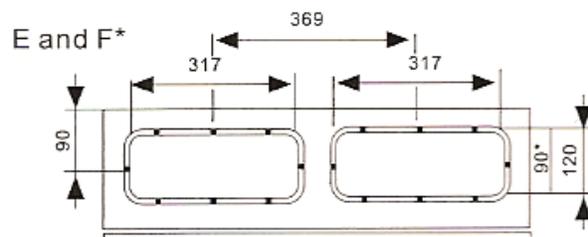
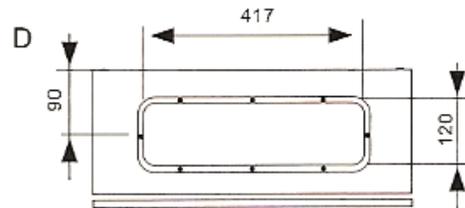
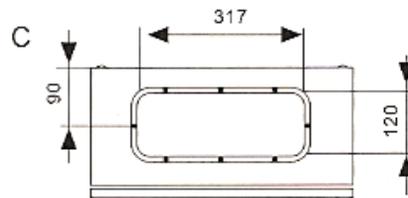
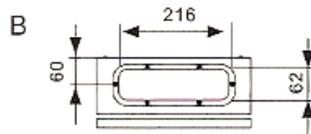
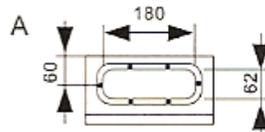
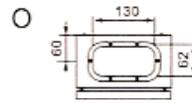
Mounting plate supports adjustable in depth every 12.5mm. Spare 4mm Ø hole for fixing of general equipment.



Detail of the back of the enclosure with 4 M8x25 studs welded for fixing of mounting plate. Holes for wall mounting blanked with plastic plugs.



Detail of recessed cable gland plate ensuring a flat surface



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Dimensions (mm)

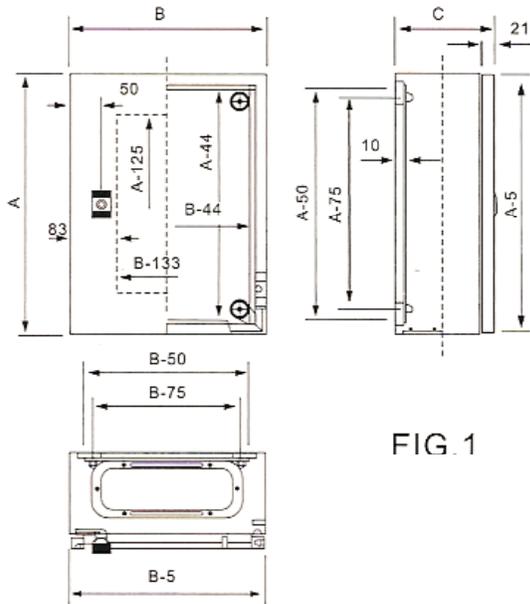


FIG. 1

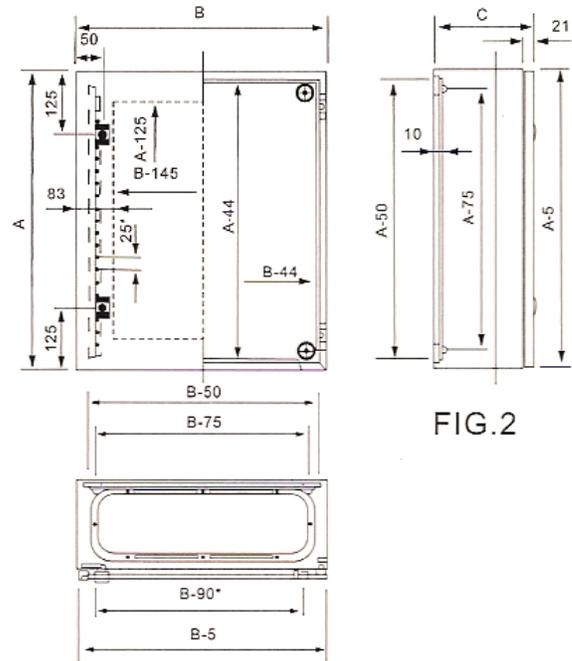


FIG. 2

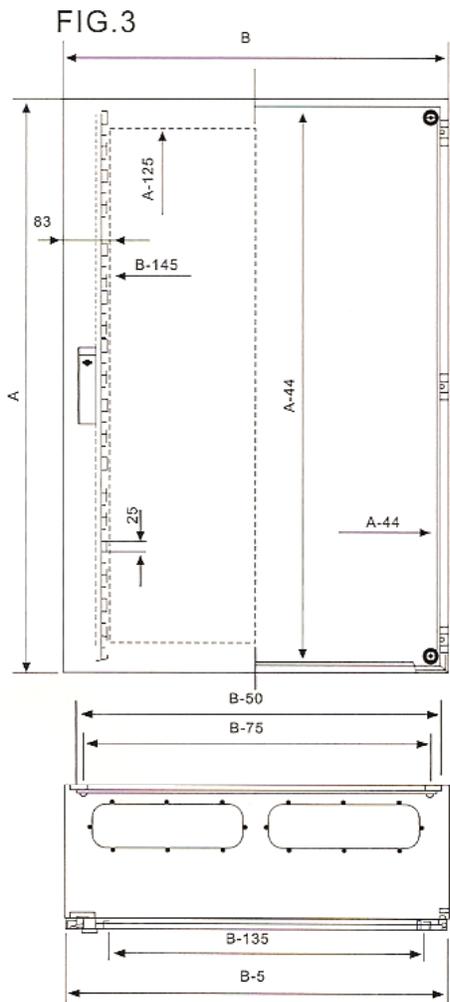


FIG. 3

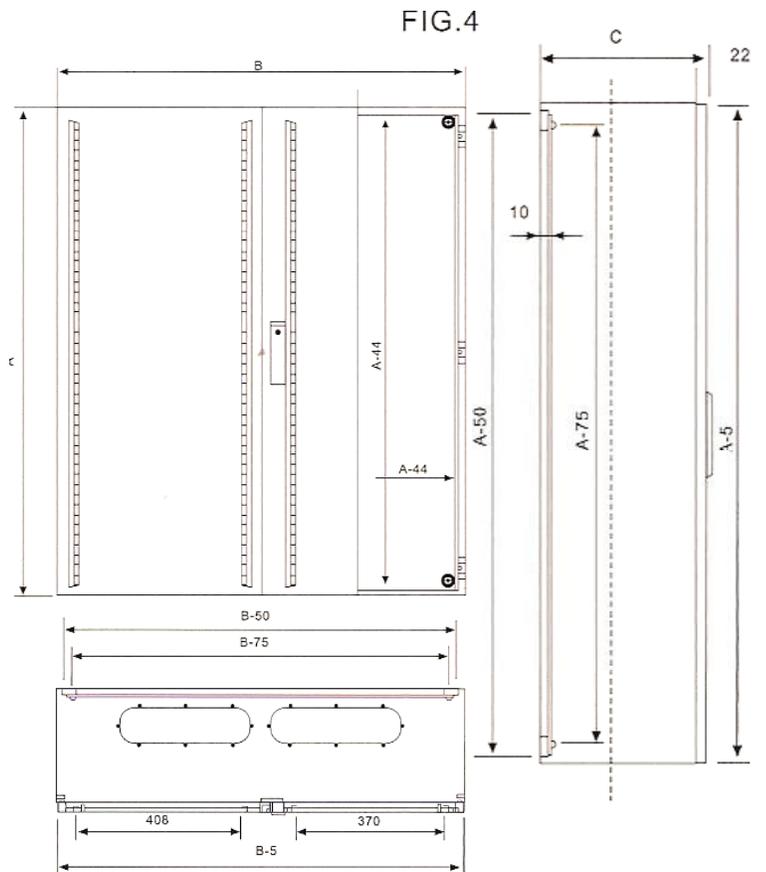


FIG. 4



Warranty

Americanlite® is pleased to provide a 3 year limited warranty covering the distribution boxes in this catalogue. Americanlite® warrants that the distribution boxes comply with Americanlite®'s published specifications and are free from defects in materials and workmanship.

All our distribution boxes are manufactured with approved components. Americanlite® reserves the right to change or improve the design or components of any of its products due to parts availability or changes in standards, without assuming any obligation to modify any product previously manufactured and without notice. All distribution boxes are tested and inspected before shipment.

This warranty is void if the product is operated outside of its normal operating conditions. The foregoing warranty does not apply to failures caused by acts of God or as a result of any abuse, misuse, abnormal use, or use in violation of any applicable standard, code or instructions for use in installations, including, but not limited to, those contained in the Standards for the International Electrotechnical Commission. Americanlite® reserves and has the right to examine failed fixtures to determine the cause of failure, excessive lumen depreciation and patterns of usage.