



Small Box Series 1220

Cover Options

See reverse for details of various cover and frame options.

Box Options

Product Top Extension 1220-6

Dimensions:

Inside	Outside	D
L/W 510/340	A/B 545/380	D 180
X/Y 570/400	E/F 610/440	

Product Box 1220-12

Dimensions:

Inside	Outside	D
L/W 505/340	A/B 545/380	D 315
X/Y 610/430	E/F 660/480	

Product Box 1220-15

Dimensions:

Inside	Outside	D
L/W 505/340	A/B 545/380	D 385
X/Y 640/475	E/F 695/525	

Product Box 1220-18 (not shown)

Dimensions:

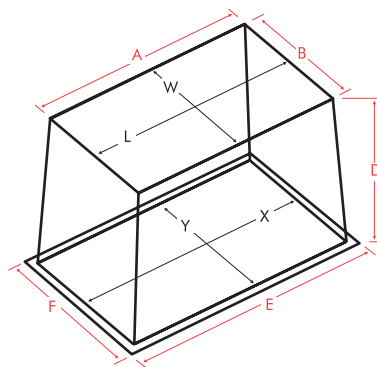
Inside	Outside	D
L/W 505/340	A/B 545/380	D 445
X/Y 645/475	E/F 695/525	

Bottom Plates/Floors

See reverse for details of bottom plates/floors and grate options.

Options & Accessories:

- 'Mouseholes' for pipe entry



Application Notes: Carson boxes are suitable for a wide range of applications, from grass verge (A15) to car park & footpath applications (B125). It is important to select the correct cover and frame and installation method to suit the loading and local conditions. Technical advice is available from Carson. These products are not designed for carriageway use. All dimensions to nearest 5mm. Due to our policy of continuous improvement, we reserve the right to change specifications without notice.



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Small Box Series 1220

Material Data

(Specification available on request)

Structural Foam – High Density Polyethylene

HDPE has excellent chemical resistance to ethanol, acetone, diesel etc. and is unaffected by sulfate ground conditions.

- Recyclable
- Robust – no breakage waste
- Completely impervious to water
- Nitrogen injection creates cellular core (CFC free)
- High strength to weight ratio
- High stiffness to weight ratio
- Easy to cut for duct entries

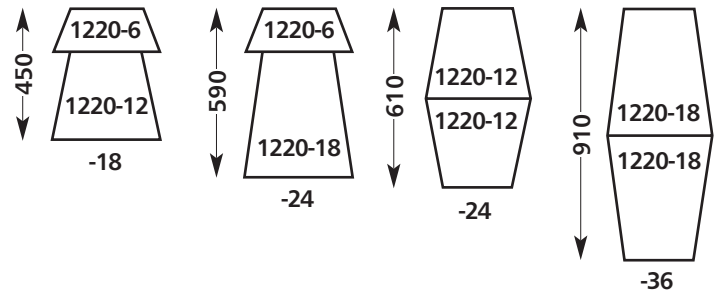
Properties of unfoamed resin	Test Method	HDPE
Tensile Strength	ISO 1926	21.37 - 37.92 N/mm ²
Flexural Modulus	ISO 1290 - 2	1103 - 1447 N/mm ²
Notched Izod Impact Strength	ISO 180 - 1A	270 - 800 J/M
Deflection Temperature	ISO 75 - 1	73 - 82°
Density	ISO 8962	0.955 g/cm ³
Chemical Resistance	–	Excellent
Water Absorption	–	None

Vertical Load Rating

When installed, meets the loading requirements of EN124 Class B125 i.e. 125kN (~12.5T) test load. Suitable for areas accessible to all slow moving traffic.



Other Depth Options



Cover and Frame Options

- HDPE (A15)
- Galvanised Steel T Cover
- Concrete Infill Cover & Galvanised Steel Frame (EN124 Class B125)
- Ductile Iron Cover & Frame (EN124 Class B125)

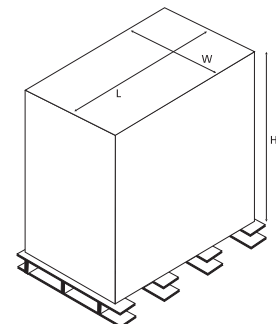
Other options available on request.

Base Options

- Duct and pipe entries can be provided to suit customer applications
- Bottom plates/floors and grates to protect or locate internal equipment can be provided.

Standard Shipping Configuration

	1220-6	1220-12	1220-15	1220-18	Base
#/pallet	28	44	60	40	200
L	1220	1220		1145	1400
W	1015	1015		1040	1040
H	1195	1195		1245	840



(The configuration shown can change to optimise transport utilisation.)

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