



QUALITY • SERVICE • FLEXIBILITY



ROADSIDE CABINETS &
TRANSFORMER HOUSINGS



SINGLE DOOR HOUSINGS



These cabinets are ideally suited to house and protect instrumentation and control panels, on a smaller scale. These smaller units are often supplied to Local Authorities, The Environment Agency, Network Rail and the MOD for a wide range of uses. Single door units are often offered with a choice of a cylinder night latch lock or a hasp & staple and can be pre-fitted with plywood backboard for mounting equipment.

Standard Cabinets are manufactured from Single Skin GRP (Glass Reinforced Polymer) using self-extinguishing fire retardant resin to Class 2 BS 476 Part 2. The Cabinets are low maintenance and non corrosive. Standard colours of stock cabinets available are BS 5252 14-C-39 Green and 10-A-07 Grey, though the full BS 5252 or RAL range is available.

FEEDER PILLAR



Cabinet	mm
Width	External 340
	Internal 330
Height	Maximum 860
Depth	External 210
	Internal 135
	Maximum (Top) 210
Door	Clear Width 240
	Clear Height 710
Sill	Height 95

METER CABINET



Cabinet	mm
Width	External 460
	Internal 450
Height	Maximum 615
Depth	External 300
	Internal 265
	Maximum (Top) 300
Door	Clear Width 370
	Clear Height 520
Sill	Height 45

TORBETTE



Cabinet	mm
Width	External 640
	Internal 630
Height	Maximum 910
Depth	External 300
	Internal 250
	Maximum (Top) 355
Door	Clear Width 490
	Clear Height 720
Sill	Height 80

DOUBLE TORBAY



Cabinet	mm
Width	External 640
	Internal 630
Height	Maximum 1135
Depth	External 530
	Internal 450
	Maximum (Top) 570
Door	Clear Width 490
	Clear Height 720
Sill	Height 300

TORBAY



Cabinet	mm
Width	External 640
	Internal 630
Height	Maximum 1135
Depth	External 300
	Internal 250
	Maximum (Top) 355
Door	Clear Width 490
	Clear Height 720
Sill	Height 300

TYPE P



Cabinet	mm
Width	External 630
	Internal 620
Height	Maximum 1165
Depth	External 370
	Internal 320
	Maximum (Top) 430
Door	Clear Width 485
	Clear Height 710
Sill	Height 300

TYPE R



Cabinet	mm
Width	External 900
	Internal 890
Height	Maximum 1175
Depth	External 330
	Internal 280
	Maximum (Top) 385
Door	Clear Width 750
	Clear Height 710
Sill	Height 290

TYPE S

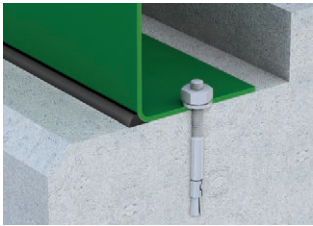


Cabinet	mm
Width	External 900
	Internal 890
Height	Maximum 1175
Depth	External 545
	Internal 500
	Maximum (Top) 600
Door	Clear Width 750
	Clear Height 710
Sill	Height 290

The full range of cabinets are available in Steel, standard construction is 2mm pre galvanised sheet and painted to BS or Ral range. 3mm and 5mm steel, Stainless Steel, Aluminium are available.

OPTIONAL FEATURES

- MOUNTING BOARD
- VENTILATION
- ADDITIONAL INSULATION
- NICEIC ELECTRICAL INSTALLATION
- STAINLESS STEEL DOOR FURNITURE
- INTEGRAL FLOORS
- MULTIPLE LOCK CHOICES
- VIEWING WINDOWS
- CAT FLAP AND GLAND PLATES



Installation

Standard units have an open base with an integral flange. Integral composite floors are available (standard on Type P, Torbette and Meter Cabinet). Standard fixing is through reinforced internal flanges by rawl bolts onto prepared concrete bases. Alternatively, most units can be wall mounted.



DOUBLE DOOR HOUSINGS



The Double Door range of cabinets are widely used within every major Water Authority, by the Power and Gas suppliers and used heavily within the Communications Industry.

All double door housings are supplied with tower bolts and the four larger kiosks in the range also have door-stays fitted as standard.

With a choice of cylinder night latch lock or a hasp & staple fitting, these kiosks can also be supplied with plywood back boards, basic electrical fitting and ventilation options.

Typical uses are in air quality monitoring, at pumping stations and for MCC protection nation wide.

TYPE O



Cabinet		mm
Width	External	1065
	Internal	1010
Height	Maximum	1270
	Minimum	1235
Depth	External	460
	Internal	400
	Maximum (Top)	530
Door	Clear Width	860
	Clear Height	860
Sill	Height	240

TYPE M



Cabinet		mm
Width	External	1065
	Internal	1010
Height	Maximum	1275
	Minimum	1220
Depth	External	660
	Internal	580
	Maximum (Top)	745
Door	Clear Width	860
	Clear Height	860
Sill	Height	240

TYPE J



Cabinet		mm
Width	External	1410
	Internal	1390
Height	Maximum	1515
	Minimum	1465
Depth	External	660
	Internal	605
	Maximum (Top)	775
Door	Clear Width	1165
	Clear Height	1220
Sill	Height	120

TYPE H



Cabinet		mm
Width	External	1760
	Internal	1730
Height	Maximum	1580
	Minimum	1540
Depth	External	790
	Internal	730
	Maximum (Top)	900
Door	Clear Width	1485
	Clear Height	1310
Sill	Height	70

TYPE G



Cabinet		mm
Width	External	2010
	Internal	1990
Height	Maximum	1585
	Minimum	1540
Depth	External	800
	Internal	740
	Maximum (Top)	910
Door	Clear Width	1730
	Clear Height	1305
Sill	Height	70

TYPE F



Cabinet		mm
Width	External	2010
	Internal	1980
Height	Maximum	2255
	Minimum	2215
Depth	External	1250
	Internal	1180
	Maximum (Top)	1360
Door	Clear Width	1735
	Clear Height*	2000
Sill	Height	45*

* denotes removable sill

TYPE E



Cabinet		mm
Width	External	2010
	Internal	1890
Height	Maximum	2255
	Minimum	2215
Depth	External	1750
	Internal	1680
	Maximum (Top)	1860
Door	Clear Width	1735
	Clear Height*	2000
Sill	Height	45*

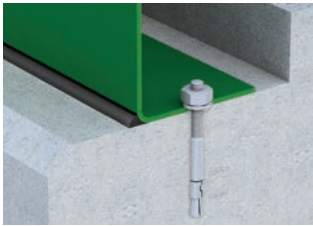
* denotes removable sill



The full range of cabinets are available in Steel, standard construction is 2mm pre galvanised sheet and painted to BS or Ral range. 3mm and 5mm steel, Stainless Steel, Aluminium are available. The steel kiosk range is offered in a full range of powder coated finishes.

OPTIONAL FEATURES

- MOUNTING BOARD
- VENTILATION
- ADDITIONAL INSULATION
- NICEIC ELECTRICAL INSTALLATION
- STAINLESS STEEL DOOR FURNITURE
- INTEGRAL FLOORS
- MULTIPLE LOCK CHOICES
- VIEWING WINDOWS
- CAT FLAP AND GLAND PLATES



Installation

Standard units have an open base with an integral flange. Integral composite floors are available (standard on Type P, Torbette and Meter Cabinet). Standard fixing is through reinforced internal flanges by rawl bolts onto prepared concrete bases. Alternatively, most units can be wall mounted.



TRANSFORMER HOUSINGS

The transformer housing has been specifically designed to be a robust but lightweight design. The housing incorporates high and low ventilation to disperse the heat emitted from the transformer; explosion-relieving roofs are optional.

The large double doors at the front give easy access and are fitted with a pad lockable two point lock system. The housing has been independently tested by the Building Research Establishment to ensure it meets the required criteria.

Transformer housings have many other uses; please call to discuss your requirements.

TR1



Cabinet	mm
Width	3112
Height	Nominal 2250
Depth	2264
Door	Clear Width 2900
	Clear Height 1720

TR2



Cabinet	mm
Width	3112
Height	Nominal 2250
Depth	1892
Door	Clear Width 2900
	Clear Height 1720

TR3



Cabinet	mm
Width	2500
Height	Nominal 2250
Depth	1892
Door	Clear Width 2290
	Clear Height 1720

TR4



Cabinet	mm
Width	1400
Height	Nominal 2150
Depth	1450
Door	Clear Width 1175
	Clear Height 1880

TR5



Cabinet	mm
Width	2500
Height	Nominal 2260
Depth	2800
Door	Clear Width 2290
	Clear Height 1720

TR6



Cabinet	mm
Width	2700
Height	Nominal 2275
Depth	2400
Door	Clear Width 2490
	Clear Height 1970

TR7



Cabinet	mm
Width	2800
Height	Nominal 2275
Depth	2800
Door	Clear Width 2390
	Clear Height 1720

TR8



Cabinet	mm
Width	1300
Height	Nominal 1725
Depth	1300
Door	Clear Width 1100
	Clear Height 1630

TR9



Cabinet	mm
Width	1800
Height	Nominal 2000
Depth	1700
Door	Clear Width 1590
	Clear Height 1720

In addition, on all housings apart from the TR8, it is possible to remove the door stays and gain an additional 40 mm on the clear height.

On all housings apart from the TR4, TR5 and TR8, it is possible to remove the door threshold and gain an additional 60 mm on the clear height for most of the door width.



Installation
Typical fixing down detail for Transformer range of enclosures



- Framework Partners to:
- EDF Energy - Power On Connect
 - Western Power Distribution - Wales - West and Central England Regions
 - Scottish and Southern Energy - Northern and Southern Region



Morgan Marine supply to the following:



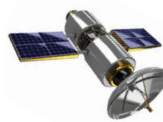
Water



Gas



Power



Telecommunications



Rail



Petro Chemical

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Morgan Titan
Approved to LPS 1175: Issue 7
Security Rating 2 and 3
Cert. No. 1051a/02



Hercules SAF SR3 & SR4
Doors and Modular Enclosures
Approved to LPS 1175: Issue 6 and 7
Security Ratings 2, 3 and 4
Cert. No. 953a/953b

