



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.

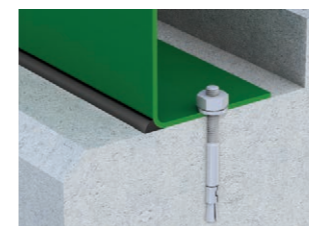
FEEDER PILLAR			METER CABINET			TORBETTE			DOUBLE TORBAY		
Cabinet	mm		Cabinet	mm		Cabinet	mm		Cabinet	mm	
Width	External	340	Width	External	460	Width	External	640	Width	External	640
	Internal	330		Internal	450		Internal	630		Internal	630
Height	Maximum	860	Height	Maximum	615	Height	Maximum	910	Height	Maximum	1135
Depth	External	210	Depth	External	300	Depth	External	300	Depth	External	530
	Internal	135		Internal	265		Internal	250		Internal	450
	Maximum (Top)	210		Maximum (Top)	300		Maximum (Top)	355		Maximum (Top)	570
Door	Clear Width	240	Door	Clear Width	370	Door	Clear Width	490	Door	Clear Width	490
	Clear Height	710		Clear Height	520		Clear Height	720		Clear Height	720
Sill	Height	95	Sill	Height	45	Sill	Height	80	Sill	Height	300

TORBAY			TYPE P			TYPE R			TYPE S		
Cabinet	mm		Cabinet	mm		Cabinet	mm		Cabinet	mm	
Width	External	640	Width	External	630	Width	External	900	Width	External	900
	Internal	630		Internal	620		Internal	890		Internal	890
Height	Maximum	1135	Height	Maximum	1165	Height	Maximum	1175	Height	Maximum	1175
Depth	External	300	Depth	External	370	Depth	External	330	Depth	External	545
	Internal	250		Internal	320		Internal	280		Internal	500
	Maximum (Top)	355		Maximum (Top)	430		Maximum (Top)	385		Maximum (Top)	600
Door	Clear Width	490	Door	Clear Width	485	Door	Clear Width	750	Door	Clear Width	750
	Clear Height	720		Clear Height	710		Clear Height	710		Clear Height	710
Sill	Height	300	Sill	Height	300	Sill	Height	290	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			TYPE M			TYPE J			TYPE H		
Cabinet	mm		Cabinet	mm		Cabinet	mm		Cabinet	mm	
Width	External	1065	Width	External	1065	Width	External	1410	Width	External	1760
	Internal	1010		Internal	1010		Internal	1390		Internal	1730
Height	Maximum	1270	Height	Maximum	1275	Height	Maximum	1515	Height	Maximum	1580
	Minimum	1235		Minimum	1220		Minimum	1465		Minimum	1540
Depth	External	460	Depth	External	660	Depth	External	660	Depth	External	790
	Internal	400		Internal	580		Internal	605		Internal	730
	Maximum (Top)	530		Maximum (Top)	745		Maximum (Top)	775		Maximum (Top)	900
Door	Clear Width	860	Door	Clear Width	860	Door	Clear Width	1165	Door	Clear Width	1485
	Clear Height	860		Clear Height	860		Clear Height	1220		Clear Height	1310
Sill	Height	240	Sill	Height	240	Sill	Height	120	Sill	Height	70

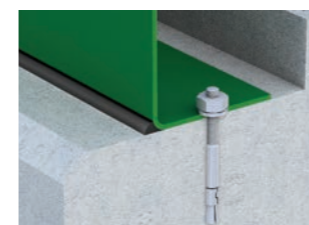
TYPE G			TYPE F			TYPE E		
Cabinet	mm		Cabinet	mm		Cabinet	mm	
Width	External	2010	Width	External	2010	Width	External	2010
	Internal	1990		Internal	1980		Internal	1890
Height	Maximum	1585	Height	Maximum	2255	Height	Maximum	2255
	Minimum	1540		Minimum	2215		Minimum	2215
Depth	External	800	Depth	External	1250	Depth	External	1750
	Internal	740		Internal	1180		Internal	1680
	Maximum (Top)	910		Maximum (Top)	1360		Maximum (Top)	1860
Door	Clear Width	1730	Door	Clear Width	1735	Door	Clear Width	1735
	Clear Height	1305		Clear Height*	2000		Clear Height*	2000
Sill	Height	70	Sill	Height	45*	Sill	Height	45*



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

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.



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 raw 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		TR2		TR3		TR4															
																					
Cabinet	mm	Cabinet	mm	Cabinet	mm	Cabinet	mm	Cabinet	mm	Cabinet	mm	Cabinet	mm	Cabinet	mm	Cabinet	mm	Cabinet	mm		
Width	3112	Width	3112	Width	2500	Width	1400	Width	2500	Width	2700	Width	2800	Width	1300	Width	1800	Width	1800	Width	1700
Height Nominal	2250	Height Nominal	2250	Height Nominal	2250	Height Nominal	2150	Height Nominal	2260	Height Nominal	2275	Height Nominal	2275	Height Nominal	1725	Height Nominal	2000	Height Nominal	2000	Height Nominal	1700
Depth	2264	Depth	1892	Depth	1892	Depth	1450	Depth	2800	Depth	2400	Depth	2800	Depth	1300	Depth	1700	Depth	1700	Depth	1700
Door	Clear Width Clear Height	Door	Clear Width Clear Height	Door	Clear Width Clear Height	Door	Clear Width Clear Height	Door	Clear Width Clear Height	Door	Clear Width Clear Height	Door	Clear Width Clear Height	Door	Clear Width Clear Height	Door	Clear Width Clear Height	Door	Clear Width Clear Height	Door	Clear Width Clear Height
	2900 1720		2900 1720		2290 1720		1175 1880		2290 1720		2490 1970		2390 1720		1100 1630		1590 1720		1590 1720		1590 1720

TR5		TR6	
Cabinet	mm	Cabinet	mm
Width	2500	Width	2700
Height Nominal	2260	Height Nominal	2275
Depth	2800	Depth	2400
Door	Clear Width Clear Height	Door	Clear Width Clear Height
	2290 1720		2490 1970



Installation
Typical fixing down detail for Transformer range of enclosures



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.

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:



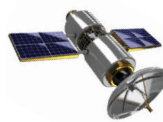
Water



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

