



This range of cabinets have been developed for industrial and outdoor applications. They are ideally suited to process control applications and can be fabricated in stainless steel.

## CONSTRUCTION

These cabinets are of continuous welded construction, fabricated entirely from steel, resulting in both an aesthetically pleasing and extremely robust cabinet.

## FINISH

The cabinets have a zinc phosphate pre-treatment and are finished in a powder coated finish, please refer to the inside rear cover for a selection of colours, or for an additional tinting charge can be supplied in your corporate colours.

## FEATURES

- Doors are hung on multiple hinges and secured in the closed position by a multipoint locking system, activated by semi-flush fitting, "lift & swing" key lockable handle. The entire hinge and locking system is located outside the gasketed cabinet front, ie these lock rods do not encroach into the working area of the cabinet. Further, as this complete hinge/lock system is symmetrical, rehanging a left hand door to right hand can be accomplished "on site" with the aid of just a screwdriver. The 6RU and 12RU cabinets have a single point lock and provision to reverse hang the door.
- Rack Mounting Angles are finished in black powder coat. Four are supplied as standard and are fully adjustable within the cabinet conforming to IEC 60297 practice.
- Cable Access to the cabinet is provided at the base where there are two 50 x 200mm cable entries fitted with protective gland plates. Alternative requirements should be discussed at the time of ordering.
- Lifting Eye Bolt provisions are made on all cabinets. Eye Bolt kits are ordered separately. Load capacity of 600kg can be achieved, but spreader bars must be used to meet this rating. (Refer to page 86 for details)
- Removable sides are fitted with security screws providing added protection within public areas, the cabinet also comes with a tool for panel removal if required.

## STANDARD CONFORMANCE

All standard 19" cabinets generally conform to IEC60297 19" standard. The Industrial Cabinet are being manufactured to conform to IP55 dust and moisture specifications subject to customer requirements. IP66 can be supplied at extra cost.

## STAINLESS STEEL OPTION

While mild steel is the standard material supplied, Stainless Steel is also an option, MFB work with different grades of stainless depending on the environment.

## CUSTOM FEATURES

Special punching requirements, the inclusion of special brackets, etc, can be readily undertaken. However, they are best undertaken prior to commencing manufacture.

## CUSTOM SIZES

Whilst we consider our range extensive, sometimes a special size is required. These will be willingly undertaken but may require a longer lead time.

## ACCESSORIES

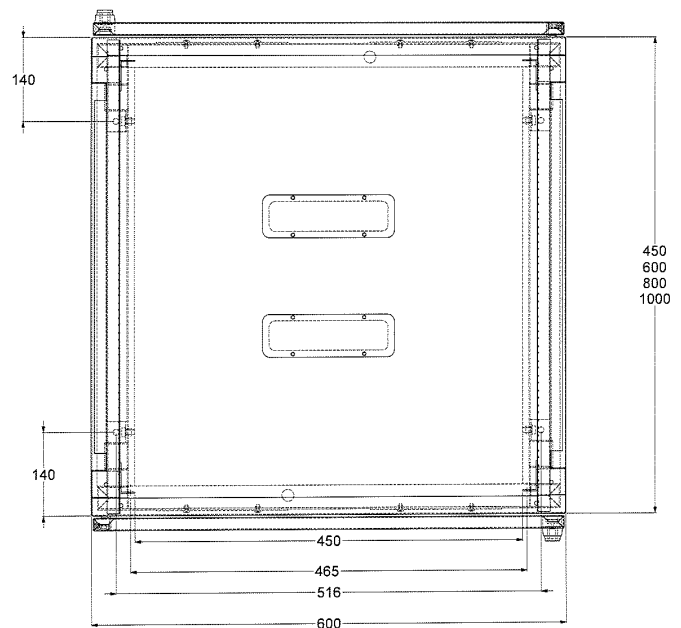
Most of MFB's standard rack accessories will fit without any modification. (See Accessories section).

## OPTIONS

- Glazed or metal doors can be specified.
- Gear Trays can be fitted, either full height or partial
- Plinth is 90mm high and incorporates leveling feet and bolt down brackets
- Weather Hoods are available for cabinets used Outdoors for additional protection
- Venting can be provided through the addition of louvring on the side panels, however the cabinet will no longer meet IP55 specification
- Fan units will consist of a housing box that is fixed inside the cabinet behind the louvring. Intake louvres are also required
- Vermin Protector screens can be used in conjunction with louvres to eliminate the entry of small insects
- All removable side panels are supplied with a security fittings and removal tool
- Acrylic doors available on request

## S280 CABINET FRAMES - 600MM WIDE

OVERALL			SUIT 1 DOOR SOLID SIDES		SUIT 2 DOORS SOLID SIDES		SUIT 1 DOOR AND REMOVABLE SIDES		SUIT 2 DOORS AND REMOVABLE SIDES	
RU	HEIGHT	DEPTH	CODE	WEIGHT	CODE	WEIGHT	CODE	WEIGHT	CODE	WEIGHT
6	397	450	02250-01	24	02251-01	26	02252-01	25	02253-01	27
		600	02250-07	29	02251-07	31	02252-07	30	02253-07	32
		800	02250-13	35	02251-13	37	02252-13	36	02253-13	38
12	664	450	02250-02	34	02251-02	37	02252-02	36	02253-02	39
		600	02250-08	40	02251-08	43	02252-08	42	02253-08	45
		800	02250-14	48	02251-14	51	02252-14	50	02253-14	53
18	930	450	02250-03	44	02251-03	48	02252-03	47	02253-03	51
		600	02250-09	51	02251-09	55	02252-09	54	02253-09	58
		800	02250-15	61	02251-15	65	02252-15	64	02253-15	68
27	1330	450	02250-04	60	02251-04	65	02252-04	64	02253-04	69
		600	02250-10	69	02251-10	74	02252-10	73	02253-10	78
		800	02250-16	81	02251-16	86	02252-16	85	02253-16	90
39	1864	450	02250-05	80	02251-05	87	02252-05	85	02253-05	92
		600	02250-11	92	02251-11	99	02252-11	97	02253-11	104
		800	02250-17	106	02251-17	113	02252-17	111	02253-17	118
45	2130	450	02250-06	90	02251-06	98	02252-06	96	02253-06	104
		600	02250-12	103	02251-12	111	02252-12	109	02253-12	117
		800	02250-18	120	02251-18	128	02252-18	126	02253-18	134
		1000	02250-36	135	02251-24	143	02252-36	141	02253-24	147



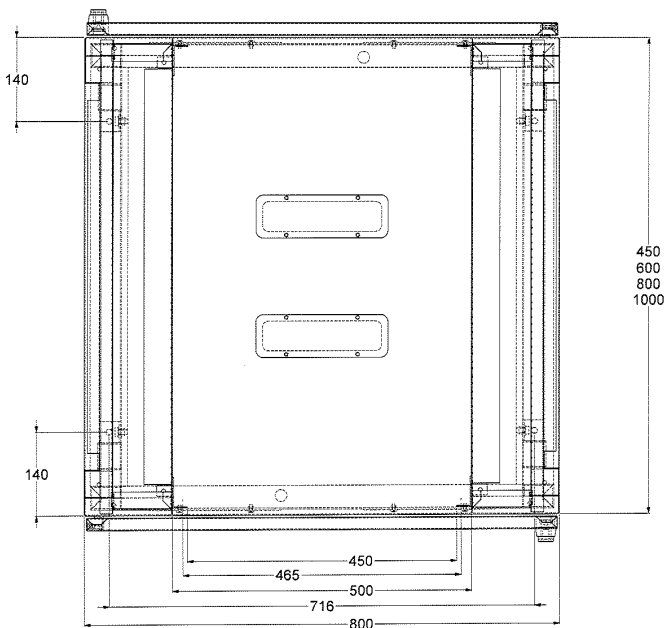
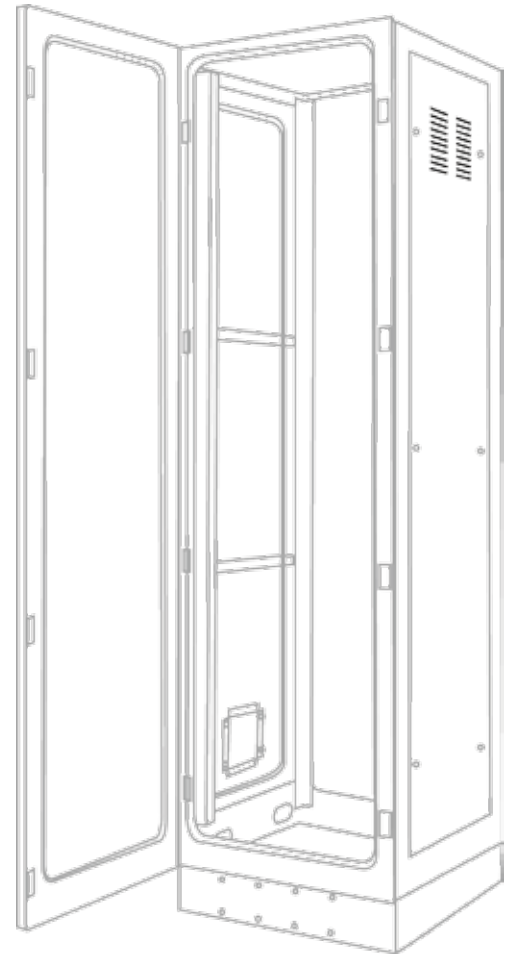
600 WIDE PLAN

## NOTES:

- Refer to accessory section for plinths, lifting eyes etc
- To establish overall depth of cabinet add 25mm for each door.
- Frame does not include doors or sides, these must be ordered separately.

**S280 CABINET FRAMES - 800MM WIDE**

OVERALL			SUIT 1 DOOR SOLID SIDES		SUIT 2 DOORS SOLID SIDES		SUIT 1 DOOR AND REMOVABLE SIDES		SUIT 2 DOORS AND REMOVABLE SIDES	
RU	HEIGHT	DEPTH	CODE	WEIGHT	CODE	WEIGHT	CODE	WEIGHT	CODE	WEIGHT
6	397	450	02250-50	26	02251-50	28	02252-50	27	02253-50	29
		600	02250-56	31	02251-56	33	02252-56	32	02253-56	34
		800	02250-62	37	02251-62	39	02252-62	38	02253-62	40
		1000	02250-68	44	02251-68	46	02252-68	45	02253-68	47
12	664	450	02250-51	36	02251-51	39	02252-51	38	02253-51	41
		600	02250-57	42	02251-57	45	02252-57	44	02253-57	47
		800	02250-63	50	02251-63	53	02252-63	52	02253-63	55
		1000	02250-69	62	02251-69	65	02252-69	64	02253-69	67
18	930	450	02250-52	46	02251-52	50	02252-52	49	02253-52	53
		600	02250-58	53	02251-58	57	02252-58	56	02253-58	60
		800	02250-64	63	02251-64	67	02252-64	66	02253-64	70
		1000	02250-70	83	02251-70	91	02252-70	90	02253-70	94
27	1330	450	02250-53	62	02251-53	67	02252-53	66	02253-53	71
		600	02250-59	71	02251-59	76	02252-59	75	02253-59	80
		800	02250-65	83	02251-65	88	02252-65	87	02253-65	92
		1000	02250-71	95	02251-71	99	02252-71	98	02253-71	102
39	1864	450	02250-54	82	02251-54	89	02252-54	87	02253-54	94
		600	02250-60	94	02251-60	101	02252-60	99	02253-60	106
		800	02250-66	108	02251-66	115	02252-66	113	02253-66	120
		1000	02250-72	120	02251-72	127	02252-72	125	02253-72	132
45	2130	450	02250-55	92	02251-55	100	02252-55	98	02253-55	106
		600	02250-61	105	02251-61	113	02252-61	111	02253-61	119
		800	02250-67	122	02251-67	130	02252-67	128	02253-67	136
		1000	02250-73	137	02251-73	145	02252-73	143	02253-73	149



800 WIDE PLAN

**LOUVRES**

Louvres are used in conjunction with fan units and filters. Can be positioned in door or side panels, in groups according to the air flow requirements.

**GLAND PLATES**

To suit opening 200 x 50mm



**GLAND PLATES**

TYPE	CODE
GLAND PLATES	12189-01

S280 CABINET SIDE PANELS

RU	DEPTH	PLAIN CODE	LOUVRES IN TOP TO SUIT 1 FAN	LOUVRES IN TOP TO SUIT 2 FAN	LOUVRES IN TOP TO SUIT 4 FAN	LOUVRES IN BOTTOM TO SUIT 1 FAN	LOUVRES IN BOTTOM TO SUIT 2 FAN	LOUVRES IN BOTTOM TO SUIT 4 FAN	CUTOUT TO SUIT 320WATT AIR CONDITIONER	CUTOUT TO SUIT 500WATT AIR CONDITIONER	CUTOUT TO SUIT 600WATT AIR CONDITIONER	CUTOUT TO SUIT 1100WATT AIR CONDITIONER	CUTOUT TO SUIT 1500WATT AIR CONDITIONER
6	450	02084-01	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	600	02084-07	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	800	02084-13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	450	02084.02	02086.09	N/A	N/A	02086.58	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	600	02084.08	02086.10	N/A	N/A	02086.59	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	800	02084.14	02086.11	02086.12	02086.13	02086.60	02086.61	02086.62	N/A	N/A	N/A	N/A	N/A
	1000	02084.21	02086.38	02086.39	02086.40	02086.87	02086.88	02086.89	N/A	N/A	N/A	N/A	N/A
18	450	02084.03	02086.01	02086.04	N/A	02086.50	02086.53	N/A	N/A	N/A	N/A	N/A	N/A
	600	02084.09	02086.02	02086.05	02086.07	02086.51	02086.54	02086.56	02084.30	02084.38	N/A	N/A	N/A
	800	02084.15	02086.03	02086.06	02086.08	02086.52	02086.55	02086.57	02084.31	2084.39	N/A	N/A	N/A
	1000	02084.22	02086.41	02086.42	02086.43	02086.90	02086.91	02086.92	02084.60	02084.64	N/A	N/A	N/A
27	450	02084.04	02086.14	02086.17	N/A	02086.63	02086.66	N/A	N/A	N/A	N/A	N/A	N/A
	600	02084.10	02086.15	02086.18	02086.20	02086.64	02086.67	02086.69	02084.32	02084.40	02084.46	N/A	N/A
	800	02084.16	02086.16	02086.19	02086.21	02086.65	02086.68	02086.70	02084.33	02084.41	02084.47	N/A	N/A
	1000	02084.23	02086.44	02086.45	02086.46	02086.93	02086.94	02086.95	02084.61	02084.65	02084.69	N/A	N/A
39	450	02084.05	02086.22	02086.25	N/A	02086.71	02086.74	N/A	N/A	N/A	N/A	N/A	N/A
	600	02084.11	02086.23	02086.26	02086.28	02086.72	02086.75	02086.77	02084.34	02084.42	02084.48	02084.52	02084.56
	800	02084.17	02086.24	02086.27	02086.29	02086.73	02086.76	02086.78	02084.35	02084.43	02084.49	02084.53	02084.57
	1000	02084.24	02086.47	02086.48	02086.49	02086.96	02086.97	02086.98	02084.62	02084.67	02084.70	02084.72	02084.74
45	450	02084.06	02086.30	02086.33	N/A	02086.79	02086.82	N/A	N/A	N/A	N/A	N/A	N/A
	600	02084.12	02086.31	02086.34	02086.36	02086.80	02086.83	02086.85	02084.36	02084.44	02084.50	02084.54	02084.58
	800	02084.18	02086.32	02086.35	02086.37	02086.81	02086.84	02086.86	02084.37	02084.45	02084.51	02084.55	02084.59
	1000	02084.25	02086.102	02086.103	02086.104	02086.99	02086.100	02086.101	02084.63	02084.68	02084.71	02084.73	02084.75



INDUSTRIAL CABINET SHOWN WITH OPTIONAL SEIFERT AIRCONDITIONER. PLEASE REFER TO PAGE 79 FOR ADDITIONAL INFORMATION.

### S280 CABINET DOORS - 600MM

RU	METAL CODE	GLASS CODE
6	02080-01	02080-02
12	02080-03	02080-04
18	02080-05	02080-06
27	02080-07	02080-08
39	02080-09	02080-10
45	02080-11	02080-12

### S280 CABINET DOORS - 800MM

RU	METAL CODE	GLASS CODE
6	02080-20	02080-21
12	02080-22	02080-23
18	02080-24	02080-25
27	02080-26	02080-27
39	02080-28	02080-29
45	02080-30	02080-31

### S280 CABINET PLINTHS - 600MM

DEPTH	PLAIN CODE	VENTED CODE
450	02081-01	02081-04
600	02081-02	02081-05
800	02081-03	02081-06
1000	02081-30	02081-29

### S280 CABINET WEATHER HOODS - 600MM

DEPTH	SUIT 1 DOOR CODE	SUIT 2 DOORS CODE
450	02082-01	02082-10
600	02082-02	02082-11
800	02082-03	02082-12
1000	02082-08	02082-09

### S280 CABINET PLINTHS - 800MM

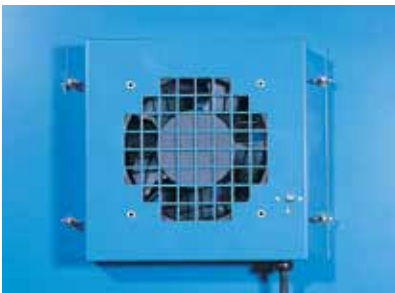
DEPTH	PLAIN CODE	VENTED CODE
450	02081-07	02081-10
600	02081-08	02081-11
800	02081-09	02081-12
1000	02081-33	02081-32

### S280 CABINET WEATHER HOODS - 800MM

DEPTH	SUIT 1 DOOR CODE	SUIT 2 DOORS CODE
450	02082-04	02082-13
600	02082-05	02082-14
800	02082-06	02082-15
1000	02082-07	02082-16

## FAN UNIT

Comprises of bracket, fan, lead and plug fully wired.

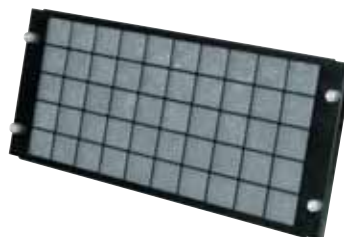


### FAN UNITS

TYPE	CODE
1 FAN	02708-01
2 FANS	02708-03
4 FANS	02708-04

## REMOVABLE FILTERS / INSECT SCREENS

Removable Filters can be used in conjunction with louvres to assist with the prevention of dust entering the Cabinet. Similarly, they stop insects entering the cabinet. The unit is easily cleaned and can be replaced if needed.



### REMOVABLE FILTERS

SIZE	CODE
1 FAN	03006-01
2 FANS	03006-03
4 FANS	03006-04

Note: 4fan filter uses 2 x 2fan filters.