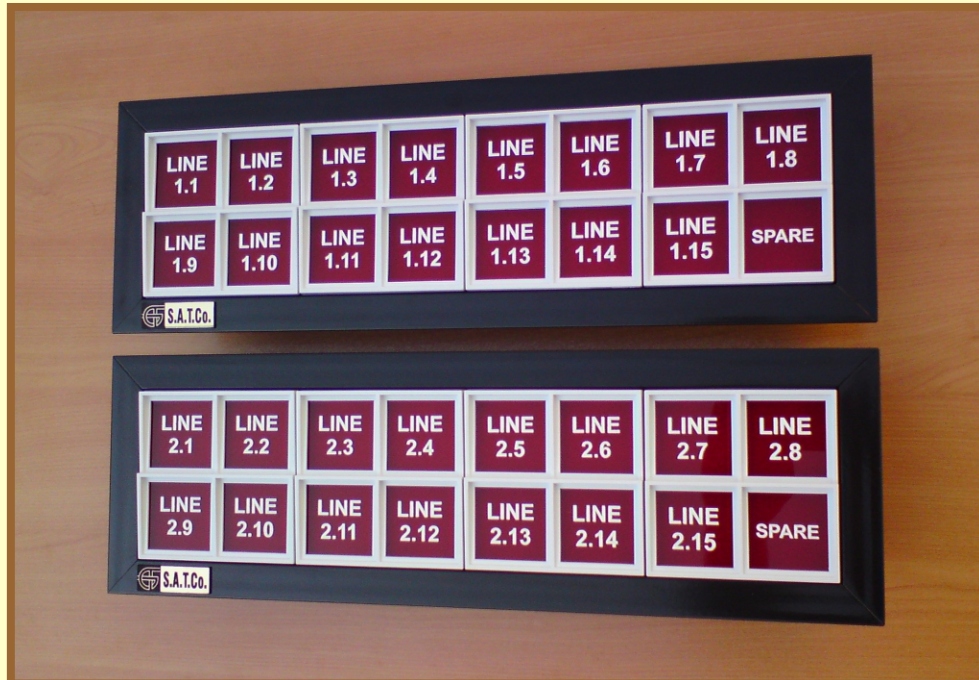


LED BOXES DISPLAY

Series LB-PM
Panel Mounting Type





SYSTEM

Enclosures

The series LB-PM panel mounting LED Boxes provide maximum flexibility in terms of future expansion, intermix of window sizes and LED test capabilities.

The units feature plug in modules with twelve window sizes, diode gated LED test for dc voltages, and relay type for ac voltages.

Colored bezels and nameplates of plant location or functions and level of priorities of alarm.

Integral pushbutton modules can be installed for LED test and operating controls for remote annunciator logic.

Two isolated screw terminals are supplied for each window for direct external connection or factory wiring to cabinet mounted multipin connectors .This allows interface via multi conductor cables to the driver logic .

Each window is illuminated by two, three, ..., And sixteen LED for increased reliability and uniform light distribution.

Series LB-PM/100

Panel Mounting Type

Technical Specification

System Size:

Basic Cabinet Module
89 mm (3.5 inch) x 89 mm (3.5 inch)
For Detailed Sizes
Depth Fixed 46 mm (1.8 inch)

Cell Size:

Each Cell 76.2 x 76.2 mm (W x H)

Illumination:

Each Cell twenty White LEDs

Supply Voltage:

12V, 24V, 48V, 115V, 230V (AC/DC)

Window Illumination Current:

Each Cell 30 mA

Legends:

Engraving or Laser Printed

Nameplate Colors:

White, Red, Green, Yellow, Blue and Amber

Bezel Colors:

Black, Dark Grey, Light Grey, Red,
Blue, Green, Yellow, Orange and White

Terminals:

Two-part Removable Screw Type
Maximum Wire Size 12 AWG (2.5 mm²)

Push button Modules:

Integral Push button Modules
Offered as an Option

Protection:

Front of Panel IP41
Rear of Enclosure IP20
Optional Covers and Enclosures to Protect
from IP54 to IP65

Temperature Range:

Operating 0 to +60 C°
Storage -20 C to 80 C°

Humidity:

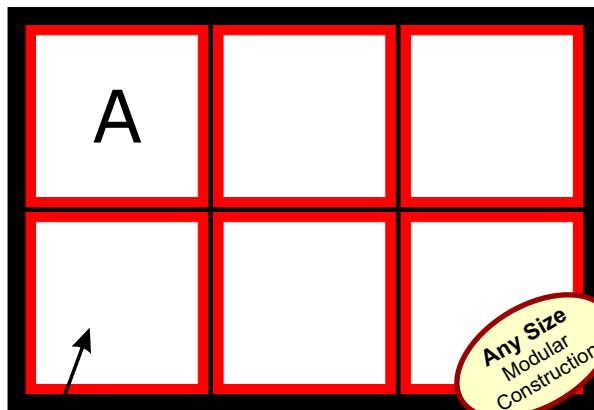
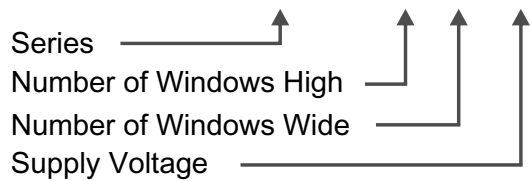
0 - 95% RH non-condensing.

Weight:

Approximately 0.2kg per Cell 3.5 x 3.5 inch

ORDERING CODE

LB-PM100 - 02 03 / 24



76.2 mm Wide x 76.2 mm High
Per Cell Alarm Window

Look up
Page 14

Series LB-PM/200

Panel Mounting Type

Technical Specification

System Size:

Basic Cabinet Module
89 mm (3.5 inch) x 89 mm (3.5 inch)
For Detailed Sizes
Depth Fixed 46 mm (1.8 inch)

Cell Size:

Each Cell 76.2 x 35.5 mm (W x H)

Illumination:

Each Cell ten White LEDs

Supply Voltage:

12V, 24V, 48V, 115V, 230V (AC/DC)

Window Illumination Current:

Each Cell 30 mA

Legends:

Engraving or Laser Printed

Nameplate Colors:

White, Red, Green, Yellow, Blue and Amber

Bezel Colors:

Black, Dark Grey, Light Grey, Red,
Blue, Green, Yellow, Orange and White

Terminals:

Two-part Removable Screw Type
Maximum Wire Size 12 AWG (2.5 mm²)

Push button Modules:

Integral Push button Modules
Offered as an Option

Protection:

Front of Panel IP41
Rear of Enclosure IP20
Optional Covers and Enclosures to Protect
from IP54 to IP65

Temperature Range:

Operating 0 to +60 C°
Storage -20 C to 80 C°

Humidity:

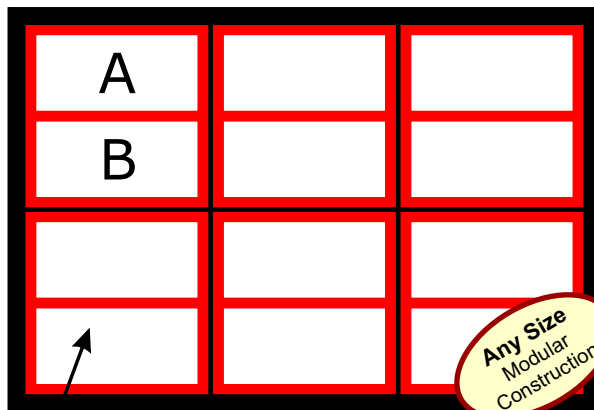
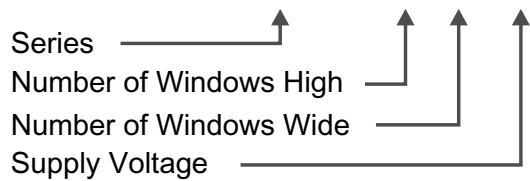
0 - 95% RH non-condensing.

Weight:

Approximately 0.2kg per Cell 3.5 x 3.5 inch

ORDERING CODE

LB-PM200 - 04 03 / 24



76.2 mm Wide x 35.5 mm High
Per Cell Alarm Window

Look up
Page 15



Series LB-PM/300

Panel Mounting Type

Technical Specification

System Size:

Basic Cabinet Module
89 mm (3.5 inch) x 89 mm (3.5 inch)
For Detailed Sizes
Depth Fixed 46 mm (1.8 inch)

Cell Size:

Each Cell 76.2 x 21 mm (W x H)

Illumination:

Each Cell five White LEDs

Supply Voltage:

12V, 24V, 48V, 115V, 230V (AC/DC)

Window Illumination Current:

Each Cell 15 mA

Legends:

Engraving or Laser Printed

Nameplate Colors:

White, Red, Green, Yellow, Blue and Amber

Bezel Colors:

Black, Dark Grey, Light Grey, Red,
Blue, Green, Yellow, Orange and White

Terminals:

Two-part Removable Screw Type
Maximum Wire Size 12 AWG (2.5 mm²)

Push button Modules:

Integral Push button Modules
Offered as an Option

Protection:

Front of Panel IP41
Rear of Enclosure IP20
Optional Covers and Enclosures to Protect
from IP54 to IP65

Temperature Range:

Operating 0 to +60 C°
Storage -20 C to 80 C°

Humidity:

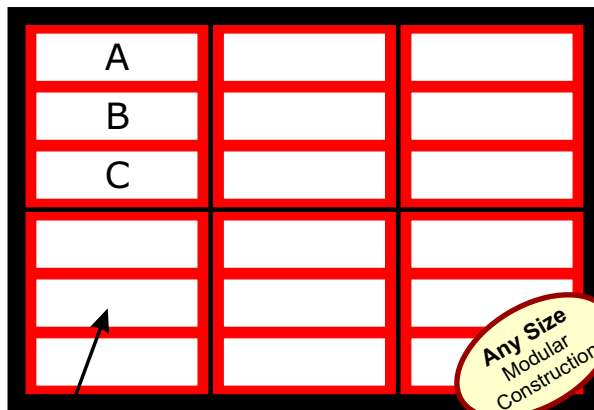
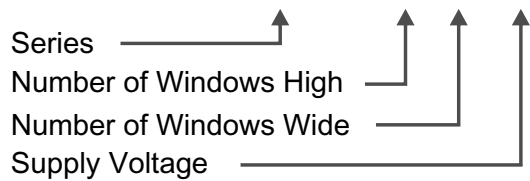
0 - 95% RH non-condensing.

Weight:

Approximately 0.2kg per Cell 3.5 x 3.5 inch

ORDERING CODE

LB-PM300 - 06 03 / 24



76.2 mm Wide x 21 mm High
Per Cell Alarm Window

Look up
Page 16

Series LB-PM/400

Panel Mounting Type

Technical Specification

System Size:

Basic Cabinet Module
89 mm (3.5 inch) x 89 mm (3.5 inch)
For Detailed Sizes
Depth Fixed 46 mm (1.8 inch)

Cell Size:

Each Cell 35.5 x 35.5 mm (W x H)

Illumination:

Each Cell four White LEDs

Supply Voltage:

12V, 24V, 48V, 115V, 230V (AC/DC)

Window Illumination Current:

Each Cell 15 mA

Legends:

Engraving or Laser Printed

Nameplate Colors:

White, Red, Green, Yellow, Blue and Amber

Bezel Colors:

Black, Dark Grey, Light Grey, Red,
Blue, Green, Yellow, Orange and White

Terminals:

Two-part Removable Screw Type
Maximum Wire Size 12 AWG (2.5 mm²)

Push button Modules:

Integral Push button Modules
Offered as an Option

Protection:

Front of Panel IP41
Rear of Enclosure IP20
Optional Covers and Enclosures to Protect
from IP54 to IP65

Temperature Range:

Operating 0 to +60 C°
Storage -20 C to 80 C°

Humidity:

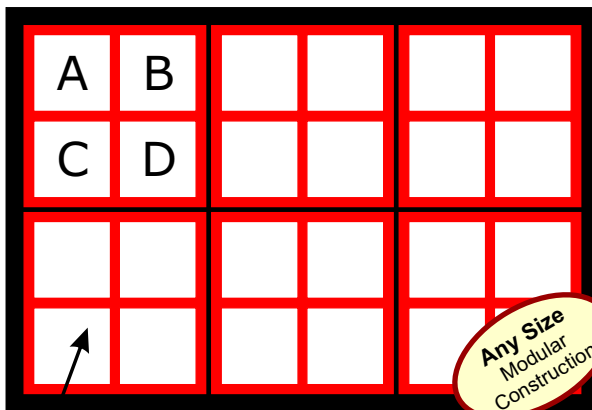
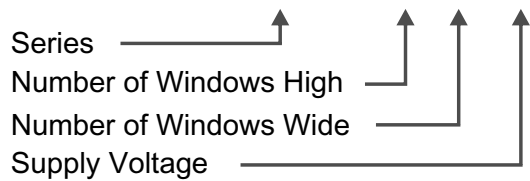
0 - 95% RH non-condensing.

Weight:

Approximately 0.2kg per Cell 3.5 x 3.5 inch

ORDERING CODE

LB-PM400 - 04 06 / 24



35.5 mm Wide x 35.5 mm High
Per Cell Alarm Window

Look up
Page 17

Series LB-PM/600

Panel Mounting Type

Technical Specification

System Size:

Basic Cabinet Module
89 mm (3.5 inch) x 89 mm (3.5 inch)
For Detailed Sizes
Depth Fixed 46 mm (1.8 inch)

Cell Size:

Each Cell 37.5 x 21 mm (W x H)

Illumination:

Each Cell three White LEDs

Supply Voltage:

12V, 24V, 48V, 115V, 230V (AC/DC)

Window Illumination Current:

Each Cell 15 mA

Legends:

Engraving or Laser Printed

Nameplate Colors:

White, Red, Green, Yellow, Blue and Amber

Bezel Colors:

Black, Dark Grey, Light Grey, Red,
Blue, Green, Yellow, Orange and White

Terminals:

Two-part Removable Screw Type
Maximum Wire Size 12 AWG (2.5 mm²)

Push button Modules:

Integral Push button Modules
Offered as an Option

Protection:

Front of Panel IP41
Rear of Enclosure IP20
Optional Covers and Enclosures to Protect
from IP54 to IP65

Temperature Range:

Operating 0 to +60 C°
Storage -20 C to 80 C°

Humidity:

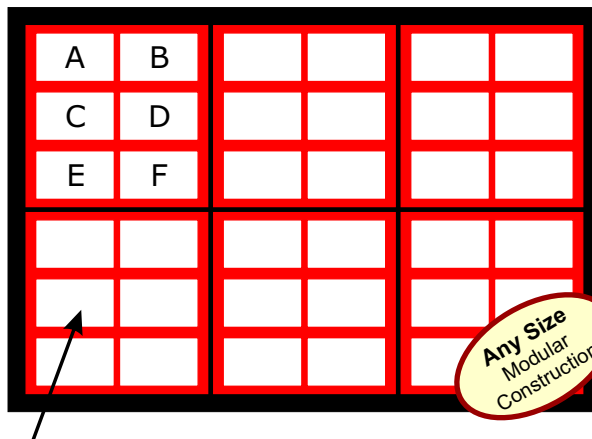
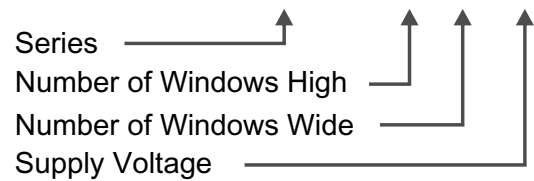
0 - 95% RH non-condensing.

Weight:

Approximately 0.2kg per Cell 3.5 x 3.5 inch

ORDERING CODE

LB-PM600 - 06 06 / 24



37.5 mm Wide x 21 mm High
Per Cell Alarm Window

Look up
Page 18

Series LB-PM/600H

Panel Mounting Type

Technical Specification

System Size:

Basic Cabinet Module
89 mm (3.5 inch) x 89 mm (3.5 inch)
For Detailed Sizes
Depth Fixed 46 mm (1.8 inch)

Cell Size:

Each Cell 76.2 x 10 mm (W x H)

Illumination:

Each Cell five White LEDs

Supply Voltage:

12V, 24V, 48V, 115V (AC/DC)

Window Illumination Current:

Each Cell 15 mA

Legends:

Engraving or Laser Printed

Nameplate Colors:

White, Red, Green, Yellow, Blue and Amber

Bezel Colors:

Black, Dark Grey, Light Grey, Red,
Blue, Green, Yellow, Orange and White

Terminals:

Two-part Removable Screw Type
Maximum Wire Size 12 AWG (2.5 mm²)

Push button Modules:

Integral Push button Modules
Offered as an Option

Protection:

Front of Panel IP41
Rear of Enclosure IP20
Optional Covers and Enclosures to Protect
from IP54 to IP65

Temperature Range:

Operating 0 to +60 C°
Storage -20 C to 80 C°

Humidity:

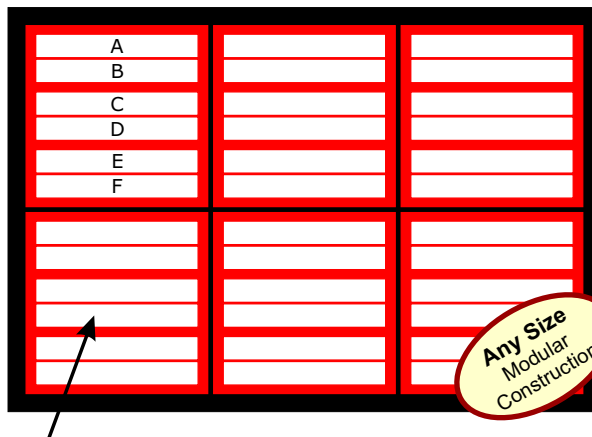
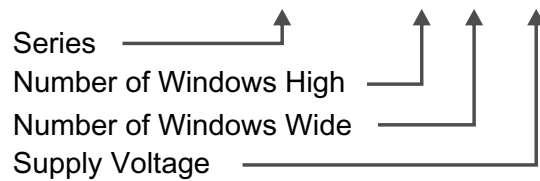
0 - 95% RH non-condensing.

Weight:

Approximately 0.2kg per Cell 3.5 x 3.5 inch

ORDERING CODE

LB-PM600H - 12 03 / 24



76.2 mm Wide x 10 mm High
Per Cell Alarm Window

Look up
Page 19

Series LB-PM/800

Panel Mounting Type

Technical Specification

System Size:

Basic Cabinet Module
89 mm (3.5 inch) x 89 mm (3.5 inch)
For Detailed Sizes
Depth Fixed 46 mm (1.8 inch)

Cell Size:

Each Cell 35.5 x 17.3 mm (W x H)

Illumination:

Each Cell three White LEDs

Supply Voltage:

12V, 24V, 48V, 115V, 230V (AC/DC)

Window Illumination Current:

Each Cell 15 mA

Legends:

Engraving or Laser Printed

Nameplate Colors:

White, Red, Green, Yellow, Blue and Amber

Bezel Colors:

Black, Dark Grey, Light Grey, Red,
Blue, Green, Yellow, Orange and White

Terminals:

Two-part Removable Screw Type
Maximum Wire Size 12 AWG (2.5 mm²)

Push button Modules:

Integral Push button Modules
Offered as an Option

Protection:

Front of Panel IP41
Rear of Enclosure IP20
Optional Covers and Enclosures to Protect
from IP54 to IP65

Temperature Range:

Operating 0 to +60 C°
Storage -20 C to 80 C°

Humidity:

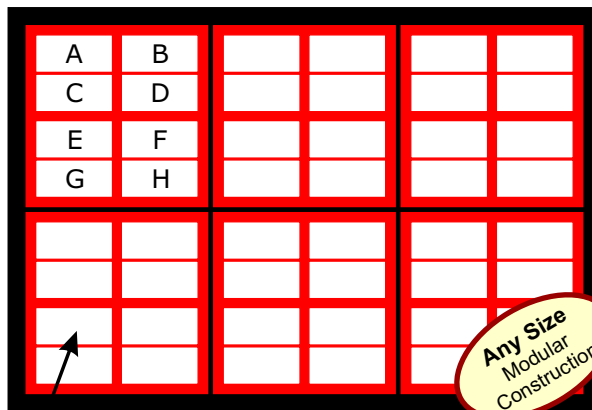
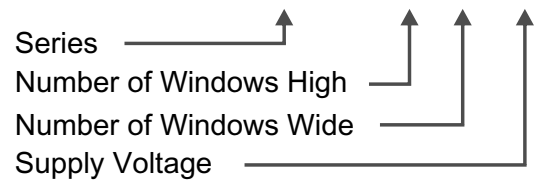
0 - 95% RH non-condensing.

Weight:

Approximately 0.2kg per Cell 3.5 x 3.5 inch

ORDERING CODE

LB-PM800 - 08 06 / 24



35.5 mm Wide x 17.3 mm High
Per Cell Alarm Window

Look up
Page 20

Series LB-PM/900

Panel Mounting Type

Technical Specification

System Size:

Basic Cabinet Module
89 mm (3.5 inch) x 89 mm (3.5 inch)
For Detailed Sizes
Depth Fixed 46 mm (1.8 inch)

Cell Size:

Each Cell 25 x 21 mm (W x H)

Illumination:

Each Cell two White LEDs

Supply Voltage:

12V, 24V, 48V, 115V, 230V (AC/DC)

Window Illumination Current:

Each Cell 15 mA

Legends:

Engraving or Laser Printed

Nameplate Colors:

White, Red, Green, Yellow, Blue and Amber

Bezel Colors:

Black, Dark Grey, Light Grey, Red,
Blue, Green, Yellow, Orange and White

Terminals:

Two-part Removable Screw Type
Maximum Wire Size 12 AWG (2.5 mm²)

Push button Modules:

Integral Push button Modules
Offered as an Option

Protection:

Front of Panel IP41
Rear of Enclosure IP20
Optional Covers and Enclosures to Protect
from IP54 to IP65

Temperature Range:

Operating 0 to +60 C°
Storage -20 C to 80 C°

Humidity:

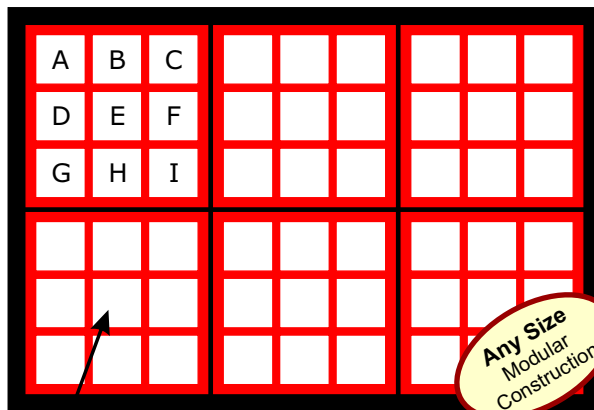
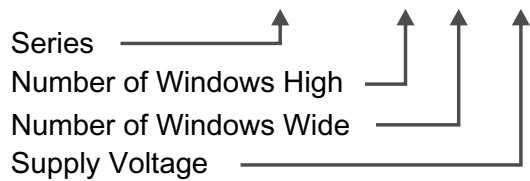
0 - 95% RH non-condensing.

Weight:

Approximately 0.2kg per Cell 3.5 x 3.5 inch

ORDERING CODE

LB-PM900 - 06 09 / 24



25 mm Wide x 21 mm High
Per Cell Alarm Window

Look up
Page 21

Series LB-PM/2400

Panel Mounting Type

Technical Specification

System Size:

Basic Cabinet Module
89 mm (3.5 inch) x 89 mm (3.5 inch)
For Detailed Sizes
Depth Fixed 46 mm (1.8 inch)

Cell Size:

Each Cell 18.5 x 10 mm (W x H)

Illumination:

Each Cell two White LEDs

Supply Voltage:

12V, 24V, 48V (DC)

Window Illumination Current:

Each Cell 15 mA

Legends:

Engraving or Laser Printed

Nameplate Colors:

White, Red, Green, Yellow, Blue and Amber

Bezel Colors:

Black, Dark Grey, Light Grey, Red,
Blue, Green, Yellow, Orange and White

Terminals:

Two-part Removable Screw Type
Maximum Wire Size 12 AWG (2.5 mm²)

Push button Modules:

Integral Push button Modules
Offered as an Option

Protection:

Front of Panel IP41
Rear of Enclosure IP20
Optional Covers and Enclosures to Protect
from IP54 to IP65

Temperature Range:

Operating 0 to +60 C°
Storage -20 C to 80 C°

Humidity:

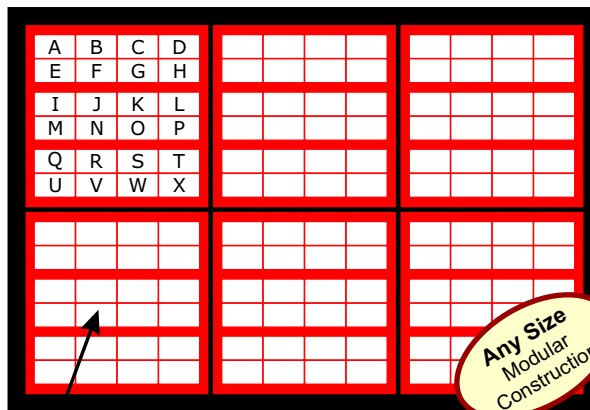
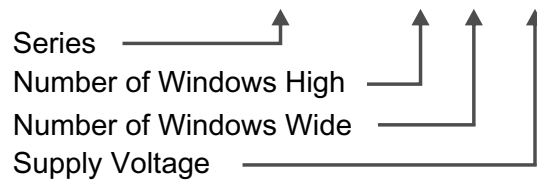
0 - 95% RH non-condensing.

Weight:

Approximately 0.2kg per Cell 3.5 x 3.5 inch

ORDERING CODE

LB-PM2400 - 12 12 / 24



18.5 mm Wide x 10 mm High
Per Cell Alarm Window

Look up
Page 25



Table Layout (Series LB-PM/100)

Number of Windows High	Number of Windows Wide																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20											
2	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40											
3	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60											
4	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80											
5	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100											
6						36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132									
7							49	56	63	70	77	84	91	98	105	112	119	126	133	140	147	154									
8							64	72	80	88	96	104	112	120	128	136	144	152	160	168	176	184	192								
9								81	90	99	108	117	126	135	144	153	162	171	180	189	198	207	216								
10									100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260						
11										121	132	143	154	165	176	187	198	209	220	231	242	253	264	275	286						
12											144	156	168	180	192	204	216	228	240	252	264	276	288	300	312	324	336				
13												169	182	195	208	221	234	247	260	273	286	299	312	325	338	351	364				
14													196	210	224	238	252	266	280	294	308	322	336	350	364	378	392	406	420		
15														225	240	255	270	285	300	315	330	345	360	375	390	405	420	435	450		
16															256	272	288	304	320	336	352	368	384	400	416	432	448	464	480		
17																	289	306	323	340	357	374	391	408	425	442	459	476	493	510	
18																		324	342	360	378	396	414	432	450	468	486	504	522	540	
19																			361	380	399	418	437	456	475	494	513	532	551	570	
20																				400	420	440	460	480	500	520	540	560	580	600	



Table Layout (Series LB-PM/200)

Number of Windows High	Number of Windows Wide																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
2		4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40											
4		8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80											
6		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120											
8		16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160											
10		20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200											
12						72	84	96	108	120	132	144	156	168	180	192	204	216	226	240	252	264									
14							98	112	126	140	154	168	182	196	210	224	238	252	266	280	294	308									
16								128	144	160	176	192	208	224	240	256	272	288	304	320	336	352	368	384							
18									162	180	198	216	234	252	270	288	306	324	342	360	378	396	414	432							
20										200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500	520					
22											242	264	286	308	330	352	374	396	418	440	462	484	506	528	550	572					
24												288	312	336	360	384	408	432	456	480	504	528	552	576	600	624	648	672			
26													338	364	390	416	442	468	494	520	546	572	598	624	650	676	702	728			
28														392	420	448	476	504	532	560	588	616	644	672	700	728	756	784	812	840	
30															450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	
32																512	544	576	608	640	672	704	736	768	800	832	864	896	928	960	
34																	578	612	646	680	714	748	782	816	850	884	918	952	986	1020	
36																		648	684	720	756	792	828	864	900	936	972	1008	1044	1080	
38																			722	760	798	836	874	912	950	988	1026	1064	1102	1140	
40																				800	840	880	920	960	1000	1040	1080	1120	1160	1200	



Table Layout (Series LB-PM/300)

Number of Windows High	Number of Windows Wide																																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
3	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60													
6	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120													
9	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180													
12	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240													
15	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300													
18						108	126	144	162	180	198	216	234	252	270	288	306	324	342	360	378	396											
21							174	168	189	210	231	252	273	294	315	336	357	378	399	420	441	462											
24								192	216	240	264	288	312	336	360	384	408	432	456	480	504	528	552	576									
27									243	270	297	324	351	378	405	432	459	486	513	540	567	594	621	648									
30										300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780							
33											363	396	429	462	495	528	561	594	629	660	693	666	759	792	825	858							
36												432	468	504	540	576	612	648	684	720	756	732	828	864	900	936	972	1008					
39													507	546	585	624	663	702	741	780	819	798	897	936	975	1014	1053	1092					
42														588	630	672	714	756	798	840	882	864	966	1008	1050	1092	1134	1176	1218	1260			
45															675	720	765	810	855	900	945	930	1035	1080	1125	1170	1215	1260	1305	1350			
48																768	816	864	912	960	1008	996	1104	1152	1200	1248	1296	1344	1392	1440			
51																	867	918	969	1020	1071	1062	1173	1224	1275	1326	1377	1428	1479	1530			
54																		972	1026	1080	1134	1128	1242	1296	1350	1404	1458	1512	1566	1620			
57																			1083	1140	1197	1194	1311	1368	1425	1482	1539	1596	1653	1710			
60																					1200	1260	1260	1380	1440	1500	1560	1620	1680	1740	1800		



Table Layout (Series LB-PM/600)

Number of Windows High	Number of Windows Wide																														
	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	
3		6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120										
6		12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240										
9		18	36	54	72	90	108	126	144	162	180	198	216	234	252	270	288	306	324	342	360										
12		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408	432	456	480										
15		30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600										
18							216	252	288	324	360	396	432	468	504	540	576	612	648	684	720	756	792								
21								294	336	378	420	462	504	546	588	630	672	714	756	798	840	882	924								
24									384	432	480	528	576	624	672	720	768	816	864	912	960	1008	1056	1104	1152						
27										486	540	594	648	702	756	810	864	918	972	1026	1080	1134	1188	1242	1296						
30											600	660	720	780	840	900	960	1020	1080	1140	1200	1260	1320	1380	1440	1500	1560	1620			
33												726	792	858	924	990	1056	1122	1188	1254	1320	1386	1452	1518	1584	1650	1716				
36													864	936	1008	1080	1152	1224	1296	1368	1440	1512	1584	1656	1728	1800	1872	1944	2016		
39														1014	1092	1170	1248	1326	1404	1482	1560	1638	1716	1794	1872	1950	2028	2106	2184		
42															1176	1260	1344	1428	1512	1596	1680	1764	1848	1932	2016	2100	2184	2268	2352	2436	2520
45																1350	1440	1530	1620	1710	1800	1890	1980	2070	2160	2250	2340	2430	2520	2610	2700
48																	1536	1632	1728	1824	1920	2016	2112	2208	2304	2400	2496	2592	2688	2784	2880
51																		1734	1836	1938	2040	2142	2244	2346	2448	2550	2652	2754	2856	2958	3060
54																			1944	2052	2160	2268	2376	2484	2592	2700	2808	2916	3024	3132	3240
57																				2166	2280	2394	2508	2622	2736	2850	2964	3078	3192	3306	3420
60																					2400	2520	2640	2760	2880	3000	3120	3240	3360	3480	3600



Table Layout (Series LB-PM/600H)

Number of Windows High	Number of Windows Wide																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
6	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240											
12	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408	432	456	480											
18	36	72	108	144	180	216	252	288	324	360	396	432	468	504	540	576	612	648	684	720	756	792									
24	48	96	144	192	240	288	336	384	432	480	528	576	624	672	720	768	816	864	912	960	1008	1056	1104	1152							
30	60	120	180	240	300	360	420	480	540	600	660	720	780	840	900	960	1020	1080	1140	1200	1260	1320	1380	1440	1500	1560	1620				
36						216	252	288	324	360	396	432	468	504	540	576	612	648	684	720	756	792									
42							294	336	378	420	462	504	546	588	630	672	714	756	798	840	882	924									
48							384	432	480	528	576	624	672	720	768	816	864	912	960	1008	1056	1104	1152								
54								486	540	594	648	702	756	810	864	918	972	1026	1080	1134	1188	1242	1296								
60									600	660	720	780	840	900	960	1020	1080	1140	1200	1260	1320	1380	1440	1500	1560	1620					
66										726	792	858	924	990	1056	1122	1188	1254	1320	1386	1452	1518	1584	1650	1716						
72											864	936	1008	1080	1152	1224	1296	1368	1440	1512	1584	1656	1728	1800	1872	1944	2016				
78												1014	1092	1170	1248	1326	1404	1482	1560	1638	1716	1794	1872	1950	2028	2106	2184				
84													1176	1260	1344	1428	1512	1596	1680	1764	1848	1932	2016	2100	2184	2268	2352	2436	2520		
90														1350	1440	1530	1620	1710	1800	1890	1980	2070	2160	2250	2340	2430	2520	2610	2700		
96															1536	1632	1728	1824	1920	2016	2112	2208	2304	2400	2496	2592	2688	2784	2880		
102																1734	1836	1938	2040	2142	2244	2346	2448	2550	2652	2754	2856	2958	3060		
108																	1944	2052	2160	2268	2376	2484	2592	2700	2808	2916	3024	3132	3240		
114																		2166	2280	2394	2508	2622	2736	2850	2964	3078	3192	3306	3420		
120																			2400	2520	2640	2760	2880	3000	3120	3240	3360	3480	3600		



Table Layout (Series LB-PM/800)

Number of Windows High	Number of Windows Wide																														
	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	
4		4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80										
8		8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160										
12		12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240										
16		16	32	48	64	80	96	112	128	144	160	176	192	208	224	240	256	272	288	304	320										
20		20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400										
24							144	168	192	216	240	264	288	312	336	360	384	408	432	456	480	504	528								
28							196	224	252	280	308	336	364	392	420	448	476	504	532	560	588	616									
32							256	288	320	352	384	416	448	480	512	544	576	608	640	672	704	736	768								
36								324	360	396	432	468	504	540	576	612	648	684	720	756	792	828	864								
40									400	480	480	520	560	600	640	680	720	760	800	840	880	920	960	1000	1040						
44											484	528	572	616	660	704	748	792	836	880	924	968	1012	1056	1100	1144					
48											576	624	672	720	768	816	864	912	960	1008	1056	1104	1152	1200	1248	1296	1344				
52												676	728	780	832	886	936	988	1040	1092	1144	1196	1248	1300	1352	1404	1456				
56														784	840	896	952	1008	1064	1120	1176	1232	1288	1344	1400	1456	1512	1568	1624	1680	
60															900	960	1020	1080	1140	1200	1260	1320	1380	1440	1500	1560	1620	1680	1740	1800	
64																1024	1088	1152	1216	1280	1344	1408	1472	1536	1600	1664	1728	1792	1856	1920	
68																	1156	1224	1292	1360	1428	1496	1564	1632	1700	1768	1836	1904	1972	2040	
72																		1296	1368	1440	1512	1584	1656	1728	1800	1872	1944	2016	2088	2160	
76																			1444	1520	1596	1672	1748	1824	1900	1976	2052	2124	2204	2280	
80																					1600	1680	1760	1840	1920	2000	2080	2160	2240	2320	2400



Table Layout (Series LB-PM/1200)

Number of Windows High	Number of Windows Wide																														
	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	
6	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180											
12	18	36	54	72	90	108	126	144	162	180	198	216	234	252	270	288	306	324	342	360											
18	27	54	91	108	135	162	189	216	243	270	297	324	351	378	405	432	459	486	513	540											
24	36	72	108	144	180	216	252	288	324	360	396	432	468	504	540	576	612	648	684	720											
30	45	90	135	180	225	270	315	360	405	450	495	540	585	630	675	720	765	810	855	900											
36						324	378	432	486	540	594	648	702	756	810	864	918	972	1026	1080											
42							441	504	567	630	693	756	819	882	945	1008	1071	1134	1197	1260											
48								576	648	720	792	864	936	1008	1080	1152	1224	1296	1368	1440											
54									729	810	891	972	1053	1134	1215	1296	1377	1458	1539	1620	1701	1782									
60										900	990	1080	1170	1260	1350	1440	1530	1620	1710	1800	1890	1980									
66											1089	1188	1287	1386	1485	1584	1683	1782	1881	1980	2079	2178	2277	2376							
72												1296	1404	1512	1620	1728	1836	1944	2052	2160	2268	2376	2484	2592							
78													1521	1638	1755	1872	1989	2106	2223	2340	2457	2574	2691	2808	2925	3042					
84														1764	1890	2016	2142	2268	2394	2520	2646	2772	2898	3024	3150	3276					
90															2025	2160	2295	2430	2565	2700	2835	2970	3105	3240	3375	3510	3645	3780			
96																	2304	2448	2592	2736	2880	3024	3168	3312	3456	3600	3744	3888	4032		
102																		2601	2754	2907	3060	3213	3366	3519	3672	3825	3978	4131	4284	4437	4590
108																			2916	3078	3240	3402	3564	3726	3888	4050	4212	4374	4536	4698	4860
114																				3249	3420	3591	3762	3933	4104	4275	4446	4617	4788	4959	5130
120																					3600	3780	3960	4140	4320	4500	4680	4860	5040	5220	5400



Table Layout (Series LB-PM/1600)

Number of Windows High	Number of Windows Wide																													
	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60
8		8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80										
16		8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160									
24		12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240									
32		16	32	48	64	80	96	112	128	144	160	176	192	208	224	240	256	272	288	304	320									
40		20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400									
48						144	168	192	216	240	264	288	312	336	360	384	408	432	456	480	504	528								
56							196	224	252	280	308	336	364	392	420	448	476	504	532	560	588	616								
64								256	288	320	352	384	416	448	480	512	544	576	608	640	672	704	736	768						
72									324	360	396	432	468	504	540	576	612	648	684	720	756	792	828	864						
80										400	440	480	520	560	600	640	680	720	760	800	840	880	920	960	1000	1040				
88											484	528	572	616	660	704	740	792	836	880	924	968	1012	1056	1100	1144				
96												576	624	672	720	768	816	864	912	960	1008	1056	1104	1152	1200	1248	1296	1344		
104													676	728	780	832	886	936	988	1040	1092	1144	1196	1248	1300	1352	1404	1456		
112														784	840	896	952	1008	1064	1120	1176	1232	1288	1344	1400	1456	1512	1568	1624	1680
120															900	960	1020	1080	1140	1200	1260	1320	1380	1440	1500	1560	1620	1680	1740	1800
128																1024	1088	1152	1216	1280	1344	1408	1472	1536	1600	1664	1728	1792	1856	1920
136																	1156	1224	1292	1360	1428	1496	1564	1632	1700	1768	1836	1904	1972	2040
144																		1296	1368	1440	1512	1584	1656	1728	1800	1872	1944	2016	2088	2160
152																			1444	1520	1596	1672	1748	1824	1900	1976	2052	2124	2204	2280
160																				1600	1680	1760	1840	1920	2000	2080	2160	2240	2320	2400



Table Layout (Series LB-PM/1800)

Number of Windows High	Number of Windows Wide																															
	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87	90		
6	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180												
12	18	36	54	72	90	108	126	144	162	180	198	216	234	252	270	288	306	324	342	360												
18	27	54	91	108	135	162	189	216	243	270	297	324	351	378	405	432	459	486	513	540												
24	36	72	108	144	180	216	252	288	324	360	396	432	468	504	540	576	612	648	684	720												
30	45	90	135	180	225	270	315	360	405	450	495	540	585	630	675	720	765	810	855	900												
36						324	378	432	486	540	594	648	702	756	810	864	918	972	1026	1080												
42							441	504	567	630	693	756	819	882	945	1008	1071	1134	1197	1260												
48								576	648	720	792	864	936	1008	1080	1152	1224	1296	1368	1440												
54									729	810	891	972	1053	1134	1215	1296	1377	1458	1539	1620	1701	1782										
60										900	990	1080	1170	1260	1350	1440	1530	1620	1710	1800	1890	1980										
66											1089	1188	1287	1386	1485	1584	1683	1782	1881	1980	2079	2178	2277	2376								
72												1296	1404	1512	1620	1728	1836	1944	2052	2160	2268	2376	2484	2592								
78													1521	1638	1755	1872	1989	2106	2223	2340	2457	2574	2691	2808	2925	3042						
84														1764	1890	2016	2142	2268	2394	2520	2646	2772	2898	3024	3150	3276						
90															2025	2160	2295	2430	2565	2700	2835	2970	3105	3240	3375	3510	3645	3780				
96																	2304	2448	2592	2736	2880	3024	3168	3312	3456	3600	3744	3888	4032			
102																		2601	2754	2907	3060	3213	3366	3519	3672	3825	3978	4131	4284	4437	4590	
108																		2916	3078	3240	3402	3564	3726	3888	4050	4212	4374	4536	4698	4860		
114																			3249	3420	3591	3762	3933	4104	4275	4446	4617	4788	4959	5130		
120																					3600	3780	3960	4140	4320	4500	4680	4860	5040	5220	5400	



Table Layout (Series LB-PM/2400)

Number of Windows High	Number of Windows Wide																														
	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	
6	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180											
12	18	36	54	72	90	108	126	144	162	180	198	216	234	252	270	288	306	324	342	360											
18	27	54	91	108	135	162	189	216	243	270	297	324	351	378	405	432	459	486	513	540											
24	36	72	108	144	180	216	252	288	324	360	396	432	468	504	540	576	612	648	684	720											
30	45	90	135	180	225	270	315	360	405	450	495	540	585	630	675	720	765	810	855	900											
36						324	378	432	486	540	594	648	702	756	810	864	918	972	1026	1080											
42							441	504	567	630	693	756	819	882	945	1008	1071	1134	1197	1260											
48								576	648	720	792	864	936	1008	1080	1152	1224	1296	1368	1440											
54									729	810	891	972	1053	1134	1215	1296	1377	1458	1539	1620	1701	1782									
60										900	990	1080	1170	1260	1350	1440	1530	1620	1710	1800	1890	1980									
66											1089	1188	1287	1386	1485	1584	1683	1782	1881	1980	2079	2178	2277	2376							
72												1296	1404	1512	1620	1728	1836	1944	2052	2160	2268	2376	2484	2592							
78													1521	1638	1755	1872	1989	2106	2223	2340	2457	2574	2691	2808	2925	3042					
84														1764	1890	2016	2142	2268	2394	2520	2646	2772	2898	3024	3150	3276					
90															2025	2160	2295	2430	2565	2700	2835	2970	3105	3240	3375	3510	3645	3780			
96																2304	2448	2592	2736	2880	3024	3168	3312	3456	3600	3744	3888	4032			
102																	2601	2754	2907	3060	3213	3366	3519	3672	3825	3978	4131	4284	4437	4590	
108																		2916	3078	3240	3402	3564	3726	3888	4050	4212	4374	4536	4698	4860	
114																			3249	3420	3591	3762	3933	4104	4275	4446	4617	4788	4959	5130	
120																				3600	3780	3960	4140	4320	4500	4680	4860	5040	5220	5400	



Table Cut out (Series LB-PM/100)

Number of Windows		Cut Out		Overall	
High	Wide	High (mm)	Wide (mm)	High (mm)	Wide (mm)
1	1	90	90	96	96
2	2	191.5	192.5	213.5	214.5
3	3	280	281	302	303
4	4	368.5	369.5	390.5	391.5
5	5	457	458	479	480
6	6	545	547	567	569
7	7	633.5	635.5	655.5	657.5
8	8	722	724	744	746
9	9	810	813	832	835
10	10	898.5	901.5	920.5	923.5
11	11	987	990	1009	1012
12	12	1075	1079	1097	1109
13	13	1163.5	1167.5	1185.5	1189.5
14	14	1252	1256	1274	1278
15	15	1340	1345	1362	1367
16	16	1428.5	1433.5	1450.5	1455.5
17	17	1517	1522	1539	1544
18	18	1605	1611	1627	1633
19	19	1693.5	1699.5	1715.5	1721.5
20	20	1782	1788	1804	1810



Table Cut out (Series LB-PM/200)

Number of Windows		Cut Out		Overall	
High	Wide	High (mm)	Wide (mm)	High (mm)	Wide (mm)
2	1	90	90	96	96
4	2	191.5	192.5	213.5	214.5
6	3	280	281	302	303
8	4	368.5	369.5	390.5	391.5
10	5	457	458	479	480
12	6	545	547	567	569
14	7	633.5	635.5	655.5	657.5
16	8	722	724	744	746
18	9	810	813	832	835
20	10	898.5	901.5	920.5	923.5
22	11	987	990	1009	1012
24	12	1075	1079	1097	1109
26	13	1163.5	1167.5	1185.5	1189.5
28	14	1252	1256	1274	1278
30	15	1340	1345	1362	1367
32	16	1428.5	1433.5	1450.5	1455.5
34	17	1517	1522	1539	1544
36	18	1605	1611	1627	1633
38	19	1693.5	1699.5	1715.5	1721.5
40	20	1782	1788	1804	1810



Table Cut out (Series LB-PM/300)

Number of Windows		Cut Out		Overall	
High	Wide	High (mm)	Wide (mm)	High (mm)	Wide (mm)
3	1	90	90	96	96
6	2	191.5	192.5	213.5	214.5
9	3	280	281	302	303
12	4	368.5	369.5	390.5	391.5
15	5	457	458	479	480
18	6	545	547	567	569
21	7	633.5	635.5	655.5	657.5
24	8	722	724	744	746
27	9	810	813	832	835
30	10	898.5	901.5	920.5	923.5
33	11	987	990	1009	1012
36	12	1075	1079	1097	1109
39	13	1163.5	1167.5	1185.5	1189.5
42	14	1252	1256	1274	1278
45	15	1340	1345	1362	1367
48	16	1428.5	1433.5	1450.5	1455.5
51	17	1517	1522	1539	1544
54	18	1605	1611	1627	1633
57	19	1693.5	1699.5	1715.5	1721.5
60	20	1782	1788	1804	1810



Table Cut out (Series LB-PM/400)

Number of Windows		Cut Out		Overall	
High	Wide	High (mm)	Wide (mm)	High (mm)	Wide (mm)
2	2	90	90	96	96
4	4	191.5	192.5	213.5	214.5
6	6	280	281	302	303
8	8	368.5	369.5	390.5	391.5
10	10	457	458	479	480
12	12	545	547	567	569
14	14	633.5	635.5	655.5	657.5
16	16	722	724	744	746
18	18	810	813	832	835
20	20	898.5	901.5	920.5	923.5
22	22	987	990	1009	1012
24	24	1075	1079	1097	1109
26	26	1163.5	1167.5	1185.5	1189.5
28	28	1252	1256	1274	1278
30	30	1340	1345	1362	1367
32	32	1428.5	1433.5	1450.5	1455.5
34	34	1517	1522	1539	1544
36	36	1605	1611	1627	1633
38	38	1693.5	1699.5	1715.5	1721.5
40	40	1782	1788	1804	1810



Table Cut out (Series LB-PM/600)

Number of Windows		Cut Out		Overall	
High	Wide	High (mm)	Wide (mm)	High (mm)	Wide (mm)
3	2	90	90	96	96
6	4	191.5	192.5	213.5	214.5
9	6	280	281	302	303
12	8	368.5	369.5	390.5	391.5
15	10	457	458	479	480
18	12	545	547	567	569
21	14	633.5	635.5	655.5	657.5
24	16	722	724	744	746
27	18	810	813	832	835
30	20	898.5	901.5	920.5	923.5
33	22	987	990	1009	1012
36	24	1075	1079	1097	1109
39	26	1163.5	1167.5	1185.5	1189.5
42	28	1252	1256	1274	1278
45	30	1340	1345	1362	1367
48	32	1428.5	1433.5	1450.5	1455.5
51	34	1517	1522	1539	1544
54	36	1605	1611	1627	1633
57	38	1693.5	1699.5	1715.5	1721.5
60	40	1782	1788	1804	1810



Table Cut out (Series LB-PM/600H)

Number of Windows		Cut Out		Overall	
High	Wide	High (mm)	Wide (mm)	High (mm)	Wide (mm)
6	1	90	90	96	96
12	2	191.5	192.5	213.5	214.5
18	3	280	281	302	303
24	4	368.5	369.5	390.5	391.5
30	5	457	458	479	480
36	6	545	547	567	569
42	7	633.5	635.5	655.5	657.5
48	8	722	724	744	746
54	9	810	813	832	835
60	10	898.5	901.5	920.5	923.5
66	11	987	990	1009	1012
72	12	1075	1079	1097	1109
78	13	1163.5	1167.5	1185.5	1189.5
84	14	1252	1256	1274	1278
90	15	1340	1345	1362	1367
96	16	1428.5	1433.5	1450.5	1455.5
102	17	1517	1522	1539	1544
108	18	1605	1611	1627	1633
114	19	1693.5	1699.5	1715.5	1721.5
120	20	1782	1788	1804	1810



Table Cut out (Series LB-PM/800)

Number of Windows		Cut Out		Overall	
High	Wide	High (mm)	Wide (mm)	High (mm)	Wide (mm)
4	2	90	90	96	96
8	4	191.5	192.5	213.5	214.5
12	6	280	281	302	303
16	8	368.5	369.5	390.5	391.5
20	10	457	458	479	480
24	12	545	547	567	569
28	14	633.5	635.5	655.5	657.5
32	16	722	724	744	746
36	18	810	813	832	835
40	20	898.5	901.5	920.5	923.5
44	22	987	990	1009	1012
48	24	1075	1079	1097	1109
52	26	1163.5	1167.5	1185.5	1189.5
56	28	1252	1256	1274	1278
60	30	1340	1345	1362	1367
64	32	1428.5	1433.5	1450.5	1455.5
68	34	1517	1522	1539	1544
72	36	1605	1611	1627	1633
76	38	1693.5	1699.5	1715.5	1721.5
80	40	1782	1788	1804	1810



Table Cut out (Series LB-PM/900)

Number of Windows		Cut Out		Overall	
High	Wide	High (mm)	Wide (mm)	High (mm)	Wide (mm)
3	3	90	90	96	96
6	6	191.5	192.5	213.5	214.5
9	9	280	281	302	303
12	12	368.5	369.5	390.5	391.5
15	15	457	458	479	480
18	18	545	547	567	569
21	21	633.5	635.5	655.5	657.5
24	24	722	724	744	746
27	27	810	813	832	835
30	30	898.5	901.5	920.5	923.5
33	33	987	990	1009	1012
36	36	1075	1079	1097	1109
39	39	1163.5	1167.5	1185.5	1189.5
42	42	1252	1256	1274	1278
45	45	1340	1345	1362	1367
48	48	1428.5	1433.5	1450.5	1455.5
51	51	1517	1522	1539	1544
54	54	1605	1611	1627	1633
57	57	1693.5	1699.5	1715.5	1721.5
60	60	1782	1788	1804	1810



Table Cut out (Series LB-PM/1200)

Number of Windows		Cut Out		Overall	
High	Wide	High (mm)	Wide (mm)	High (mm)	Wide (mm)
6	2	90	90	96	96
12	4	191.5	192.5	213.5	214.5
18	6	280	281	302	303
24	8	368.5	369.5	390.5	391.5
30	10	457	458	479	480
36	12	545	547	567	569
42	14	633.5	635.5	655.5	657.5
48	16	722	724	744	746
54	18	810	813	832	835
60	20	898.5	901.5	920.5	923.5
66	22	987	990	1009	1012
72	24	1075	1079	1097	1109
78	26	1163.5	1167.5	1185.5	1189.5
84	28	1252	1256	1274	1278
90	30	1340	1345	1362	1367
96	32	1428.5	1433.5	1450.5	1455.5
102	34	1517	1522	1539	1544
108	36	1605	1611	1627	1633
114	38	1693.5	1699.5	1715.5	1721.5
120	40	1782	1788	1804	1810



Table Cut out (Series LB-PM/1600)

Number of Windows		Cut Out		Overall	
High	Wide	High (mm)	Wide (mm)	High (mm)	Wide (mm)
8	2	90	90	96	96
16	4	191.5	192.5	213.5	214.5
24	6	280	281	302	303
32	8	368.5	369.5	390.5	391.5
40	10	457	458	479	480
48	12	545	547	567	569
56	14	633.5	635.5	655.5	657.5
64	16	722	724	744	746
72	18	810	813	832	835
80	20	898.5	901.5	920.5	923.5
88	22	987	990	1009	1012
96	24	1075	1079	1097	1109
104	26	1163.5	1167.5	1185.5	1189.5
112	28	1252	1256	1274	1278
120	30	1340	1345	1362	1367
128	32	1428.5	1433.5	1450.5	1455.5
136	34	1517	1522	1539	1544
144	36	1605	1611	1627	1633
152	38	1693.5	1699.5	1715.5	1721.5
160	40	1782	1788	1804	1810



Table Cut out (Series LB-PM/1800)

Number of Windows		Cut Out		Overall	
High	Wide	High (mm)	Wide (mm)	High (mm)	Wide (mm)
6	3	90	90	96	96
12	6	191.5	192.5	213.5	214.5
18	9	280	281	302	303
24	12	368.5	369.5	390.5	391.5
30	15	457	458	479	480
36	18	545	547	567	569
42	21	633.5	635.5	655.5	657.5
48	24	722	724	744	746
54	27	810	813	832	835
60	30	898.5	901.5	920.5	923.5
66	33	987	990	1009	1012
72	36	1075	1079	1097	1109
78	39	1163.5	1167.5	1185.5	1189.5
84	42	1252	1256	1274	1278
90	45	1340	1345	1362	1367
96	48	1428.5	1433.5	1450.5	1455.5
102	51	1517	1522	1539	1544
108	54	1605	1611	1627	1633
114	57	1693.5	1699.5	1715.5	1721.5
120	60	1782	1788	1804	1810



Table Cut out (Series LB-PM/2400)

Number of Windows		Cut Out		Overall	
High	Wide	High (mm)	Wide (mm)	High (mm)	Wide (mm)
6	4	90	90	96	96
12	8	191.5	192.5	213.5	214.5
18	12	280	281	302	303
24	16	368.5	369.5	390.5	391.5
30	20	457	458	479	480
36	24	545	547	567	569
42	28	633.5	635.5	655.5	657.5
48	32	722	724	744	746
54	36	810	813	832	835
60	40	898.5	901.5	920.5	923.5
66	44	987	990	1009	1012
72	48	1075	1079	1097	1109
78	52	1163.5	1167.5	1185.5	1189.5
84	56	1252	1256	1274	1278
90	60	1340	1345	1362	1367
96	64	1428.5	1433.5	1450.5	1455.5
102	68	1517	1522	1539	1544
108	72	1605	1611	1627	1633
114	76	1693.5	1699.5	1715.5	1721.5
120	80	1782	1788	1804	1810



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