ALKON

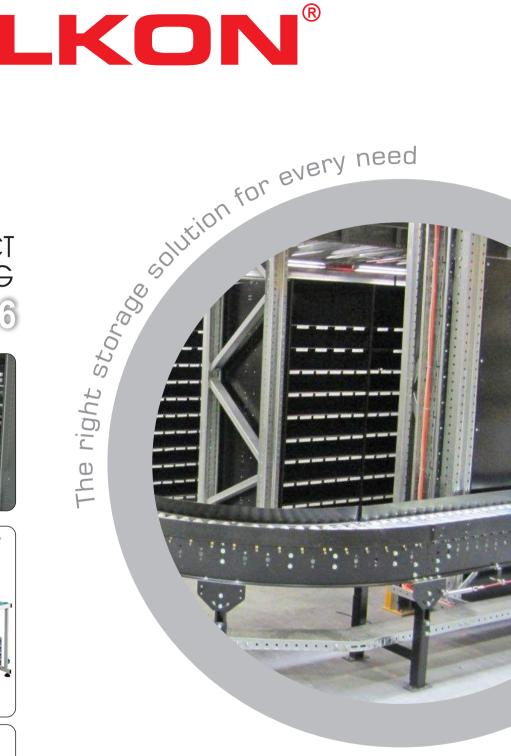
PRODUCT CATALOG







ESD Safe Products







PROTECT ELECTRO STATIC SENSITIVE DEVICES

ABOUT ELECTROSTATIC DISCHARGE (ESD)

To a greater or lesser extent all contact between objects, every separation of one item from another, each sliding of one thing on another, causes a disturbance of electrical charge. When charge disturbance take place faster than charge redistribution, static charge accumulates. ESD occurs where charges of different electrostatic potentials meet. The flow of electrons is usually sudden and releases energy that can damage electrostatic sensitive devices (ESDs) This is referred to as tribo electric generations.

Static charges of 30000 volts are not uncommon and can be generated by the simple act of walking across a floor, yet a discharge of only 10 volts can destroy a class 1 ESD sensitive device.

A material that inhibits the generation of tribo electric charge is classified as anti-static. Anti-static material can be Conductive (10³-10 ôhms/sq),

Static dissipative (10⁷-10 8hms/sq), Anti-static (10¹⁰ - 10¹² ohms/sq) or even Insulative (greater than 10¹² ohms/sq)

Only conductive or static dissipative anti static material should be used in ESD protected areas .

10³ 10⁴ 10⁵ 10⁶ CONDUCTIVE

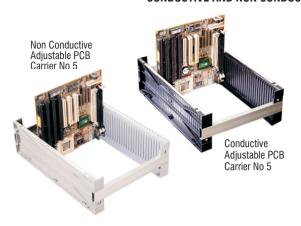
STATIC DISSIPATIVE **ANTI STATIC**

10 **INSULATIVE**

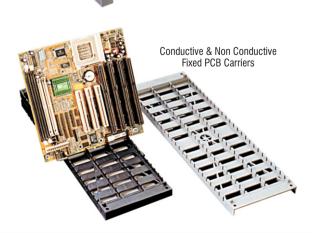




CONDUCTIVE AND NON CONDUCTIVE ADJUSTABLE PCB CARRIERS







Non Conductive

Adjustable PCB Carrier No 6

ALKON adjustable PCB Carriers can be used for protection of boards during storage or transport in assembly line or integrated with automatic component insertion machines. They can be stacked one on each other. Each PCB Carrier has 31 distinct slots which can hold a maximum of 31 PCB'S.

Special Aluminium Guides have an unique design which remains flush with the PCB Carriers.

They help in adjusting the width as per the size of the PCB'S Three lengths of aluminium guides are available i.e. 253mm. 353mm and 553mm.

ADJUSTABLE PCB CARRIER NO: 5

Useful for small to medium boards.

Size of sides 350mm (L) x 105mm (H)

Use different size of Aluminium guides to make the configuration as per the size of the PCB. Different sizes of PCB'S can be fitted in two PCB Carriers as shown

Conductive Adjustable PCB Carrier No: 5

Set of 2 pcs.- Colour Black made from conductive polystyrene.

Art No : APCR5 - C

Non Conductive Adjustable PCB Carrier No: 5

Set of 2 pcs.- Colour Grey made from high impact polystyrene.

Art No: APCR5 - N

Order aluminium guides separately.

ALUMINIUM GUIDES

Are available in three standard lengths:

Art No: APCRG - 2 253 mm Set of 2 pcs. Art No: APCRG - 3 353 mm Set of 2 pcs. Art No : APCRG - 5 553 mm Set of 2 pcs.

ADJUSTABLE PCB CARRIER NO.: 6

Useful for medium sized boards.

Size of sides 350mm (L) x 210mm (W)

2 Sets of Aluminium guides are required for Carrier No 6

Conductive Adjustable PCB Carrier No: 6 Set of 2 pcs. - Colour Black. Art No: APCR6 - C

Made from conductive polystyrene.

Non Conductive Adjustable PCB Carrier No: 6

Set of 2 pcs. - Colour Grey. Art No: APCR6 - N

Made from high impact polystyrene. Order Aluminium guides separately.

CONDUCTIVE & NON CONDUCTIVE

FIXED PCB CARRIERS

Economical carriers for handling clinched SMD'S Soldered or bare boards of any size.

Tapered slots to keep PCB'S in taper position.

Easy to carry.

Size 458mm (L) x 140mm (W)

25 Slots

Black Colour for conductive. Art No: APCR1-C

Made from conductive polystyrene.

Grey Colour for non conductive. Art No: APCR1-N

Made from high impact polystyrene.

Packing: Fixed PCB Carriers are packed 5 pcs. in a box.

FIXED PCB CARRIERS - L TYPE







It is a two side support PCB carrier of conductive or non conductive material for stronger card holding. Conductive PCB carriers are excellent PCB carriers for work benches. Easy to handle and does not occupy much space.

- Holds boards on two contigious edges.
- Nestable when not in use.
- Conductive PCB carrier available in Black colour.
- Made from conductive polystyrene.
- Non conductive PCB carriers available in Grey colour.
- Made from high impact polystyrene.
- Size : 207mm (D) x 273mm (W) x 95 mm (H)
- 25 grooves, 9mm Pitch, 3mm width.

CONDUCTIVE COMPONENT ORGANISER





COMPONENT ORGANISER

- Conductive Component Organiser provides systematic storage of electrostatic sensitive devices.
- It consists of a cabinet with 25 small drawers.
- Size of Cabinet : 397mm (W) x 238mm (H) x 160mm (D)
- Size of the Drawers :
 - 155mm (L) x 71mm (W) x 35mm (H)
- Art No : **ACO 25 C Conductive**
- Made from conductive polystyrene.



Today's Electronic and Industrial service sector needs a workstation designed to provide them with an ergonomic working platform where essential tools and spares are available at ease and helps in getting the repair job completed in a hassle free manner thereby withstanding the toughest working environments.

Standard Features

- Workstation structure made from 20mm x 40mm rectangular pipes of 18 Gauge.
- Available in powder coated Light Grey RAL 7035 colour.
- ESD Mat for table top with grounding cord.
- Universal spike protector 230V / 50Hz, 15 Amps with four sockets.
- Four conductive leveling screws for base with height adjustment facility.
- Foot rest for user convenience.
- 18 W LED Slim Light.
- Louvre Panel.
- Conductive Bins as required.
- Tool Tray with option of fitting on Left or Right side.
- Alkon Modular System with lock. 1 No as shown in the image.
- Writing & Felt Board supplied only for **AWS12060**.





Available in standard sizes as below:

Art No	Size
AWS 12060	Table Top Size : 1200mm (W) X 600mm (D) over all height 1800mm

Available in standard sizes as below:

Art No	Size
AWS 12060 SP	Table Top Size : 1200mm (W) X 600mm (D) over all height 1500mm

Work Station available with ESD & Non ESD Bins

ALKON MODULAR SYSTEM - CONDUCTIVE



Modular system is an ideal storage system for Electrostatic sensitive devices based on standard modules which can be interlocked and stacked one on top of each other.

The basic system is based on four drawer sizes which can be interchanged in the ratio of: 1:2:3:4. All cabinets are supplied with central locking system. Made from conductive polystyrene.



Conductive Modular System

Dimension: 310mm (W) x 322mm (H) x 380mm (D)





MODULAR SYSTEM - CONDUCTIVE



AMS 12L-C with 12 AD1-C drawers



AMS MIX-L-C 3111L



AMS 6L-C with 6 AD2-C drawers



INDICATOR

Name plate can be changed by pushing out the paper from the indicator as shown.



AMS 4L-C with 4 AD3-C drawers

INTERNAL SIZE OF DRAWERS

AD1-C: 360mm (D) x 270mm (W) x 16mm (H) AD2-C: 360mm (D) x 270mm (W) x 39mm (H)



AMS 3L-C with 3 AD4-C drawers



INTERNAL SIZE OF DRAWERS

AD3-C : 360mm (D) x 270mm (W) x 62mm (H) AD4-C : 360mm (D) x 270mm (W) x 87mm (H)



SPECIAL STOPPERS

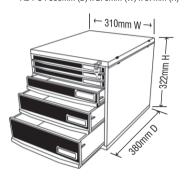
Special stoppers are provided to stop the drawers when opened fully. To remove drawer from the cabinet lift the drawer up & remove from cabinet.



CENTRAL LOCKING SYSTEM



Set of clips are provided for interlocking of cabinets.



Utility Containers —

Three sizes of containers are available to fit in AD3-C / AD4-C drawers.



Art No : UC1-C :

85mm (L) x 85mm (W) x 55mm (H) 12 Containers fit in one AD3-C/AD4-C drawer.



Art No: UC2-C:

175mm (L) x 85mm (W) x 55mm (H) 6 Containers fit in one AD3-C / AD4-C drawer.



Art No: UC3-C:

255mm (L) x 85mm (W) x 55mm (H) 4 Containers fits in one AD3-C/AD4-C drawer.





AD-3 DRAWER:

UC1-C: 6 Containers UC2-C: 3 Containers



AD-3 DRAWER:

UC1-C : 3 Containers UC2-C : 3 Containers

UC3-C : 1 Containers



AD-3 DRAWER:

UC1-C : 3 Containers UC3-C : 3 Containers

SUPRA BINS - CONDUCTIVE





SB 1-C



SB 2-C



SB 3-C



SB 4-C



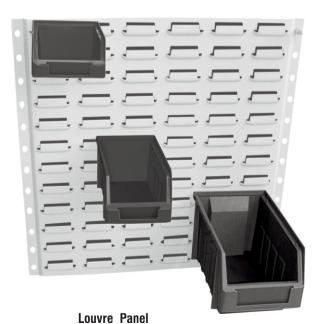


SB 6-C



SB 7-C

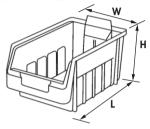




Mounted with Conductive Supra Bins

Made from Conductive Polypropylene.

- Strong rear lip for use with Louvre Panel.
 Strong heavy duty, with reinforced base side & stacking rim.
- Resistant to most industrial solvents.
- Clear access to contents.
- All bins with identification card holder slots.
- Incorporates a safety stop feature in SB 4-C, SB 5-C, SB 6-C, at the back for use in shelves.
- Colour of Bin & Partition Black.



Art No	Outside	Dimensio	ns in mm	Inside Dimensions in mm			
AITINU	Length	Width	th Height Leng		Width	Height	
SB 1-C	125	98	60	117	80	52	
SB 2-C	170	95	84	157	80	75	
SB 3-C	220	130	125	200	115	115	
SB 4-C	290	178	143	265	155	130	
SB 5-C	290	363	145	265	340	130	
SB 6-C	440	180	145	415	154	130	
SB 7-C	435	425	215	405	380	208	
SB 8-C	600	425	300	530	375	290	

SB 8-C subject to MOQ.

All dimensions in mm approx.

SUPRA BIN PARTITIONS - CONDUCTIVE

Horizontal Partition for SB 4-C & SB 6-C

Art No : HP SB 4/6-C

Standard Packing: 10 pcs. per ctn.

Vertical Partition for SB 4-C & SB 5-C

Art No : VP SB 4/5-C

Standard Packing: 10 pcs. per ctn.

Vertical Partition for SB 6-C

Art No: VP SB 6-C

Standard Packing: 10 pcs. per ctn.

Vertical Partition for SB 7-C

Art No: VP SB 7-C

Standard Packing: 10 pcs. per ctn.



SB5-C fitted with 1 No of VP SB 4/5 **Conductive Vertical Partition**



SB 4-C fitted with 1 No of HP SB 4/6 **Conductive Horizontal Partition**

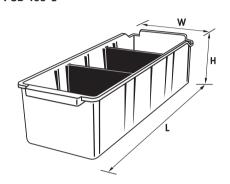
PANDA SHELF BINS - CONDUCTIVE





■ MADE FROM CONDUCTIVE POLYPROPYLENE

- Designed to fit roll post shelving systems.
- Five standard bin sizes to suit 400mm deep shelving.
- Resistant to most industrial solvents.
- Integral back stop for clear viewing of PANDA BIN contents.
- Partitions are notched to ensure positive location within the bins.
- PANDA BINS feature a small handle to allow maximum area of the front face for sticking identification labels.
- Colour of Bin & Partition Black.



BIN DIMENSIONS

ART NO	Ou	ter Dimen:	sions	lnı	ner Dimen:	sions	No Of Partitions	Effective Height	Std. Pack
AIII NO	Length	Width	Height	Length	Width	Height	with each bin		
PSB 401-C	415	100	60	393	86	55	3	55	24
PSB 402-C	415	100	110	393	86	105	2	105	24
PSB 403-C	415	150	110	393	136	105	2	105	12
PSB 404-C	415	220	135	393	210	130	2	130	12
PSB 405-C	415	300	135	393	282	130	2	130	6
PSB 406-C	415	300	185	393	282	180	2	180	6

All dimensions in mm Approx





For details of shelving systems ordering chart please refer page No 71, 72, 73, 74 and 75

SHELVING UNIT SIZE 1275 (H) x 900 (W) x 400 (D) mm

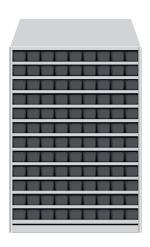


ASU 7C

ASU 8C

ASU 9C

ASU 10C



ASU 7C Shelving Unit Consists of :

- 1 Set of ASUB 124 Shelving Body.
- ▶ 13 Nos of Shelves Art No : ASUS 400
- 1 No of Kick Plate Art No : ASUKP
- 9 Nos of PSB 401-C Bins on each shelf.
- Total 108 Nos of PSB 401-C Bins.



ASU 8C Shelving Unit Consists of :

- 1 Set of ASUB 124 Shelving Body.
- 9 Nos of Shelves Art No: ASUS 400
- 1 No of Kick Plate Art No : ASUKP
- 9 Nos of PSB 402-C Bins on each shelf.
- Total 72 Nos of PSB 402-C Bins.



ASU 9C Shelving Unit Consists of :

- 1 Set of ASUB 124 Shelving Body.
- ▶ 9 Nos of Shelves Art No : ASUS 400
- 1 No of Kick Plate Art No : ASUKP
- ► 6 Nos of PSB 403-C Bins on each shelf.
- Total 48 Nos of PSB 403-C Bins.



ASU 10C Shelving Unit Consists of :

- ▶ 1 Set of ASUB 124 Shelving Body.
- ▶ 8 Nos of Shelves Art No : ASUS 400
- ▶ 4 Nos of PSB 404-C Bins on each shelf.
- Total 28 Nos of PSB 404-C Bins.
- ★ (No Kick Plate in standard unit, if Kick Plate is required then there will be 7 Nos of ASUS 400 Shelves & 24 Nos of PSB 404-C Bins)

ASU 11C



ASU 11C Shelving Unit Consists of :

- 1 Set of ASUB 124 Shelving Body.
- > 8 Nos of Shelves Art No : ASUS 400
- > 3 Nos of PSB 405-C Bins on each shelf.
- Total 21 Nos of PSB 405-C Bins.
- * (No Kick Plate in standard unit, if Kick Plate is required then there will be 7 Nos of ASUS 400 Shelves & 18 Nos of PSB 405-C Bins)

PSB	401-C BI	N SIZE
Length	Width	Height
415mm	100mm	60mm
PSB	402-C BI	N SIZE
Length	Width	Height
415mm	100mm	110mm
PSB	403-C BI	N SIZE
Length	Width	Height
415mm	150mm	110mm
PSB 404-C BIR		N SIZE
Length	Width	Height
415mm	220mm	135mm
Deb	405-C BI	NI CITE
Length	Width	Height
415mm		_
	400 0 0	
Length	406-C BI	
415mm	Width 300mm	Height
	ZIIIImm	7 Uhmm

ASU 12C



ASU 12C Shelving Unit Consists of :

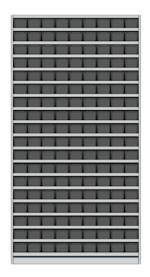
- ▶ 1 Set of ASUB 124 Shelving Body.
- ▶ 6 Nos of Shelves Art No : ASUS 400
- 1 No of Kick Plate Art No : ASUKP
- 3 Nos of PSB 406-C Bins on each shelf.
- Total 15 Nos of PSB 406-C Bins.



SHELVING UNIT SIZE 1875 (H) x 900 (W) x 400 (D) mm

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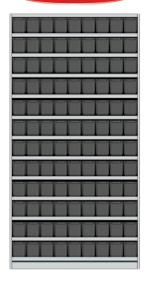
ASU 37C



ASU 37C Shelving Unit Consists of :

- 1 Set of ASUB 184 Shelving Body.
- ▶ 19 Nos of Shelves Art No : ASUS 400
- 1 No of Kick Plate Art No : ASUKP
- ▶ 9 Nos of PSB 401-C Bins on each shelf.
- Total 162 Nos of PSB 401-C Bins.

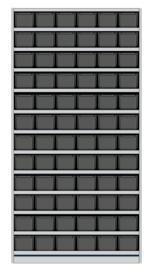
ASU 38C



ASU 38C Shelving Unit Consists of :

- ▶ 1 Set of ASUB 184 Shelving Body.
- ▶ 13 Nos of Shelves Art No : ASUS 400
- 1 No of Kick Plate Art No : ASUKP
- 9 Nos of PSB 402-C Bins on each shelf.
- Total 108 Nos of PSB 402-C Bins.

ASU 39C



ASU 39C Shelving Unit Consists of :

- 1 Set of ASUB 184 Shelving Body.
- ▶ 13 Nos of Shelves Art No : ASUS 400
- ▶ 1 No of Kick Plate Art No : ASUKP
- ► 6 Nos of PSB 403-C Bins on each shelf.
- Total 72 Nos of PSB 403-C Bins.

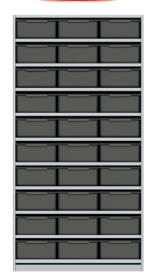
ASU 40C



ASU 40C Shelving Unit Consists of :

- ▶ 1 Set of ASUB 184 Shelving Body.
- ▶ 11 Nos of Shelves Art No : ASUS 400
- 1 No of Kick Plate Art No : ASUKP
- ► 4 Nos of PSB 404-C Bins on each shelf.
- Total 40 Nos of PSB 404-C Bins.

ASU 41C



ASU 41C Shelving Unit Consists of :

- ▶ 1 Set of ASUB 184 Shelving Body.
- ▶ 11 Nos of Shelves Art No : ASUS 400
- ▶ 1 No of Kick Plate Art No : ASUKP
- ≥ 3 Nos of PSB 405-C Bins on each shelf.
- Total 30 Nos of PSB 405-C Bins.

PSB 401-C BIN SIZE Length Width Height 415mm 100mm 60mm **PSB 402-C BIN SIZE** Length Width Height 415mm 100mm 110mm **PSB 403-C BIN SIZE** Length Width Height 415mm 150mm 110mm **PSB 404-C BIN SIZE** Length Width Height 415mm 220mm 135mm **PSB 405-C BIN SIZE** Length Width Height 415mm 300mm 135mm **PSB 406-C BIN SIZE** Length Width Height 415mm 300mm 185mm

ASU 42C



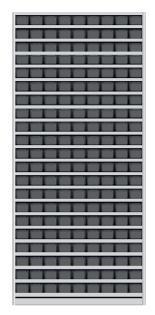
ASU 42C Shelving Unit Consists of :

- ▶ 1 Set of ASUB 184 Shelving Body.
- ▶ 9 Nos of Shelves Art No : ASUS 400
- ▶ 1 No of Kick Plate Art No : ASUKP
- ≥ 3 Nos of PSB 406-C Bins on each shelf.
- Total 24 Nos of PSB 406-C Bins.

SHELVING UNIT SIZE 2175 (H) x 900 (W) x 400 (D) mm



ASU 67C



ASU 67C Shelving Unit Consists of :

- ▶ 1 Set of ASUB 214 Shelving Body.
- 22 Nos of Shelves Art No : ASUS 400
- 1 No of Kick Plate Art No : ASUKP
- ▶ 9 Nos of PSB 401-C Bins on each shelf.
- Total 189 Nos of PSB 401-C Bins.

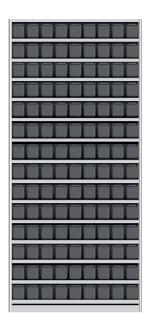
ASU 71C



ASU 71C Shelving Unit Consists of :

- ▶ 1 Set of ASUB 214 Shelving Body.
- ▶ 13 Nos of Shelves Art No : ASUS 400
- ▶ 1 No of Kick Plate Art No : ASUKP
- 3 Nos of PSB 405-C Bins on each shelf.
- ► Total 36 Nos of PSB 405-C Bins.

ASU 68C



ASU 68C Shelving Unit Consists of :

- ▶ 1 Set of ASUB 214 Shelving Body.
- ▶ 15 Nos of Shelves Art No : ASUS 400
- 1 No of Kick Plate Art No : ASUKP
- ▶ 9 Nos of PSB 402-C Bins on each shelf.
- Total 126 Nos of PSB 402-C Bins.

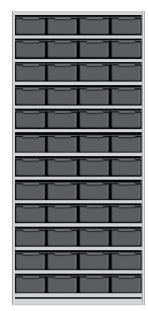
ASU 69C



ASU 69C Shelving Unit Consists of :

- ▶ 1 Set of ASUB -214 Shelving Body.
- ▶ 15 Nos of Shelves Art No : ASUS- 400
- ▶ 1 No of Kick Plate Art No : ASUKP
- ► 6 Nos of PSB 403-C Bins on each shelf.
- Total 84 Nos of PSB 403-C Bins.

ASU 70C



ASU 70C Shelving Unit Consists of :

- ▶ 1 Set of ASUB 214 Shelving Body.
- ► 13 Nos of Shelves Art No : ASUS 400
- ▶ 1 No of Kick Plate Art No : ASUKP
- ► 4 Nos of PSB 404-C Bins on each shelf.
- Total 48 Nos of PSB 404-C Bins.

ASU 72C



PSB 401-C BIN SIZE Length Width Height 415mm 100mm 60mm PSB 402-C BIN SIZE Length Width Height 415mm 100mm 110mm **PSB 403-C BIN SIZE** Length Width Height 415mm 150mm 110mm **PSB 404-C BIN SIZE** Length Width Height 415mm 220mm 135mm **PSB 405-C BIN SIZE** Length Width Height 415mm 300mm 135mm **PSB 406-C BIN SIZE** Length Width Height 415mm 300mm 185mm

ASU 72C Shelving Unit Consists of :

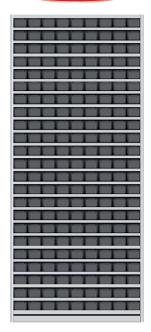
- ▶ 1 Set of ASUB 214 Shelving Body.
- ▶ 10 Nos of Shelves Art No : ASUS 400
- ▶ 1 No of Kick Plate Art No : ASUKP
- 3 Nos of PSB 406-C Bins on each shelf.
- Total 27 Nos of PSB 406-C Bins.



SHELVING UNIT SIZE 2375 (H) x 900 (W) x 400 (D) mm

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ASU 97C



ASU 97C Shelving Unit Consists of :

- 1 Set of ASUB 234 Shelving Body.
- ≥ 24 Nos of Shelves Art No : ASUS 400
- ▶ 1 No of Kick Plate Art No : ASUKP
- ▶ 9 Nos of PSB 401-C Bins on each shelf.
- ► Total 207 Nos of PSB 401-C Bins.

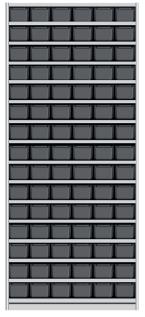
ASU 98C



ASU 98C Shelving Unit Consists of :

- ▶ 1 Set of ASUB 234 Shelving Body.
- ▶ 16 Nos of Shelves Art No : ASUS 400
- ▶ 1 No of Kick Plate Art No : ASUKP
- ▶ 9 Nos of PSB 402-C Bins on each shelf.
- Total 135 Nos of PSB 402-C Bins.

ASU 99C



ASU 99C Shelving Unit Consists of :

- ▶ 1 Set of ASUB -234 Shelving Body.
- 16 Nos of Shelves Art No : ASUS- 400
- 1 No of Kick Plate Art No : ASUKP
- ► 6 Nos of PSB 403-C Bins on each shelf.
- Total 90 Nos of PSB 403-C Bins.

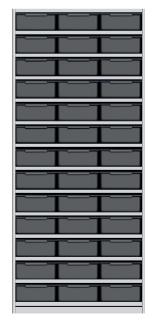
ASU 100C



ASU 100C Shelving Unit Consists of :

- ▶ 1 Set of ASUB 234 Shelving Body.
- ▶ 14 Nos of Shelves Art No : ASUS 400
- 1 No of Kick Plate Art No : ASUKP
- 4 Nos of PSB 404-C Bins on each shelf.
- ▶ Total 52 Nos of PSB 404-C Bins.

ASU 101C



ASU 101C Shelving Unit Consists of :

- ► 1 Set of ASUB 234 Shelving Body.
- ▶ 14 Nos of Shelves Art No : ASUS 400
- ▶ 1 No of Kick Plate Art No : ASUKP
- ➤ 3 Nos of PSB 405-C Bins on each shelf.
- Total 39 Nos of PSB 405-C Bins.

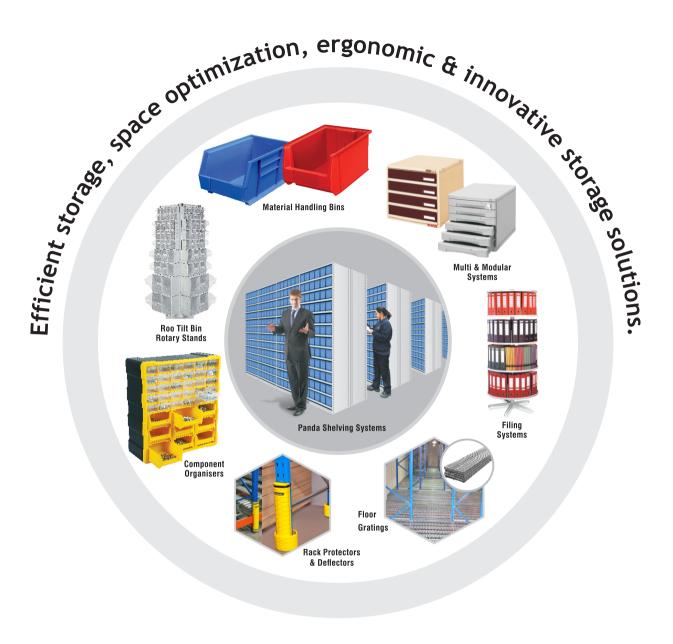
PSB 401-C BIN SIZE Length Width Height 415mm 100mm 60mm PSB 402-C BIN SIZE Length Width Height 415mm 100mm 110mm **PSB 403-C BIN SIZE** Length Width Height 415mm 150mm 110mm **PSB 404-C BIN SIZE** Length Width Height 415mm 220mm 135mm **PSB 405-C BIN SIZE** Length Width Height 415mm 300mm 135mm **PSB 406-C BIN SIZE** Length Width Height 415mm 300mm 185mm

ASU 102C



ASU 102C Shelving Unit Consists of :

- ▶ 1 Set of ASUB 234 Shelving Body.
- ▶ 11 Nos of Shelves Art No : ASUS 400
- ▶ 1 No of Kick Plate Art No : ASUKP
- 3 Nos of PSB 406-C Bins on each shelf.
- Total 30 Nos of PSB 406-C Bins.





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- Website: www.alkonplastics.com

