






ICE-PACKS

SPECIFICATIONS			
MODEL	AIP - 3	AIP - 4	AIP - 6
Material	HDPE <sup>(1)</sup>	HDPE <sup>(1)</sup>	HDPE <sup>(1)</sup>
WHO PIS Reference number	E-5/24	E-5/25	E-5/26
Size	0.3 Litres	0.4 Litres	0.6 Litres
Volume of Ice per pack	0.305 Litres	0.355 Litres	0.570 Litres
External dimensions (Approx.)	163 x 91 x 33 mm	165 x 96 x 33 mm	191 x 122 x 35 mm
Weight empty	75 gms	76 gms	110 gms
Weight filled	380 gms	430 gms	680 gms
PERFORMANCE			
Conforming to WHO/ UNICEF Specifications	E5 IP.2	E5 IP.2	E5 IP.1
SHIPPING DIMENSIONS			
Quantity in each carton (Nos.)	240	230	150
Gross Weight (approx.)	22 Kgs.	21 Kgs.	19.5 Kgs.
Size of carton (L x W x H) (approx.)	85 x 75 x 25 cms	85 x 75 x 25 cms	85 x 74 x 25 cms
Volume of the carton (approx.)	0.16 CBM	0.16 CBM	0.16 CBM
No. of Units/20' container	41,760	40,020	26,100
No. of Units/40' container	84,960	81,420	53,100
No. of Units/40' High Cube container	103,680	99,360	64,800

<sup>(1)</sup>HDPE - High Density Polyethylene; \* Approximate Weight and Measurement



JAS-ANZ



Designed & Printed at: ARTFACT NODIA # 9810244234



WHO Approved  
CFC Free  
Cold Chain Equipment



Committed to Quality and Performance



**VACCINE CARRIERS**
**COLD BOXES**
**SPECIFICATIONS**


MODEL	AVC - 24	ADVC - 24	AVC - 44	ACB - 324SS	ACB - 264SL	ACB - 246LS	ACB - 503L	ACB - 444L	ACB - 316L
<b>TYPE</b>	Small Vaccine Carrier, Short Range	Small Vaccine Carrier	Large Vaccine Carrier	Small Cold Box, Short Range	Small Cold Box, Long Range	Large Cold Box, Short Range	Large Cold Box, Long Range	Large Cold Box, Long Range	Large Cold Box, Long Range
WHO PIS Reference number	E-4/89 - M	E-4/90 - M	E-4/91 - M	E-4/100 - M	E-4/101 - M	E-4/100 - M	E-4/92 - M		E-4/93 - M
Vaccine Storage Capacity	0.86 Litres	0.90 Litres	1.6 Litres	15.0 Litres	6.0 Litres	16.0 Litres	23.3 Litres	23.0 Litres	22.0 Litres
Weight - fully loaded*	2.0 Kgs.	2.4 Kgs.	4.2 Kgs.	33.2 Kgs.	26.6 Kgs.	36.0 Kgs.	47.5 Kgs.	47.0 Kgs.	49.5 Kgs.
Weight - empty* (with empty ice-packs)	1.0 Kg.	1.4 Kgs.	2.2 Kgs.	14.5 Kgs.	14.21 Kgs.	14.8 Kgs.	22.2 Kgs.	22.0 Kgs.	21.9 Kgs.
External Surface Material	HDPE <sup>(1)</sup>	HDPE <sup>(1)</sup>	HDPE <sup>(1)</sup>	LLDPE <sup>(2)</sup>	LLDPE <sup>(2)</sup>	LLDPE <sup>(2)</sup>	LLDPE <sup>(2)</sup>	LLDPE <sup>(2)</sup>	LLDPE <sup>(2)</sup>
Internal Lining Material	HIPS <sup>(3)</sup>	HIPS <sup>(3)</sup>	HIPS <sup>(3)</sup>	LLDPE <sup>(2)</sup>	LLDPE <sup>(2)</sup>	LLDPE <sup>(2)</sup>	LLDPE <sup>(2)</sup>	LLDPE <sup>(2)</sup>	LLDPE <sup>(2)</sup>
Insulation Material	CFC free Polyurethane	CFC free Polyurethane	CFC free Polyurethane	CFC free Polyurethane	CFC free Polyurethane	CFC free Polyurethane	CFC free Polyurethane	CFC free Polyurethane	CFC free Polyurethane
Insulation Thickness	20 / 25 mm	32 / 36 mm	35 / 40 mm	65 mm	100 mm	65 mm	100 mm	100 mm	100 mm
External dimensions (L x W x H)*	21.5 x 14.5 x 18.5 cms	25.0 x 18.0 x 21.0 cms	25.0 x 25.0 x 30.0 cms	65 x 65 x 37 cms	63 x 51 x 45 cms	65 x 65 x 37 cms	77 x 62 x 52 cms	77 x 62 x 52 cms	77 x 62 x 52 cms
Internal dimensions (L x W x H)*	16.8 x 9.8 x 12.0 cms	17.0 x 10.0 x 12.0 cms	16.5 x 16.5 x 22.0 cms	48 x 48 x 19 cms	40 x 28 x 20.6 cms	48 x 48 x 19 cms	52 x 37 x 28 cms	52 x 37 x 28 cms	52 x 37 x 28 cms
Vaccine Storage dimensions	16.8 x 9.5 x 5.3 cms	17.0 x 10.0 x 5.3 cms	10.0 x 10.0 x 16.0 cms	40 x 40 x 10 cms	33 x 21 x 10 cms	40 x 40 x 11 cms	45 x 30 x 18 cms	45 x 30 x 18 cms	45 x 30 x 17 cms
Lid type & fixings	Removable	Removable	Removable	Hinged	Hinged	Hinged	Hinged	Hinged	Hinged
Number of ice-packs required	2	2	4	32	26	24	50	44	31
Number of ice-packs supplied	2	2	4	32	26	24	50	44	31
Ice-pack type	E5/IP.2	E5/IP.2	E5/IP.2	E5/IP.2	E5/IP.2	E5/IP.1	E5/IP.2 (approx.)	E5/IP.2	E5/IP.1
Volume of Ice-pack	0.40 Litres	0.40 Litres	0.40 Litres	0.40 Litres	0.40 Litres	0.60 Litres	0.30 Litres	0.40 Litres	0.60 Litres
<b>PERFORMANCE</b>									
Conforming to WHO Specifications	E4/VC.0	E4/VC.1	E4/VC.2	E4/CB.4	E4/CB.1	E4/CB.3	E4/CB.2	E4/CB.2	E4/CB.2
Cold Life Requirement as per WHO at 43°C ± 1°C without opening	Min. 8 hours	Min. 16 hours	Min. 24 hours	Min. 48 hours	Min. 90 hours	Min. 48 hours	Min. 120 hours	Min. 120 hours	Min. 120 hours
Actual Cold Life without opening at 43°C ± 1°C as Tested by WHO approved Testing Lab, PSB, Singapore	14 hours 1 minute	19 hours 25 minutes	40 hours 19 minutes	67 hours 56 minutes	134 hours	82 hours 45 minutes	141 hours 12 minutes	144 hours (in house test)	173 hours 56 minutes
<b>SHIPPING DIMENSIONS</b>									
Quantity in each carton (Nos.)	12	12	8	1	1	1	1	1	1
Gross Weight (approx.)	16 Kgs.	21 Kgs.	20.5 Kgs.	18 Kgs.	16 Kgs.	18 Kgs.	25.5 Kgs.	25 Kgs.	25 Kgs.
Size of carton (L x W x H) (approx.)	48 x 46 x 45 cms	55 x 55 x 48 cms	53 x 53 x 64 cms	66 x 66 x 38 cms	65 x 53 x 46 cms	66 x 66 x 38 cms	78 x 64 x 54 cms	78 x 64 x 54 cms	78 x 64 x 54 cms
Volume of each carton (approx.)	0.10 CBM	0.15 CBM	0.18 CBM	0.18 CBM	0.17 CBM	0.17 CBM	0.27 CBM	0.27 CBM	0.27 CBM
No. of Units/20' container	3600	2304	1312	140	175	140	110	110	110
No. of Units/40' container	7584	4608	2624	300	375	300	225	225	225
No. of Units/40' High cube container	8712	5616	3040	415	445	415	240	240	240

**Please note :** Vaccine carrier Models ADVC-24 and AVC-44 can also be supplied with 0.3 Ltrs. Ice-Packs, with marginal reduction in cold life Corresponding model numbers would be ADVC - 23 (cold life 18.5 hrs.) and AVC-43(cold life 37 hrs.) respectively.

<sup>(1)</sup>HDPE - High Density Polyethylene; <sup>(2)</sup>HIPS - High Impact Polystyrene; <sup>(3)</sup>LLDPE - Linear Low Density Polyethylene  
\* Approximate Weight and Measurement