

## OPERATION MANUAL

Dear Purchaser, congratulations on your choice of an inflatable <<Adventure>> boat. Your new boat is manufactured to the highest standard, and is built in strict conformity to the International Standard of Quality ISO 6185. Your boat is of a class designed for recreation, fishing, and hunting; as a boat for swimmers and their equipment, and as a tender for yachts and motorboats.

### I. TECHNICAL CHARACTERISTICS

THE MODEL	V-250 (240)	V-290	V-345 (320)	V-380 (360)	V-450	V-500	V-550	V-610	V-650
Length overall, cm	260 (240)	285	345(320)	400(360)	450	510	530	599(610)	647
Width overall, cm	145	145	228	175	195	217	225	250	250
Diameter of buoyancy tubes, cm	38	38	42	42	50	50	50	55	55
Quantity of compartments, pcs	3	3	3	3	5	5	5	5	5
Max. load, kg	300	350	390	493	600	787	1068	1205	1335
Number of passengers, pers.	3	4	4	5	6	8	10	11	12
Capacity of an engine: max., h.p.	6	10	25	40	60	80	115	150	175
Weight of packed boat, kg	46	50	95	140	175	240	300	450	520
Dimensions of pack, cm	170x80x45	185x80x45	300x105x50	350x120x50	410x130x65	450x150x80	480x180x100	550x200x100	580x200x100
Material used	PVC Valmex, Germany 1000 g/m <sup>2</sup>	PVC Valmex, Germany 1000 g/m <sup>2</sup>	PVC Valmex, Germany 1000 g/m <sup>2</sup>	PVC Valmex, Germany 1000 g/m <sup>2</sup>	Heytex, Germany 1200 g/m <sup>2</sup>	Heytex, Germany 1200 g/m <sup>2</sup>	Heytex, Germany 1200 g/m <sup>2</sup>	Heytex, Germany 1200 g/m <sup>2</sup>	Heytex, Germany 1200 g/m <sup>2</sup>
CE Category	D	D	C	C	C	C	C	C	C

### II. COMPONENT PARTS, AS SUPPLIED

THE MODEL	V-250	V-290 V-345	V-380 V-450	V-500 V-550	V-610 V-650
Inflatable boat with rigid bottom, pcs	1	1	1	1	1
Rigid seat, pcs	1	2	-	-	-
Carrying handle, pcs	3	3/5	5	5	5
Towing ring, pcs	3	3	3	3	3
Transom plate, pcs	1	1	1	1	1
Grab rope	+	+	+	+	+
Guardrail	+	+	+	+	+
Oar socket, pcs	-	-	2	2	2
Oarlock in a set, pcs.	2	2	-	-	-
Fore hatch, pcs	-	-/1	1	1	1
Foot pump, pcs	1	1	1	1	1
Inflation valve, pcs	3	3	3-5	5	5
Valve adaptor, pcs	1	1	1	1	1
Rope for anchor, r.m.	10	10	10	10	10
Material for repair (glue, fabric), pcs	1	1	1	1	1
Operation manual, pcs	1	1	1	1	1

### III. FEATURES OF CONSTRUCTION

The view of boat is in a pict.1:



Picture 1

The boat has rigid plastic bottom (1). The frame of the boat is formed by an inflatable buoyancy tube in a U-configuration, (2). This tube is divided by hermetic partitions. Each compartment is equipped with an inflation valve, (3). A rigid transom is fitted at the boat's stern; this transom has two removable aluminum and wooden overlays, (4), which are provided for extra rigidity. The buoyancy tube is fitted with a safety grab rope, (5); oarlock sockets, (6); carrying handles, (7); and bow three towing rings, (8), oar's pockets (9), oar's clampers (10). A rigid transom has two towing rings (11) and a valve (12), which also serves to push water downward. The boat has two rigid seats, (13), which are inserted into support pockets, (14), in the buoyancy tubes. All models have outboard protection strips, (15). Models V-345, V-380, V-450, V-500, V-550, V-610, V-650 can be additionally equipped with steering console, soft seats, navigation arch and bow anchor plate.

### IV. PREPARATION FOR OPERATION

Before using the boat, it must be prepared for operation. The following steps are required.

- Assemble the boat on a flat, reasonably level surface.
- Screw inflation valves into the buoyancy tubes.
- Screw adapters into the valves.
- Attach the bellows-pump to the buoyancy-tube adapters.
- Inflate the buoyancy tubes to a nominal pressure of 0.15-0.20 Kg/cm<sup>2</sup> (2.8 PSI) **It is recommended that the seats be installed in their pockets during this inflation operation; installation of the seats at this stage will be very much easier than when the tubes have been fully inflated.** Ensure that inflation of the two compartments is to a nominally similar pressure.
  - It is recommended that one compartment is partially inflated, and that the pump be transferred to the second compartment.
  - When this second compartment has been partially inflated, reconnect the pump to the first compartment and inflate to nominal pressure. Finally, inflate the second compartment to nominal pressure. Provided that each compartment is similarly inflated, there is no need to attempt to obtain precisely similar inflation pressure in each tube. It is only necessary to achieve sensibly similar pressure, as close to nominal as possible. Once a tube has been inflated, plug the valve using the cap provided. This will ensure a safe and airtight assembly.
- To assemble the oarlocks, fit them onto the oars, and then install the oarlocks into their sockets on the buoyancy tubes.
- Attach the towrope to the towing ring.
- For the models V-380, V-450, V-500, V-550, V-610, V-650 when installing additional equipment No17 and No18 (steering console, soft seats and navigation arch), check the safety of mounting to the bottom of the boat.

### **CAUTION:**

- Inflation of the boat must only be performed using the bellows pump supplied.
- Under no circumstances should an air-compressor be used to inflate the buoyancy tubes. An automatic air compressor, or an airline such as is used for inflation of car tyres, is likely to cause rapid and explosive failure of the buoyancy tubes and / or the hermetic partitions. Use of a source of high pressure, or a source which provides air at a high rate, is likely to cause extreme damage to the fabric and seams of the boat.
- When installing the motor to the transom, ensure that it is firmly and correctly attached. Follow instructions provided by motor manufacturer.

### **!!! ATTENTION**

The life of the boat will be considerably reduced if operated with over-inflated buoyancy tubes. Remember that the pressure in the tubes will increase should the boat be left in strong, direct sunlight, as air-pressure increases with temperature. It is recommended that the pressure be checked should the boat have been left in strong sunlight for any length of time. It may be necessary under these conditions to check and, if necessary, to reduce the pressure in the tubes to compensate for an increase in air pressure. **It is extremely important that the boat be operated with the inflatable sections at their nominal pressure.**

Before placing the boat into the water, ensure that the valves are installed correctly. Also ensure that the valves have been correctly sealed with the caps provided.

Ensure that no sand is allowed to enter the valves and oarlock sockets, otherwise failure of the valves and the oarlock sockets can be expected

## **V. MAINTENANCE AND SERVICING**

1. Correct maintenance and service can considerably extend the life of the boat. Always avoid leaving a fully-inflated boat in strong sunlight, to avoid the possibility of seam failure occasioned by excessive pressure in the buoyancy tubes.
2. After each use, dry the boat and remove all sand and dirt from all surfaces.
3. Do not allow water to be admitted to the inside of the boat's buoyancy tubes. In the event of petrol or oil being spilled onto the boat's surface, it is recommended that the affected area be cleaned using water and a suitable surfactant, such as a mild liquid detergent. At the end of the boating season, the boat may be prepared for winter storage. Clean the boat of all sand and dirt, and dry the boat carefully. Inspect the boat closely for damage. Should damage be found, it should be repaired promptly. Ideally, the boat should be stored inside a dry location.
4. Minor damage, such as punctures and small tears, can be repaired by the owner using the materials provided. However, it is not recommended that the owner conduct repairs to more extensive damage. It is recommended that major damage referred to the Dealer for repair.
5. To avoid damage of the boat hull, pay special attention to a trailer and transportation. The boat must be fixed securely on the trailer with equal distribution of load on the hull; guiding wheels must be only rubber.

## **VI. SAFETY REQUIREMENTS AND PRECAUTIONS**

1. **DO NOT OPERATE THE BOAT** whilst under the influence of alcohol or drugs.
2. **DO NOT OPERATE THE BOAT** unless wearing suitable buoyancy aids, such as buoyancy life jackets.
3. **DO NOT USE THE BOAT** during the hours of darkness.
4. **WHILST THE ENGINE IS RUNNING**, do not approach any person swimming nearby. DO NOT allow any person to approach the rear of the boat whilst the engine is running, because of the danger of injury should contact be made with the propeller.

### **!!! PROHIBITED:**

• **IN ORDER TO AVOID THE DAMAGE OF A TRANSOM, DO NOT TRANSPORT A BOAT ON A TRAILER WITH AN INSTALLED OUTBOARD ENGINE WITHOUT SUPPORT FOR THE ENGINE SHAFT.**

- **DO NOT** use the boat with more than the rated number of passengers for that model.
- **DO NOT** use an engine of greater power than recommended for that model.
- **DO NOT** use when waves exceed a height of 0.7 metre.
- **DO NOT** inflate buoyancy tubes to a pressure exceeding 0.2 Kg/cm<sup>2</sup>.
- **DO NOT** drag the boat across asphalt, stones, broken glass, or other material likely to cause damage to the boat's structure.

### **THE RECOMMENDATIONS:**

- It is recommended that the inflation valves have their caps installed **PRIOR** to the floorboard being installed. Once the floorboard is fully installed, the valves can be un-capped, and the tubes inflated. The protective caps can then be re-installed. This sequence will prevent the caps being snagged during floorboard installation, and preclude the possibility of the caps' retaining straps being snapped.
- Before using the boat, ensure that all relevant equipment, including oars, pump, life jackets, etc., are on board the boat.
- Ensure that the load, including passengers and equipment, is distributed evenly across the length of the boat. If your boat is equipped with a motor, do not increase the speed suddenly. Lack of attention to these details can result in instability and loss of control. Always inform someone of your time and place of departure, your route, and estimated time of arrival.
- It is advisable to take on board an electric torch, navigation charts, a first-aid kit, anchor, and safety grab rope.

## **VII. WARRANTY SERVICE**

I. **Adventure** guarantees that each boat is free from defect in both its material and construction, provided that the boat was purchased from a dealer authorized by **Adventure** to make such sale.

The interventions under the warranty are performed by Adventure Ltd or by its representative or its sub-supplier and without any indemnities.

In case of acceptance of guarantee event by Adventure, transport charges related to it and the ones caused by immobilization and impossibility of usage of facilities will be on the owner of the boat.

II. The guarantee will come into force on the date that the guarantee coupon has been stamped and signed by the Dealer. The guarantee is effective as follows:

- 1) in case of deformation of shape, porosity and rotting, for a period of 24 months;
  - 2) in the event of stratifying, the buoyancy tube seams are guaranteed for a period of 24 months following commencement of warranty;
- NOTE:** The seams are considered stratified when the outside layer is separated from the fabric base, or the seam loses its structural integrity.

3) all other components, including valves, packing bags, towing ring, plastic rigid bottom, are guaranteed for a period of 12 months following commencement of the warranty. This applies to all **Adventure** boats.

III. The guarantee applies only to defects in material and construction. It **does not apply** in cases of fair wear and tear; fissures, craquelures or discoloration of the gel coat; degradation of appearance, if equipment and accessories have visible mark of other supplier or damage caused by;

- 1) negligence, lack of service and maintenance, accidents and misuse;
- 2) use of any unauthorized component or device not made or sold by **Adventure**;
- 3) change of fitted components, or removal of components.

IV. The cost of transportation, launching into water, towing, storage, telephone, rent of storage, inconvenience, loss of time, or any subsequent losses; or any other losses, or damage, or costs arising from accidents, and subsequent expenses arising therefrom, is not covered by this warranty.

The Purchaser must ensure that the boat is delivered to an authorized dealer for repair under warranty. Following examination, repairs will be conducted under warranty provided the damage has not occurred due to any of the eventualities above. Should a boat be submitted for repair under warranty, and it is determined that the damage resulted from other than defects in material or construction, all charges will be the responsibility of the Purchaser.

Any product or component delivered by the Purchaser for examination or repair should be carefully washed and dried.

**Adventure's** obligations under this warranty will be limited to replacement of any component, or components, necessary to compensate for any malfunction which has arisen owing to faulty material or construction, as stipulated in this warranty.

**Adventure reserves the right to change the specification of any product at any time, and will not be obliged to effect this change of specification to any boat already sold or manufactured earlier than such change.**

The boat is constructed in compliance with ISO/CD 6185, relating to «Small Sea Vessels – Inflatable Boats», parts 1, 2 and 3.  
Technical specifications TY Y 35.1 – 19366554-007-2008

**GUARANTEE COUPON**

Produced By:	ADVENTURE LTD. Pers. No. 19366554	Address:	42 BUILDING, 26 ELEKTRYKIV STR., KYIV, UKRAINE, 04176 TEL. 380 44 351 00 41
Model /Boat type/	.....	Serial number	.....
Given standards	ISO 6185, UKRAINE SHIPPING REGISTER THE PRESENT GUARANTEE MEETS THE REQUIREMENTS OF EU DIRECTIVE 2013/53/EU.		
Date and place of sale	..... Dealer Stamp		
Guarantee repair No.1.....			
No.2.....			