

HIGH PRESSURE
BY-PASS LEVER

FIVE-POINT PARACHUTE TYPE ROT-PROOF WEBBING HARNESS WITH SINGLE QUICK RELEASE PIN. MOUNTED ON MOULDED RUBBER BASE WITH EXPANDED RUBBER BACKING

TOGGLE AND CORD TO OPERATE HIGH PRESSURE BY-PASS

WITH A HEINKE LUNG SINGLE AND TWIN BOTTLES ARE INTERCHANGEABLE

MOULDED RUBBER HANDLES WITH NON-SLIP GRIP ENABLING BOTTLE PRESSURES TO BE BALANCED UNDER WATER—OR USED INDEPENDENTLY

HEINKE

TECHNICAL INSTRUCTION COURSES

Courses are provided for Club Instructors and individuals wishing to learn the technical details of the HEINKE-LUNG Demand Valve Regulator Unit. It is an advantage also to customers purchasing Expedition Packs. Full details will be sent on request.

EXPEDITION PACKS

To enable owners to have complete confidence in their equipment and the assurance of knowing that if any fault does occur whilst abroad or on holiday in this country, we can provide sealed packs of spares which can be easily inserted by the user. Full details of these packs will be sent on request. Seven days' notice should be given and Serial Number of Valve (stamped on body casting) should be stated.

GUARANTEE AND AFTER SALES SERVICE

We undertake the servicing of HEINKE-LUNG Demand Valve Regulator Units, which includes the complete stripping of the valve and rebuilding and testing. This work can usually be undertaken within 4—5 days and the owner has the satisfaction of knowing that professional skill and care has been used on this work, which is subject to twelve months' guarantee.

To enable us to maintain personal contact with purchasers of our equipment, we do ask you to complete and return the "Log Card" which is attached to all Demand Valve Regulator Units when despatched from our factory. This is **your** Guarantee.

C. E. HEINKE & Co. LIMITED

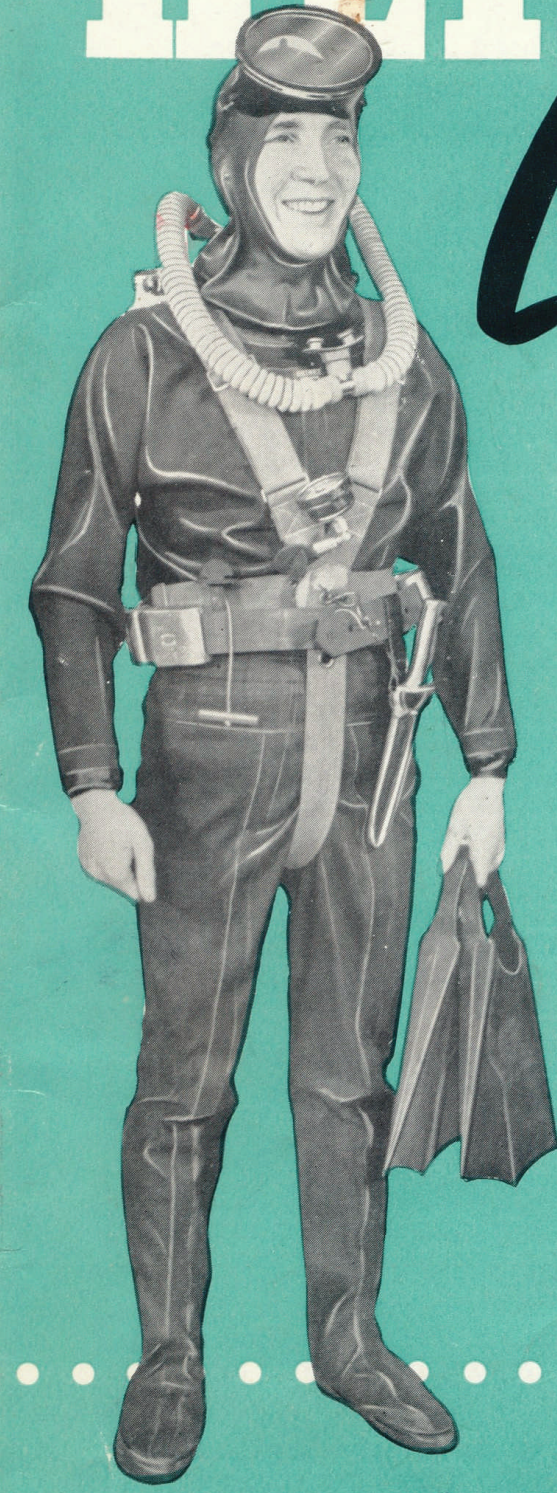
87 GRANGE ROAD • LONDON, S.E.1

Associated Products: STANDARD DIVING GEAR • GENERAL RUBBER MECHANICALS

UNDERWATER SALES LTD.
91, PRINCEPALE ROAD,
NOTTING HILLS,
LONDON, W.11

HEINKE

Lungs



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Manufacturers of all underwater ancillary equipment including DELTA SUIT, FINS, MASK, UNDERWATER COMPASS, etc.

It's experience that counts...

Heinke rank amongst the World's leading underwater specialists... Established 1820.

Choice of the World's experts

HEINKE-LUNGS allow you to forget all about breathing, the air comes to you effortless, in the required amount and at the correct pressure whatever the demand may be.

Each regulator is a highly precisioned piece of engineering of which you, and we, can be justly proud,

THE HEINKE-LUNG

HEINKE-LUNGS are available as single or twin cylinder models, or the various items may be purchased separately to suit individual requirements. Seven suggested assemblies are given in this publication. Demand valves and cylinder connections are interchangeable with other British and French makes.

Only highest grade non-corrodable materials are used in the construction of the valve, body castings being of a specially developed bronze, and all internal working parts machined from Monel metal, with the exception of the Inconel and Nimonic 90 springs.

The Mk. 2 Demand Valve Regulator Unit incorporates a high pressure by-pass which enables the diver to obtain air direct from the cylinder without lung assistance. The by-pass is throttled in operation and allows only a restricted flow of air to reach the diver's lungs. By the operation of a remote control the by-pass will clear flooded tubes and masks of the "full face" type.

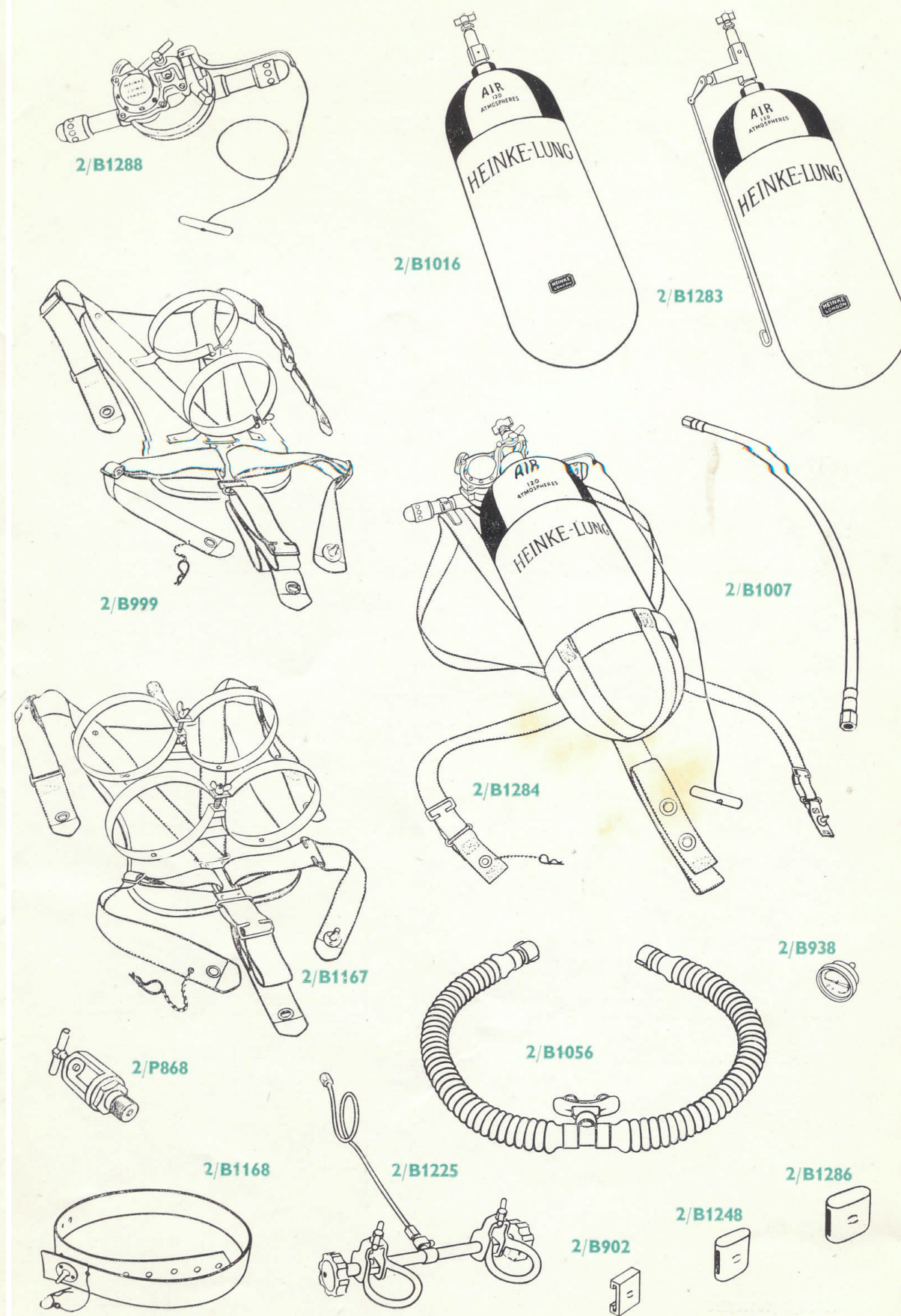
The first stage high pressure valve assembly is of the "Capsule Loading" type, which means that this whole unit can be withdrawn and a service spare fitted by the user, the only tool necessary for this operation being a $\frac{5}{16}$ in. spanner.

Cylinders fitted with reserve valves are not suitable for use with twin cylinder sets but they do enable a single-cylinder Heinke-Lung to dispense with the High Pressure Flexible Tube and Cylinder Contents Gauge Assembly.

The only parts necessary to convert a single cylinder HEINKE-LUNG to a twin cylinder model are a twin cylinder harness, twin manifold coupler, plus one extra cylinder if the owner does not already have a spare.

The approximate duration times for single cylinders are 30 mins. at 20 ft.; 20 mins. at 30 ft.; 10 mins. at 60 ft. The twin cylinder model will last twice as long, or enable the more experienced diver to descend to greater depths.

The reliability of HEINKE equipment can be judged by the fact the HEINKE-LUNG Demand Valve Regulator Units have been approved by the Ministry of Transport and Civil Aviation for use as Fire Fighting Equipment under Notice No. 388.



PARTS LIST

Please refer to price list for FULL SPECIFICATIONS and ORDERING INSTRUCTIONS.

Code No.	Assembly.	Kit Numbers.						
		1	2	3	4	5	6	7
2/B1288*	Mk2 Type HEINKE-LUNG Demand Valve Regulator	1	1	1	1	1	1	1
2/B1056	Set of Breathing Tubes	1	1	1	1	1	1	1
2/B1283	Cylinders, with Reserve Valves	1		1	1		1	
2/B1016	Cylinders, with Plain Valves		1			1		2
2/B1007	High Pressure Flexible Tube		1	1		1	1	1
2/B938	Cylinder Contents Gauge Assembly		1	1		1	1	1
2/B1284	Single Cylinder Type all Webbing Harness	1	1	1				
2/B999	Single Cylinder Type Sponge Harness				1	1	1	
2/B1167	Twin Cylinder Type Sponge Harness							1
2/B1225	Twin Manifold Coupling Unit							1

* Mk.1 Type HEINKE-LUNG Demand Valve Regulator, Code No. 2/B1054, without High Pressure By-Pass, can be substituted for Mk.2 Type on any of the above kits.

SPECIAL NOTE:

It is essential when building up a set that either a Cylinder Contents Gauge and High Pressure Flexible Tube or a Cylinder with Reserve Valve be used, the use of both is an advantage.

- 2/P868 Cylinder Charging Clamp
- 2/B1168 Heinke Pattern Quick Release Type Weight Belt
- 2/B902 1-lb. Lead Weights for above
- 2/B1248 2-lb. Lead Weights for above
- 2/B1286 4-lb. Lead Weights for above

EXTRA ITEMS AVAILABLE BUT NOT ILLUSTRATED

- 2/B1189 Set of Breathing Tubes with Screwed Teepiece connection
- 2/P988 Wooden Carrying Case for Single Cylinder Lungs
- 2/P867 Vulcanised Fibre Carrying Case for Single Cylinder Lungs
- 2/P888 Wooden Carrying Case for Twin Cylinder Lungs
- 2/B1163 Heinke-Lung Valve Spanner
- 2/B1061 Cylinder Valve Washers—6 per packet
- 2/B1055 Breathing Tube Washers—6 per packet

OTHER SPARES ALWAYS AVAILABLE