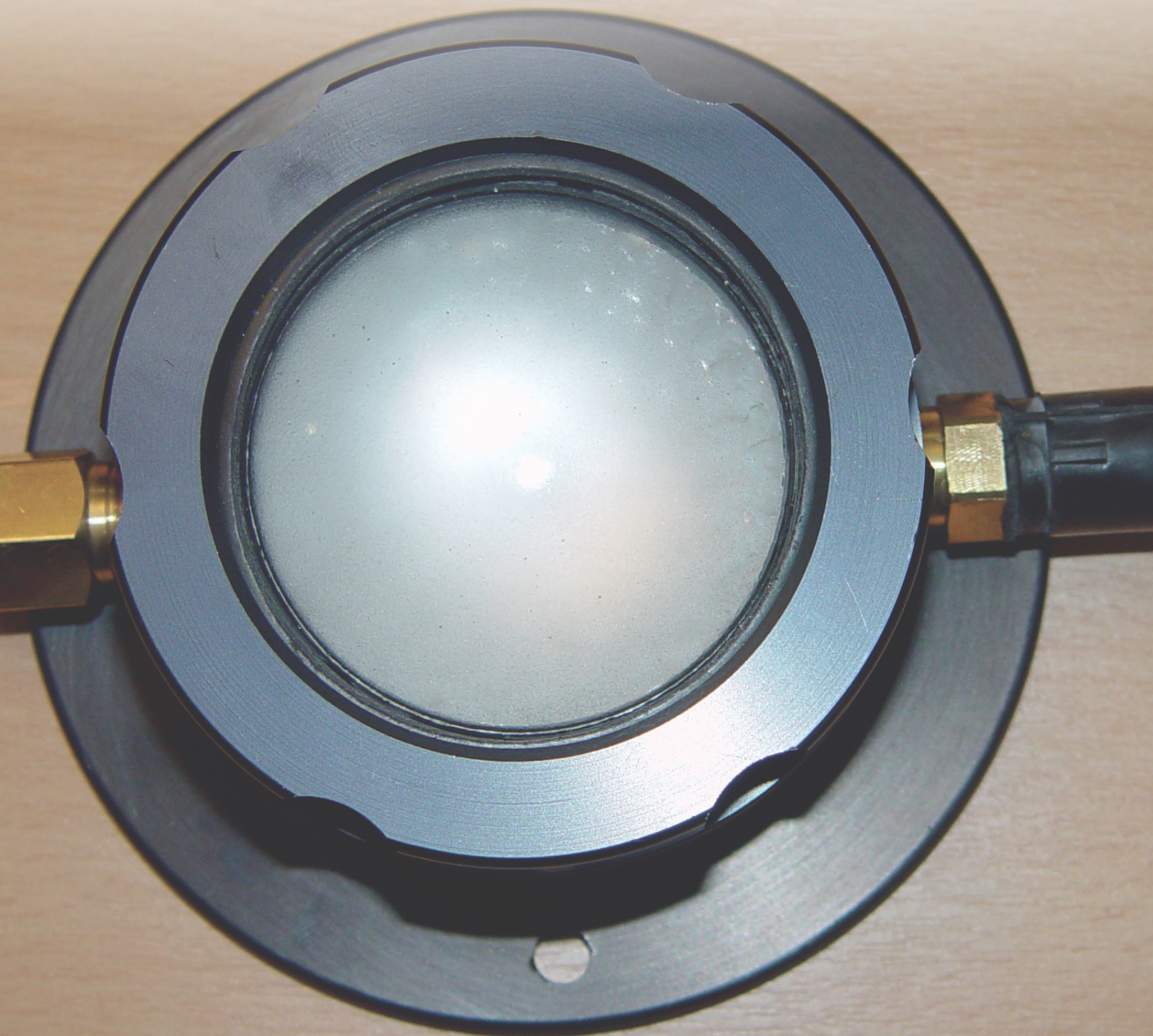


Aquabeam LP-20 Low Profile Hyperbaric Light



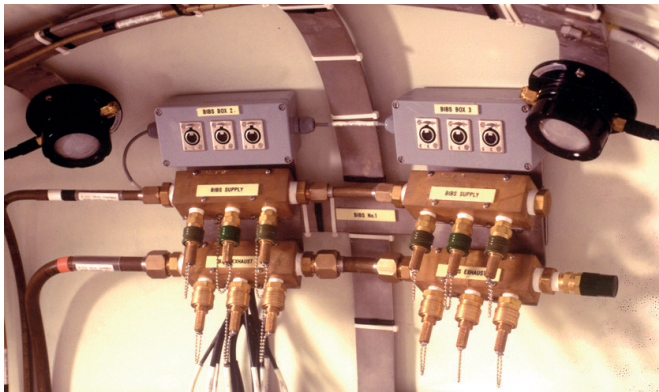
Introduction

The Aquabeam LP-20 is a low profile hyperbaric light fixture designed specifically for installation within the limited confines of the SDC's and DDC's.

The LP20 light offers a high, well diffused output with maximum safety, easy servicing and choice of two operating voltages. The lamphouse embodies a toughened, frosted lens, and is fitted with a relief valve to eliminate postcompression explosion hazard. In the event of helium ingress into the bulb, its effect is minimised in the use of miniature, tungsten halogen capsules, i.e. small bulb - small cavity.

A heat-sink plate is available to increase the base area of the fixture for additional cooling, when it is not mounted directly to metalwork within the vessel.

When the fixture is installed as an individual bunk light, adjacent bunk dazzle may be eliminated by the fitting of an extended bezel. The bezel extension also serves to prevent accidental blanketing of the lens and consequential overheating.



The connector is the Divex RMG-3-MP with stainless steel locking sleeve. In free air at 22°C ambient, the basic fixture operates at 48°C and less than 43°C with the heat-sink plate. Lower operating temperatures may be expected when the basic fixture is mounted directly onto any conductive mass exceeding the dimensions of the heat-sink plate.

Each fixture is hydrostatically tested to 70 Bars (absolute). Greater test pressures will be applied on request.

Electrical specification

Supply voltage	12/24Vdc
Current consumption	1.7A (12V), 0.85A (24V)
Typical luminous flux	300lm
Typical colour temperature	2700K
Lamp life	2000 hours

Bulbs

Volts	Watt	Order code
12	20	LA107
24	20	LA108

Dimensions

	Diameter		Height		Weight	
	mm	inches	mm	inches	Kg	lbs
Basic fixture	114	4.45"	57.0	2.24"	0.66	1.45
With extended bezel	114	4.45"	79.5	3.13"	0.73	1.60
With heat-sink place	152	6.00"	60.7	2.39"	0.91	2.00
With EB and HS	152	6.00"	83.2	3.27"	0.98	2.16

Mounting Holes: 6mm (0.236") dia, 97mm (3.819") between centres.

Order Codes

Aquabeam LP-20
c/w cable tail
LA095

Aquabeam LP-20 Low Profile Hyperbaric
Light c/w switch & RMG 3MP connector
LA096

Aquabeam LP-20 Low Profile Hyperbaric
Light c/w switch & RMG 3MP connector, Ext Bezel
LA096EB

Aquabeam LP-20 Low Profile Hyperbaric
Light c/w RMG 3MP connector
LA098

Aquabeam LP-20 Low Profile Hyperbaric
Light c/w extended Bezel
LA098EB

Aquabeam LP-20 Low Profile Hyperbaric
Light c/w RMG 2MP Connector
LA098AA