



## Salvus BA

The 'Salvus' breathing apparatus is of closed circuit regenerative type employing oxygen. It consists of a cylinder containing 3.5 cubic feet of oxygen at 1,800 lbs. per sq. in. pressure, a valve group, breathing bag, carbon dioxide absorbent and cooler, all of which operate on the same principles as in the 'Proto'\*. The reducing valve is, however, adjusted to give a flow of two litres per minute.

The valve group is connected directly onto the breathing bag, which is of similar construction, and respiration is carried out through one breathing tube only; both the cooler and the absorbent container are inserted between the tube and the breathing bag.

This set was carried on the first machine on two pump stations and was used mainly by the Officer In Charge who, in conjunction with other BA wearers, would carry out snatch rescues or to check the fire situation and decide on a plan of attack. Known in the Service as a half hour set its use could be enhanced by controlled breathing. All oxygen sets were later replaced by the introduction of compressed air in 1960. The Brigade disposed of all its oxygen BA sets for the sum of £150.

