

## Watercooled Breadboard

### Model Numbers

**MBC2412**  
**MBC6030/M**

#### 1.1 Introduction

These breadboards are versions of our popular MB series breadboards that have been plumbed to accept a water supply.

They feature a standard 1.0" or 25 mm hole pitch and are ideal for applications involving sensors, detectors, lasers, LEDs or other apparatus which may require temperature stabilization.

The boards can be used for both cooling or heating, depending on requirements.

Working pressure rated up to 80 psi. Working temperature range 0 to 60 ° C.



Fig. 1.1 MBC6030/M Metric Water Cooled Breadboard

#### 1.2 Connection

The boards are fitted with 1/4" or 6 mm ID fittings for easy connection to a water supply or chiller unit and are shipped with 16' (5 m) of connection pipework.

To connect the breadboard:

- 1) Cut the pipework supplied to the required length
- 2) Trim the pipe edges flush
- 3) Insert the piping into the push to fit connectors
- 4) Connect the other end to your water supply/chiller unit.
- 5) To disconnect the pipework, depress fully the ring surrounding the connector, and at the same time gently pull the pipe straight out

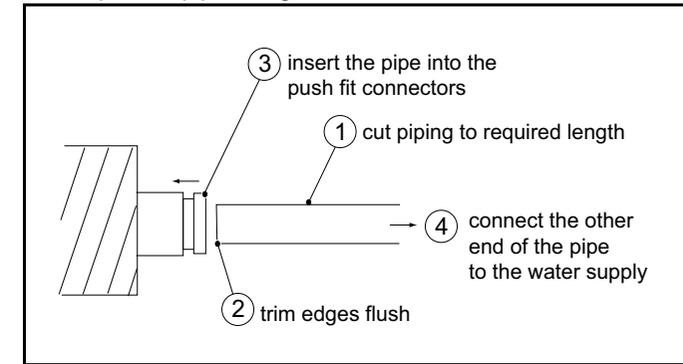


Fig. 1.2 Connecting the pipe fittings

