

# hotwater suit

Our hotwater suit has been developed over the past 20 years. The suit is based around a unique heavy anodized aluminium water distribution valve, with its unique 360 degree stainless steel quick connector.

The water flows along an anti-kink rubber pipe profile, designed by, and unique to, Northern Diver.

The pipes are held in place by a padded neoprene cover for comfort. All pipe runs are directed for comfort during those long bell runs.

The arms and legs can be trimmed to length and the pipe passed backwards through the ladder hole adjusters. There is the facility on the pipe, for the front chest and back neck, to take a hot water feed to the mask to heat the face plate.

The suit is supplied with a 1/4" inline double-barb plastic connector.

The shell body is constructed from high grade non-shrink neoprene with a high rubber solids content, lined on the outside with a durable Swiss pique canvas fabric.

#### Suit features :

- Tested under the Balmoral UK platform, North Sea at 355 metres depth
- Diver climate control system
- Polymer reinforced knee and shin pads. This and the adjacent polymer reinforced embossing which circles the legs in the calf area is ideal for duct taping boots or socks to the suit.
- Two deep pockets with drain holes and equipment attachment eyelets.
- Suit closure is by a heavy-duty Vislon YKK zip
- Wrap-over neoprene neck with fleece lining
- Supplied with one ID badge which is secured to the suit with hook and loop fastening.
- Light reflective strips on upper arms
- CE approved suit for use in excess of 50 metres depth

Sizes available: S, M, ML, MT, MLT, L, LT, XL, XLT, XXL, XXLT, XXXL



## Our Hotwater Valve

**Designed to distribute water around the hot water suit. The inlet source (hot water) is connected to the banjo bolt which is controlled via the control knob.**

**When the control knob is switched to the suit position the hot water feeds the six outlet positions which connect to the internal suit tubing.**

**Moving the control knob to the dump position diverts the water inlet to atmosphere.**



**Denim Hotwater suit also available.**



#### DESCRIPTION

HOTWATER SUITS

#### STOCK CODE

HWS1899-SIZE

**NORTHERN DIVER**

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Helmet photographed supplied by  
**Kirby Morgan Dive Systems, Inc.**

# Hotwater manifold configuration

The first part of the pipe that runs from the manifold is recognised as an area which would normally require regular maintenance.

Northern Divers manifold uses a medium pressure hose, which is anti-kink to EN250, to prevent the hose from breaking at the manifold.

The hose is attached to the manifold using crimped 316 stainless steel ferral's which ensure the hose does not pull away from the manifold. Pull tested to 100kgs.

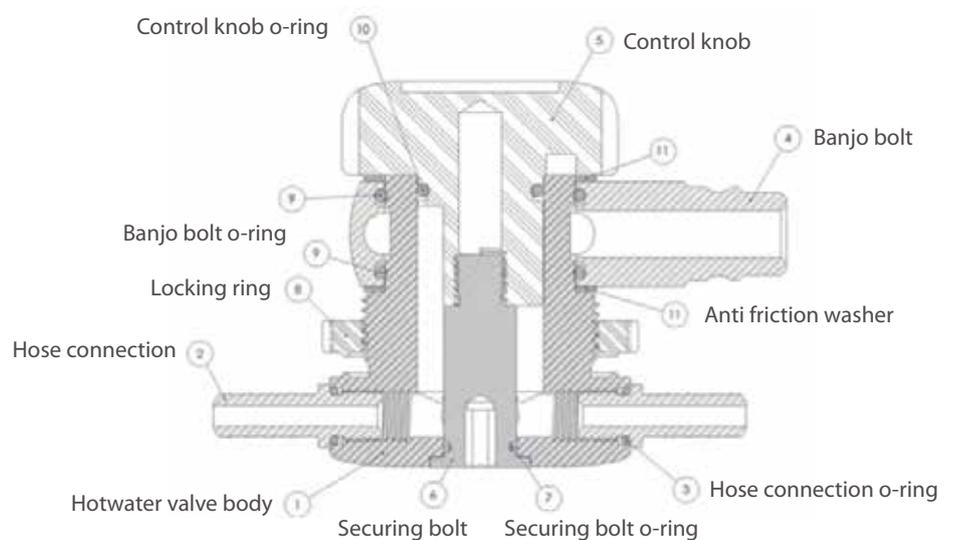
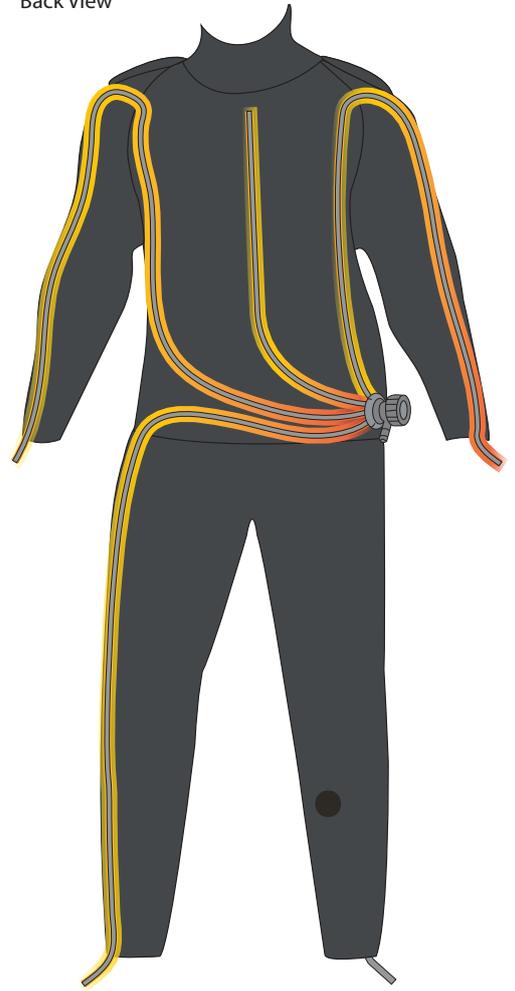
The remaining pipe that runs throughout the suit uses Northern Divers specially developed flat pipe technology, to ensure the diver stays comfortable.

The result: The diver stays warm and comfortable. The technician has minimal work to carry out. The purchaser saves costs over the lifetime of the suit.

Front View



Back View



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