

Application story


WANNERTM
HYDRA-CELL[®] PRO
SEAL-LESS PUMP TECHNOLOGIES



Hot Seawater Keeps Divers Warm

Location	Italy	Hydra-Cell model	G10XKSTSNECB
Type of application	Hot Seawater Keeps Divers Warm	Flow rate	4-22 l/min (1-6 gpm)
Liquid	Seawater	Pressure	4-30 bar (58-435 psi)
Application details	Divers collecting sponges must work at varying depths and water temperatures, and stay submerged as long as possible. To keep the diver warm, hot seawater is pumped into his diving suit through umbilical lines, directly from the surface or through a hyperbolic bell. Seawater at normal temperatures is corrosive, but seawater at 50°C is approximately 4 times as corrosive as seawater at 30°C, attacking mechanical seals. The Hydra-Cell G10 pump handles hot salt water without difficulty and is easily controlled (by varying motor speed) to deliver it at flow rates and pressures to suit the different working conditions in which the divers operate. The pump is working 8-12 hours each day through a 5-6 day week.		
Advantages of Hydra-Cell pump on this application	Compatibility with hot salt water. Ability to operate flexibly over the required pressure range. Very accurate control of flow. Reliable performance. Low maintenance.		

www.hydra-cell.co.uk

Wanner Engineering -
World Headquarters & Manufacturing
Minneapolis USA
t: (612) 332-5681
e: sales@wannereng.com

Wanner International
Hampshire UK
t: +44 (0) 1252 816847
e: sales@wannerint.com

Wanner Pumps
Shanghai CHINA
t: +86-21-6876 3700
e: sales@wannerpumps.com

Wanner Pumps
Kowloon HONG KONG
t: +852 3428 6534
e: sales@wannerpumps.com