

Looks good, feels good!

Australian company HydroCo makes the most prestigious hydrotherapy and wellness equipment in the world. From Vichy showers to hydrotherapy tubs, body treatment capsules to turn-key hammam installations, HydroCo's reputation within the wellness industry is second to none. HydroCo equipment is found in day spas around the world, including onboard the Queen Mary 2, as well as in the private residences and chateaux of the rich and famous. HydroCo have even made equipment for non-humans, such as treadmills for the racing camels of rich oil sheiks. HydroCo's reputation is a result of constant innovation and a totally uncompromising approach to quality.

SPLat Controls have been exclusively making all the electronic controls for HydroCo, and for previous companies run by its founder, since the mid-80's. HydroCo elect to have SPLat do all the controller programming and to assist with product integration.

The HydroCo R1 hydrotherapy tub is the most recent product from HydroCo. Its elaborate control system includes 6 zones of water jets, air jets and a hand wand. 8 levels of water level detection prevent accidents from running jets with too little water in the tub. The tub features automatic chemical sanitisation and injection of therapeutic mud, and has a SPLat designed custom LED based coloured lighting system to promote client relaxation.

The main controller is a custom SPLat controller designed specifically for HydroCo. The tub's therapy programs are governed by a domain-specific scripting language which is executed by the SPLat virtual machine, allowing special requests to be accommodated with ease.

The operator interface was implemented using a pre-release a SPLat HMI430 controller with colour touch screen, which takes care of all GUI and user interaction functions. The HMI430 allowed professionally designed graphics to easily be incorporated into the display functions.

HydroCo is an example of a relatively small company that has effectively leveraged SPLat Controls' innovative control systems and concept-to-production support to bring to market a range of world class products.

".. SPLat Controls is a sound company with highly professional engineering and excellent quality production. Their contribution to the success of our companies has been most significant."

- Brian Gay, Founder, HydroCo, Australia



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