

HABANERO LIMITED WARRANTY

The Habanero heat exchange module carries a the following warranty against faulty materials or a manufacturing fault from the date of purchase;

- Commercial installations 5 YEARS, full replacement parts and labour.

The above terms apply subject to and providing that;

- Any claim follows the process defined in this document below.
- Any labour charges must be pre approved in writing before any work commences and are subject to limitations described within this document.
- The module has been correctly installed as per this document and any relevant local standards, regulations and codes of practice in force at the time.
- The module is installed in an accessible location with sufficient clearances to remove and replace the unit without remedial building work.
- It has not been modified in any way.
- It has not been misused, tampered with or subjected to neglect.
- The module must be connected to water supplies meeting or exceeding guidance values from New Zealand Drinking Water Standards 2008.
- The module is charged with water before turning the electricity supply.
- It has not been subjected to frost damage.

LIMITATIONS AND CONDITIONS

This limited warranty;

- Is not transferable, and rests with the original householder.
- Does not cover the effects of scale build up and or corrosion.
- Waterware Services Ltd. shall in no way be liable for any loss, damage (direct, indirect or consequential), cost or expense suffered or incurred by the purchaser.

Obligations accepted by Waterware Services Ltd. are.....

..... in addition to all other rights and remedies had by the Purchaser in law in respect of the valve and does not limit the right the Consumer may have under the Consumers Guarantee Act 1993.

..... subject to the exceptions and conditions previously listed. All expressed or implied conditions, statements or warranties as to the quality or fitness on any purpose of a tap or valve or otherwise are hereby expressly excluded to the fullest extent permitted by law except under conditions and warrants which cannot be legally excluded by law and which are intended in the contract for the supply of the valve by the Trade Practises and any other Act of Law.

We reserve the right to change and alter any specification and / or parts without notice. Any parts changed will perform similar or better functions to the ones they have replaced and we are not liable for any claims made by anyone because of this substitution.

GUIDANCE IN THE EVENT OF A PROBLEM

In the event of a problem, in the first instance contact the original installing plumber, or the plumber who carries out the annual servicing to determine the fault. If a manufacturing fault is suspected, contact Waterware Sales immediately for advice on how to proceed. Under no circumstances will liability be accepted for any costs associated with a suspected fault without prior consent or instruction. Upon inspection of the original unit by either a Waterware employee or an appointed service agent and a manufacturing fault is deemed to be at fault and provided all the terms and conditions within this document have been adhered to then the above warranty terms will be applied.


WATERWARE

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WATERWARE

Habanero Installation Manual



CYSH100: 100kW Habanero module
CYSH200: 200kW Habanero module

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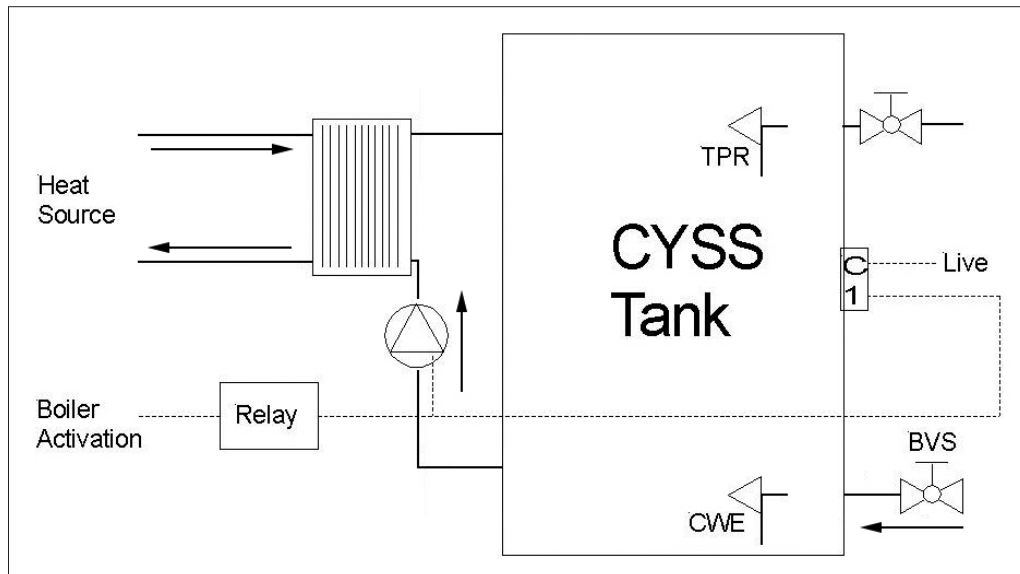
HABANERO DESCRIPTION

In place of the traditional coil in tank style calorifier, together with RM Cylinders we have developed an external heat exchanger module which manifolds directly into the accumulators pre-arranged ports. This allows a significantly higher kW transfer than would normally be possible if using internal heat exchange coils while also retaining the full 500L or 1000L storage capacity. The result is large volume hot water production for less cost and a smaller foot print. The 500 and 1000L share the same convenient tapping size and positions which will accept both the 100kW or 200kW 'Habanero' modules.

Technical Specifications

	CYSH100 (CYSH200)
Heat exchanger brand/type:	GEA / AISI304 Brazed plate
Maximum transfer:	100 kW (200 kW)
Primary required flow:	8.8m ³ /hr (14.7m ³ /hr)
Primary pressure drop:	41 kPa (35 kPa)
Secondary pump type:	32mm Bronze re circulating
Voltage:	230V
Pump speed setting:	#2 (#3)
Maximum consumption:	190 watt (225 watt)

WIRING SCHEMATIC



ASSEMBLY INSTRUCTIONS

1. Fit the 50mm Male x 32mm Cu connectors (A) in to the habanero ports in the tank
2. Fit the 32mm Male x 32mm Cu Connectors (B) to the pump
3. Fit the 32mm Female x 32mm Cu Connectors (C) to the HX
4. Fit the "Z pipe" with the long tail (D) into the top Habanero connector on the tank
5. Fit the "Large elbow pipe" with the long tail (E) into the bottom Habanero connector on the tank
6. Hang the HX off the "Z pipe"
7. Fit the "Medium elbow pipe" with the short tail (F) into the HX
8. Fit the pump between the "Medium elbow pipe" and "Large elbow pipe"
9. Align the assembly to be straight and true, tighten the compression fittings
10. Fit the saddles and pipe clamps (*not supplied*)
11. Set pump speed to #2 for 100kW or #3 for 200kW

