

CE DECLARATION OF CONFORMITY

We declare that the heat exchangers named below are designed and manufactured in accordance with the sound engineering of The Netherlands in order to ensure safe use of preheating fresh water by waste water.

Designation of the heat exchanger : Q-Blue BV
Heat exchanger type : Showersave® QB-types
Relevant Guideline European Parliament : 2014/68/EA
Applied Harmonized Standards : EN1717

Signature of manufacture representatives:

Name	Position	Date	Name	Position	Date
H.T. Müller	managing director	01-12-2016	A. Gordon	managing director	01-12-2016



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Note: all standards used were current and valid at the date of signature(s)

INFORMATION FOR SAFE INSTALLATION, OPERATION AND MAINTENANCE OF Q-BLUE HEAT EXCHANGERS

To be read in conjunction with the relevant Product Documentation (see 2.1)

1.0 GENERAL

1.1 The equipment referred to in this Declaration of Incorporation is supplied by Q-Blue to be assembled in location within a piping system and may or may not have additional components.
The entire system must be considered for safety purposes and it is the responsibility of the installer to ensure that all of the equipment is installed in compliance with the manufacturers recommendations and with due regard to current legislation and codes of practice.

2.0 INFORMATION SUPPLIED WITH THE EQUIPMENT

2.1 Each item of equipment is supplied with a set of documentation which provides the information required for the safe installation and maintenance of the equipment. This may be in the form of a Data sheet and/or Maintenance instruction.
2.2 Each unit has a label attached. The label provides essential data relating to the equipment such as serial number and equipment data. Any further data that may required will be found in the documentation. If any item is unclear or more information is required contact Q-Blue.
2.3 Where warning labels or notices are attached to the unit, the instruction given must be adhered to.

3.0 TRANSPORTATION, HANDLING AND STORAGE

3.1 Care must be taken at all times to prevent damage to the equipment.
3.2 When handling the equipment, care should be taken with corners and edges and that the weight distribution is considered.
3.3 Equipment stored on side prior to installation should be protected from the weather and steps should be taken to prevent ingress of contaminants.

4.0 OPERATIONAL LIMITS

4.1 It is important that the specified operational limits for the equipment are adhered to.
4.2 Where installation accessories are supplied with the specified equipment e.g. wall mounting brackets, they are to be used to support the equipment only.
4.3 Rotators and adapters are provided for the purpose of connecting the heat exchanger to the waste system.

5.0 INSTALLATION REQUIREMENTS

In addition to the particular requirements given for the individual product, the following general requirements should be noted:
5.1 When no cold water is flowing up the heat exchanger (all Showersave®-QB-types) the temperature in the heat exchanger should not become higher than 25°C.
5.2 The heat exchanger (all Showersave®-QB types) may not be installed near heat conducting pipes, on warm surfaces or in spaces with constantly high temperature (>25°C).
5.3 The cold water pipe connected, and the outer wall pipe of the heat exchanger (all Showersave®-QB-types) must not be insulated.

6.0 COMMISSIONING REQUIREMENTS

6.1 General pre-commissioning checks relevant to safe operation consists of the following:
-Ensure that no foreign bodies are present within the heat exchanger
-Check protection of the system
-Check operation
-Check fastenings
6.2 Other commissioning requirements are given in the relevant product documentation.

7.0 OPERATIONAL REQUIREMENTS

7.1 Equipment access must be easily obtainable and the unit must be secured with the original fastenings.
7.2 If failure of equipment occurs or is suspected then a competent person can effect repair or examination.

8.0 MAINTENANCE REQUIREMENTS

8.1 Specific maintenance requirements are given in the relevant product documentation.
8.2 It is important that the correct tools are used for the various tasks required.
8.3 Care should be taken when installing and removing the heat exchanger.