

# BetaLine-Eco UV-system

Technical specification sheet

Subtype

Biodosimetric tested acc to

Year of type approval

BLE2.130

Type E

Onorm M5873-1:2011

2015

## **UV chamber type BLE**

Material  
 Roughness, internal  
 Shape of construction  
 Connection, basic  
 Mounting  
 Max. waterpressure  
 Number of UV lamps and quartzsleeves  
 Type of UV lamp  
 UV lampconnection  
 Quartzsleeve(s)  
 Fixation of quartzsleeves  
 Type of quartz, standard  
 Protection class  
 UV sensor, Onorm  
 Anti-fouling mechanism, manual, Mc  
 Anti-fouling mechanism, electrical, Ec/L4  
 Temperature detector  
 Drain/deairationconnection (1/4")  
 Flangeconstruction for easy access into the chamber  
 Weight, empty – filled, abt.  
 Dimensions

stainless steel 316L (1.4404)  
 max. 0,6 to 1.0 micron  
 L-shape  
 NW80  
 horizontal alt. vertical  
 10 bar  
 2  
 E130  
 one-sided  
 one-side closed  
 two-sides fixed  
 Q130  
 IP54  
 included  
 included  
 option  
 option  
 included  
 included  
 30 - 70 kg  
 see drawing

## **Control cabinet**

Material  
 Dimensions at standard power supply (h x w x d)  
 Power supply, standard  
 Connected power  
 Installed power  
 Frequency  
 Protection class  
 Ballast type  
 Electrical cables between chamber and cabinet

painted steel  
 600 x 400 x 200 mm  
 230Volt 1L+N  
 maximum 360 W  
 0,4 kVA  
 50 or 60 Hz  
 IP54  
 electronic  
 included (5 meters)

## **Basic controller type**

Display for read-out  
 ON/OFF switch  
 Hourscounter  
 Power ON indication  
 UV signal indication  
 Warning contact  
 Main valve contact (24VDC or 230VAC, max. 3A)  
 UV intensity read-out (W/m2)  
 UV intensity output  
 Remote Start/Stop  
 Flow input

## **Lambda2**

2 lines with 16 characters  
 Included  
 Included  
 Included  
 UV intensity readout (W/m2)  
 Potential free change over contact  
 Change over contact  
 included  
 Included, 4-20mA  
 Included  
 Included, 4-20mA