

T1 Shower

Class II



Versions

AG	27EV010022	T1 CLASS II 1 Outlet
	27EV010025	T1 CLASS II 1 Outlet with Wi-Fi

Technical Specifications

General

Technology	Patent pending
Maximum load	≤ 25 W (Stand by ≤ 1W)
Rated impulse voltage	12 VDC
Hydraulic connections	G1/2, G3/8, John Guest ^{*(1)}
Weight	0,7 kg

Temperature	Min	Max
Recommended input hot water range	48 °C	65 °C
Recommended input cold water range	5 °C	28 °C
Max. inlet temperature		65 °C ^{*(2)}
Min. inlet temperature		> 0°C
Mixed range	Full cold - 44°C ^{*(3)}	

Pressure

Max. dynamic	5 bar (0,5 Mpa)
Min. dynamic	1 bar (0,1 Mpa)
Recommended dynamic	3 bar (0,3 Mpa)
Max. Different supply	1,5 bar (0,15 Mpa)
Burst	> 35 bar (3,5 Mpa)

Flow rate ^{*(4)}	Min	Max
Mixed water	4 l/min	26,7 l/min
Full cold- Full hot water	4 l/min	14,9 l/min

Description

T1 electronic water valve is a thermostatic mixer “CLASS II” valve. It is designed to be connected with an interface to control the water temperature and flow rate in a digital way. It has Wi-Fi connectivity as an option with special functions.

Features

Thermostatic control
 Flow static control
 Automatic start-up
 Pause
 Eco flow
 3 users memory

Special functions

- Warmup shower
- Child Shower
- User configurable programs
- Intelligent Bath fill mode

Maintenance functions

- Thermal disinfection
- Impurity cleaning process

Consumption parameters Reading and control

- Hot and cold temperature (inlets) & mixed (outlet)
- Hot and cold flow rate (inlets) & mixed (outlet)
- Water volume (cold, hot, mixed)
- Time of use
- Number of users

Maintenance alarms and error diagnosis

- Cold and hot water leakage
- Cold and hot water failure
- Hot water temperature low
- Cold water temperature high
- Sensor malfunction
- Maintenance function error

^{*(1)}: On demand

^{*(2)}: Up to 80°C, less than 20 minutes

^{*(3)}: Configurable up to Full Hot on OEM demand

^{*(4)}: 3 bar DN13 inlets, free flow outlets

Certifications

Electric Standards

EMC	EN 55014-1, EN 55014-2
SAFETY:	EN 60335-1
RoHS:	IEC 63000

Hydraulic Standards

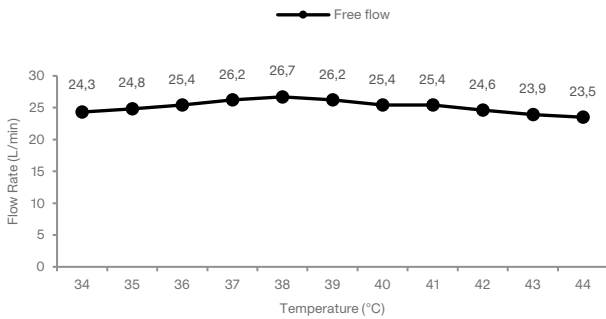
- QB2806-2017
- EN-817
- EN-1111
- ASME #112.18.1
- ASSE #1016-T,-P*

Sanitary Standards (Ready for...)

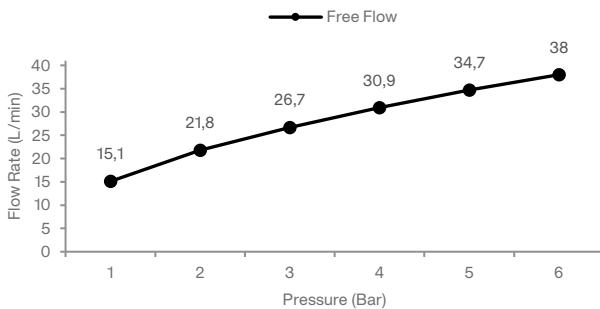
- ACS
- KTW/W270
- WRAS
- NSF61

Flow Rate Detail

Max Flow Rate VS Temperature (3 bar, DN13)



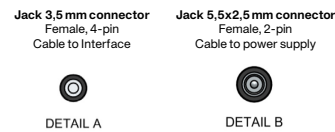
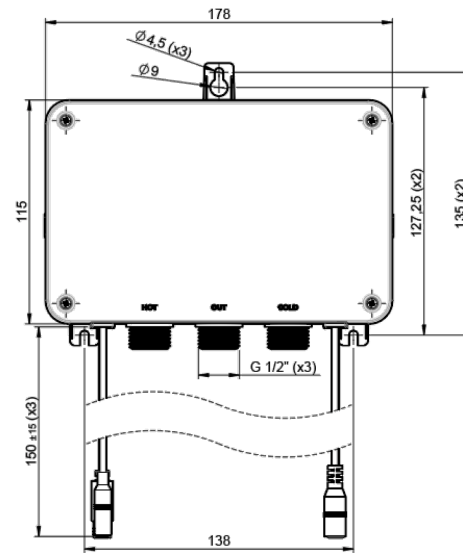
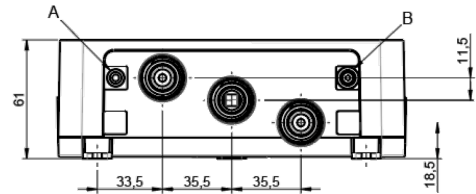
Max Flow Rate VS Pressure for 1 outlet (DN13)



Connectivity

RS485 Modbus RTU standard with open memory map registers to control the device.

Technical Dimensions



Installation Requirements

Installation of filter Mesh 80 in the hydraulic line. Position, size and type of filter must be mounted upstream of the mixer and acc. to EN817/ASME 112.18.1M

More information: www.sedal.com