

**GW 121Z; GW 122Z; GW 123Z;  
GW 121X; GW 122X; GW 123X;**

### Description:

The urinal electronics responds after use only (it senses and evaluates the temperature changes of liquid in the urinal). The duration of flushing (amount of water) can be easily set up by an attached magnet. A valve with an elevated resistance against deposition of limescale AKM (-M added to the product code) can be ordered with the urinal. Supply sources and remote control can be supplied as optional accessories.

### Parameters:

	<b>GW 12..Z</b>	<b>GW 12..X</b>
Supply voltage	AC 20 V	DC 6 V (CRP 2 battery)
Power consumption	9,5 W	Pulse operation – battery service life 2 years minimum
Duration of flushing	2 ÷ 20 seconds	
Input water pressure	0,1 ÷ 1 MPa	
Input water connection	G 1/2"	
Waste water drain	Drain valve for water Ø50 mm (Novodur plastic)	

### Recommended accessories

<b>GW 091Z</b>	AC 20 V source for connection up to 3 urinals at once
<b>GW 092Z</b>	AC 20 V V source for connection up to 5 urinals at once
<b>CRP 2</b>	Lithium battery 6 V

### Accessories

#### GW 091Z



#### GW 092Z



#### CRP 2 battery



### Examples of Urinal design

#### GW 121 - GOLEM



#### GW 122 - APOLLO



#### GW 125 - NOVA (FELIX)



#### GW 123 - LIVO



# Installation

## Installation schematics

## Mounting holes for urinals

Fig. 1

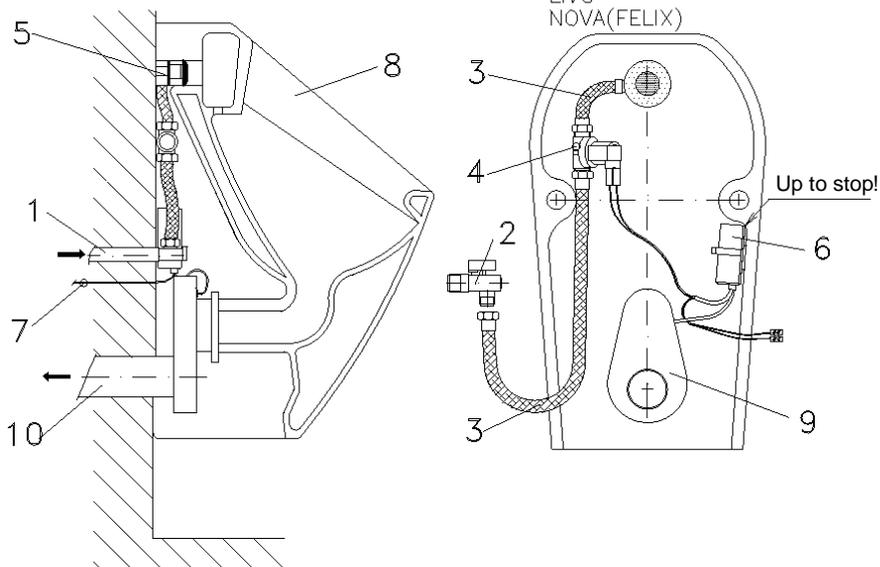
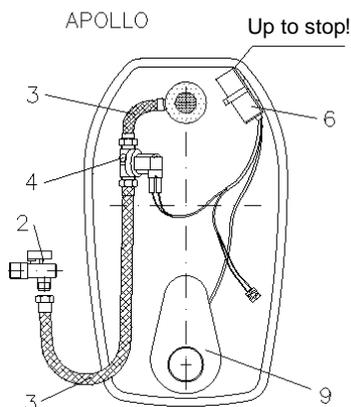
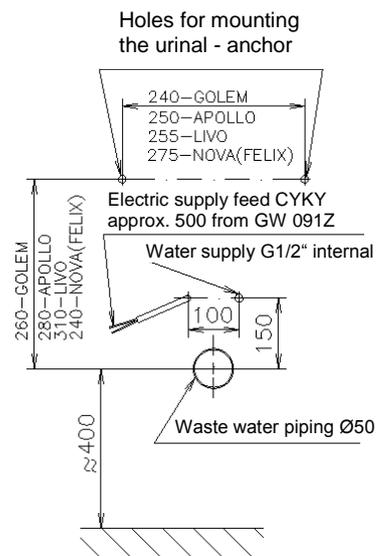


Fig. 2



- 1 - Water supply
- 2 - Corner valve with a filter
- 3 - Connecting hose
- 4 - Solenoid valve
- 5 - Flushing water release with a sealing
- 6 - Control electronics
- 7 - 20 V AC voltage feed (GW 12..-Z)
- 8 - Ceramic body of urinal
- 9 - Self-priming siphon
- 10 - Discharge piping

## Assembling recommendations

- Assembling of water system and electrical installation must conform to the current standards and it can be carried out by professionally authorized persons only
- It is recommended to remove impurities and sediments in water supply by flushing (this would prevent possible damage to solenoid valve)
- A corner valve with a filter shall be connected to the water supply and the interconnecting hose shall be connected to the solenoid valve (see Fig. 1)
- The FASTON connectors shall be pushed onto the output knife contacts of the solenoid valve and supply voltage shall be connected to the terminal board.

## Example of placing an order:

**GW 121Z** – GOLEM Automatic urinal, supply AC 20 V, electromagnetic valve input/output G\*

**GW 121Z-M** – GOLEM Automatic urinal, supply AC 20 V, electromagnetic valve input/output G\* – AKM