



# STARWAY 5

- INSTALLATION INSTRUCTION



## STARWAY 5 VALVE INSTRUCTION MANUAL

### PREMISE

Starway 5 is a motorized valve for automatic backwashing of sand filters. It is powered at 24v DC 1.5A and, once connected to the power supply, it will automatically position itself in the filtration position. In the standart configuration, the maximum operating pressure is 2,5 BAR.

Starway 5 is supplied with a 4-meter multipolar cable (6x0.5).

### OPERATION

To move the valve to the backwash position, close the relay or switch contact connected to wires 1 and 2 or 3 and 4 (fig. 1 page 4)

In case of use with POOLTRONIC control units, refer to fig. 2 pag. 4 and their manuals..

#### FILTRATION MODE

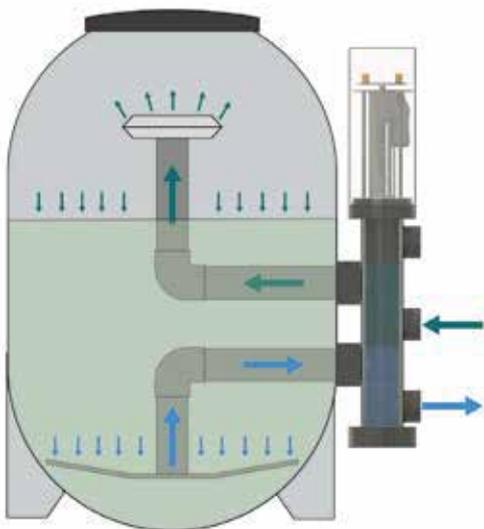


fig. 1

#### BACKWASH MODE

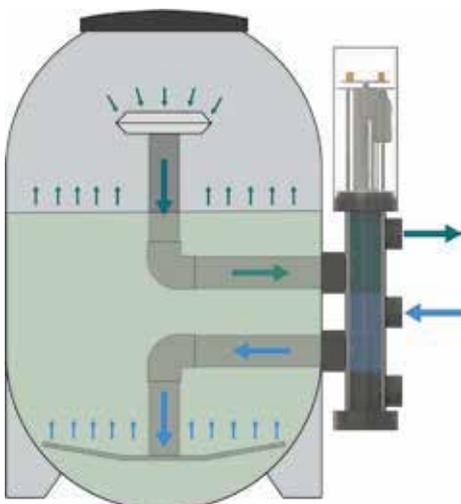


fig. 2

#### RACCORDI

- A: Raw Water
- B: Filtered Water
- C: Sewer line
- D: Pump connection
- E: Return to the pool

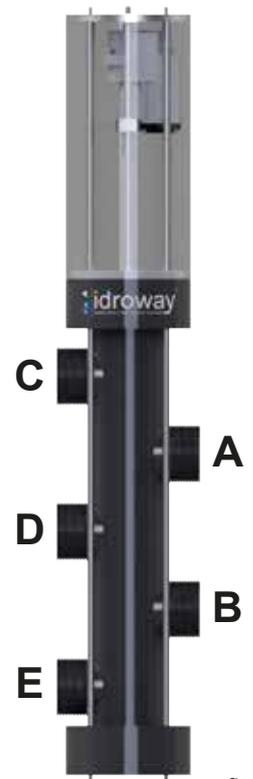


fig. 3

#### FITTINGS POSITION

Each fitting of the Starway 5 valve can be rotated 90 ° in any direction.

To rotate the fittings, it is necessary to unscrew the 4 bolts on the bottom of the valve, extract the fittings and position them as desired. Once the fittings have been positioned, carefully insert them along the guides, paying attention to their sealing O-RINGS. When retightening the screws, proceed crosswise little by little until the space between the fittings is zero.

## VALVE INSTALLATION

The fittings of the 1 1/2" Starway 5 valve and the 2" valve are male threaded while, for all other diameters, these are internally glued. It is preferable to make the connections of the backwash valve with sleeves or flanges to make possible future dismantling possible.

## INSTALLATION ON THE FILTER

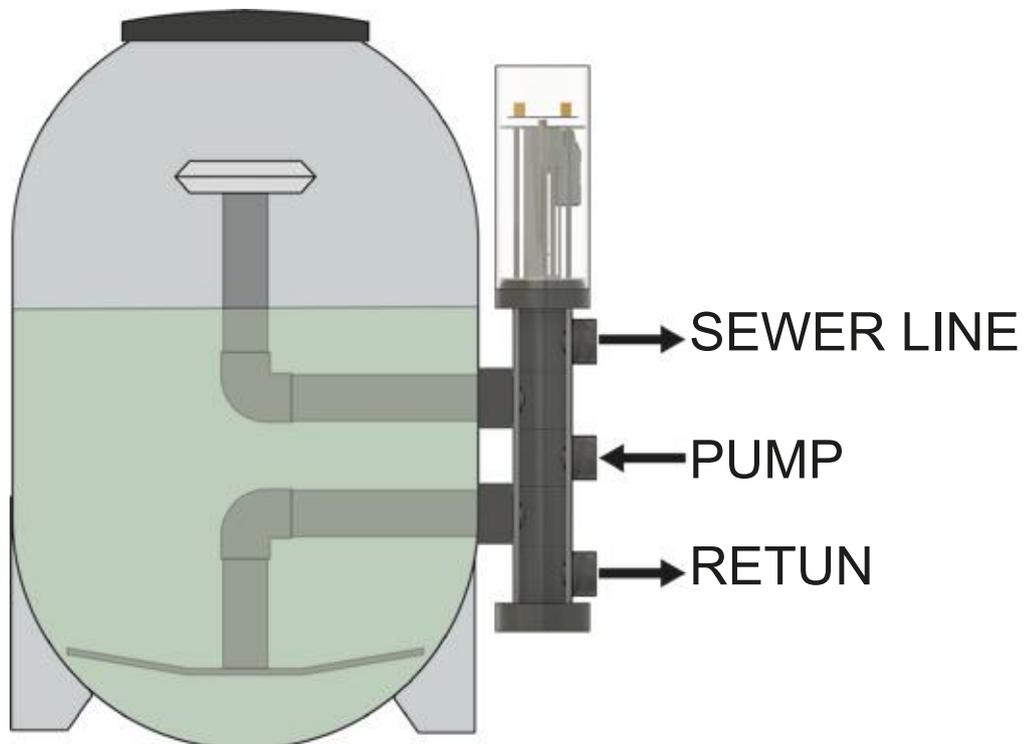


fig. 4

## INSTALLATION ON THE WALL

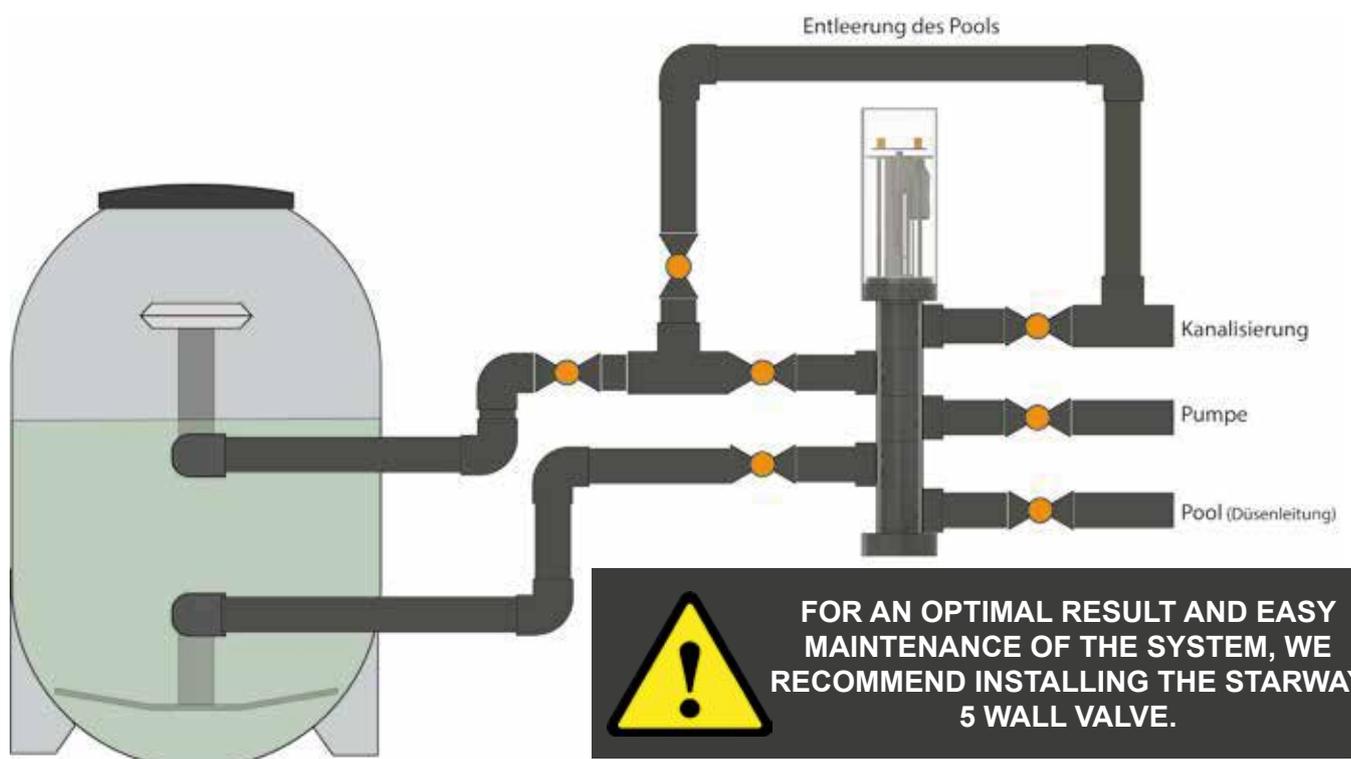


fig. 5

## ELECTRICAL INSTALLATION

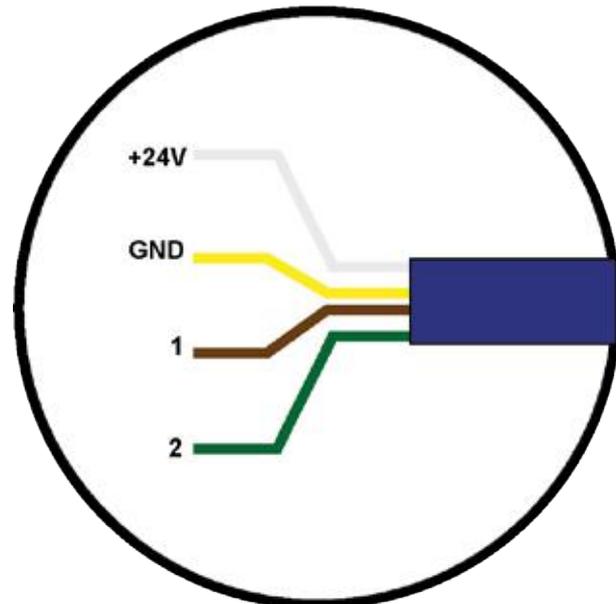


For correct operation, STARWAY 5 needs to be powered at 24V DC and min. 1.5A. To move the valve in the backwash position it has n. 1 NO dry contact input, therefore one or more switches or relays must be set up (for example: STARWAY DRIVE CONTROL UNIT, WEEKLY TIMER, RELAY, SWITCH).

### STANDARD ELECTRIC CONNECTION

24V DC POWER SUPPLY: +24V, GND

RELAY/SWITCH 1: 1, 2\*

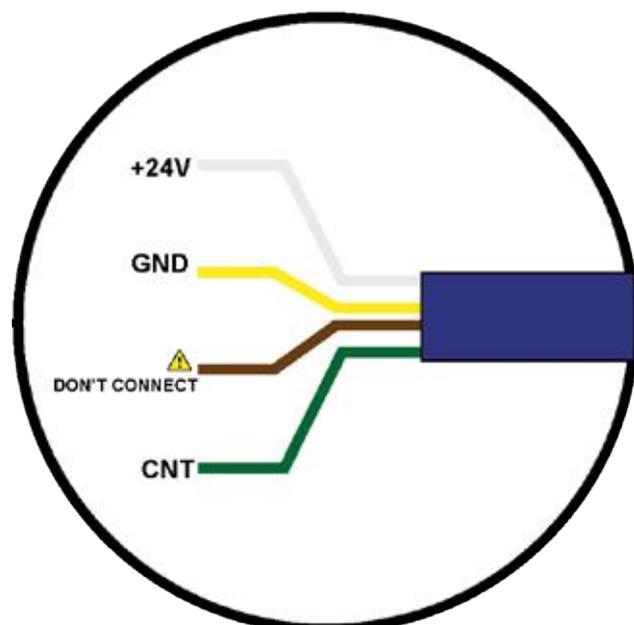


\* OPENED CONTACT = FILTRATION MODE  
CLOSED CONTACT = BACKWASH MODE

fig. 6

### STANDARD ELECTRIC CONNECTION

POOLTRONIC: +24V, GND, CNT



\* OPENED CONTACT = FILTRATION MODE  
CLOSED CONTACT = BACKWASH MODE

fig. 7