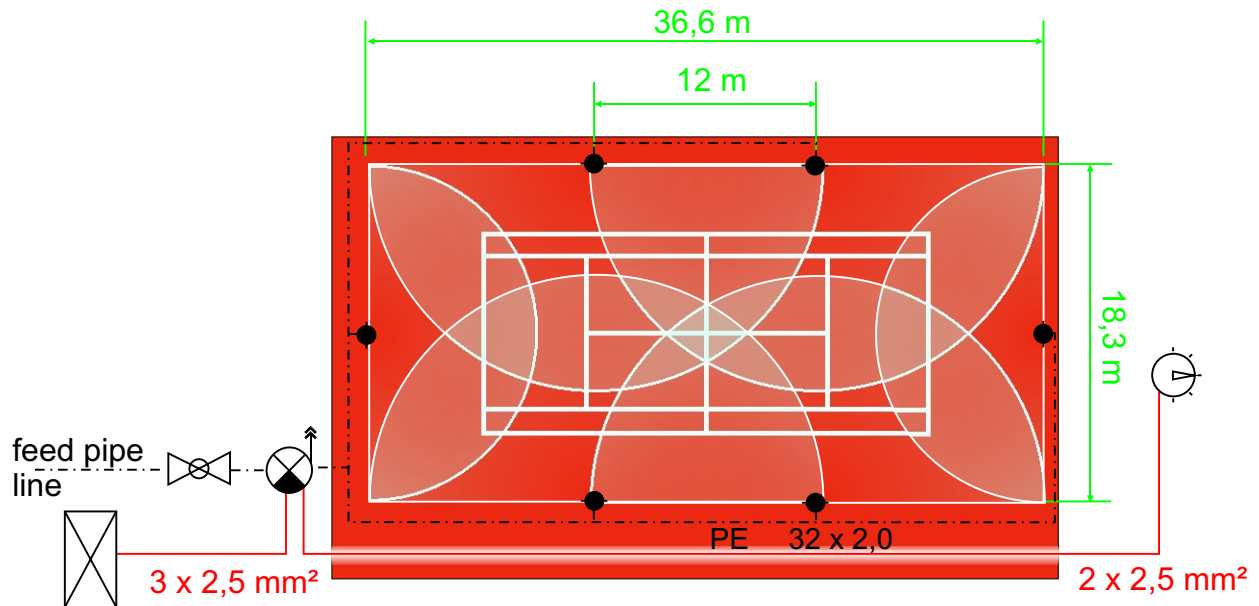


# TENNIS COURT IRRIGATION

## Installation guide for a tennis court irrigation scheme – single court:

Permanent - fully automatic control - single court pop-up irrigation scheme

Starting the irrigation by means of a controller, or by a short interval time clock.



### Legend:

	PE-pipe		part circle pop-up sprinkler
	control cable		solenoid valve MVR 1"
	control system		with drain assembly
	ball valve		short time clock

### Irrigation sequence:

All sprinklers of a single tennis court are combined in one irrigation section.

### Water consumption:

1 sprinkler  $Q = 1,2 \text{ m}^3/\text{h}$   
 Max. consumption per irrigation section  $Q = 7,2 \text{ m}^3/\text{h}$

### Operating pressure:

Pressure at the sprinkler nozzle  $H = 4,0 \text{ bar}$   
 Required flow-pressure at the valve at a water take-off of  $7,2 \text{ m}^3/\text{h}$   $H = 5,0 \text{ bar}$

### Precipitation:

Average precipitation  $10 \text{ mm/h}$

### No. of sprinklers:

LVZA 22 WT, nozzle 4,0 mm **6 pieces**

BA 10154