

# Quick Valve



The Quick Valve is a small ebb and flow valve for fixed and mobile panels that allows water to be easily supplied and quickly discharged. The valve is designed with a separate drainage system that operates on the syphon principle. Feed and discharge flows remain separate.

## CHARACTERISTICS

- ✓ Automatic oxidation of fertilisers during the filling of the ebb and flow containers and trays using the venturi effect of the syphon by which air is drawn in
- ✓ Possibility of regulating the filling speed by means of different hole sizes (can be bored individually as an option)
- ✓ Reliable operation as there are no freely moving parts

## TECHNICAL DATA

Filling capacity	: see table
Passage opening	: 4 mm (standard), can be bored out to 10 mm steps)
(do this in	
Discharge capacity	: approx. 28 litres/min.
Feed connection	: nut fitting 8-12 mm
Discharge connection	: 20 mm OD (16 mm ID)
Mounting hole diameter	: 27 mm
Feed recommendation	: LDPE line 12x10 mm (4,0 to 6,0 mm passage) ½" Tricoflex or Torsino (6,5 to 8,0 mm passage) ¾" Tricoflex or Torsino (8,5 t/m 10,0 mm passage)
Discharge recommendation : Tricoflex or Torsino ¾"	

## Quick valve filling capacity (l/min) with passage opening (mm)\*

Pressure (bar)	LDPE line 12x10 mm					Tricoflex or Torsino ½"				Tricoflex or Torsino ¾"			
	4,0	4,5	5,0	5,5	6,0	6,5	7,0	7,5	8,0	8,5	9,0	9,5	10,0
1,0	9,2	10,5	12,8	15,2	16,7	18,5	19,7	21,2	21,4	22,1	22,4	23,5	26,2
1,5	11,4	12,8	16,2	19,1	21,6	23,2	24,9	26,6	26,8	27,5	29,4	32,2	
2,0	12,6	14,2	16,7	21,6	24,7	26,7	28,7	29,5	31,5	32,6	33,3		
2,5	14,2	15,7	19,4	23,5	27,4	30,1	32,5	33,7	35,3	36,0			
3,0	15,1	17,6	20,6	24,7	29,5	32,4	35,4	36,3	38,8				
3,5	16,4	18,4	21,7	26,1	31,2	33,8	38,0	40,0					
4,0	16,6	19,1	23,0	27,5	32,5	36,4	39,1						

## Working principle

