

AZUD | QGROW flex

Automatic fertigation equipment for automated and simultaneous multi-injection of nutrients to the irrigation system.

Technical characteristics

Integration capability with external controller
 3, 4, 5 lines
 PN5.5 / PN8
 400 V AC 50 Hz / 440 V AC 60 Hz / 400 V AC 60 Hz



Product range

No. of injection lines	Flow rate per injection line	Max. Working Pressure
	(l/h)	bar
3	600	5,5
3	600	8
4	600	5,5
4	600	8
5	600	5,5
5	600	8

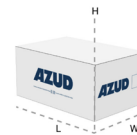
Does not include controller
 Options: Without fertilizer flow meter / With fertilizer flow meter

Technical data

Model	Working pressure range	Power supply	Frequency	Fertilizer pump power	Total power	Fertilizer pump consumption	Total consumption
	bar		Hz	kW	kW	A	A
AZUD QGROW FLEX	2 - 5.5	400 V AC	50	2,5	2,5	4,60	4,6
	2 - 8	400 V AC	50	3,8	3,8	6,74	6,74
	2 - 5.5	440 V AC	60	2,9	2,9	5,06	5,06
	2 - 8	440 V AC	60	4,2	4,2	6,44	6,44
	2 - 5.5	400 V AC	60	2,9	2,9	5,56	5,56
	2 - 8	400 V AC	60	4,2	4,2	7,45	7,45

Connection information

Model	AZUD QGROW FLEX
Inlet connection	Ø50 mm - 1 1/2" DIN/BS Glued joint
Outlet connection	Ø50 mm - 1 1/2" DIN/BS Glued joint
Mixing chamber connection	Ø63 mm - 2" DIN
Dosing channel connection	Ø20 mm - 1/2" BSP female thread
Venturi	Ø25 mm - 3/4" BSP thread
FIP electrovalve connection	Ø16 mm - 3/8" BSP female thread
Internal bore FIP electrovalve	8 mm



Logistics data

No. of injection lines	Max. Working Pressure	Frequency	Length	Width	High	Volume	Net weight	Gross weight
	bar	Hz	m	m	m	m ³	kg	kg
3	5,5	50	1	0,8	1,15	0,92	58	386
	5,5	50	1	0,8	1,2	0,96	58	85
	8	50	1	0,8	1,15	0,92	70,5	92,5
	5,5	60	1	0,8	1,15	0,92	58,5	80,5
	8	60	1	0,8	1,15	0,92	67	89
4	5,5	50	1	0,8	1,15	0,92	59	81
	8	50	1	0,8	1,15	0,92	71,5	93,5
	5,5	60	1	0,8	1,15	0,92	59,5	81,5
	8	60	1	0,8	1,15	0,92	68	90
5	5,5	50	1	0,8	1,15	0,92	60	82
	8	50	1	0,8	1,15	0,92	72,5	94,5
	5,5	60	1	0,8	1,15	0,92	60,5	82,5
	8	60	1	0,8	1,15	0,92	69	91