

Technical Data



Preassembled Systems > Direct-Injection

> Ferticontrol SA



Automation

DESCRIPTION:

- Fertilizer and acidification management soilless/hydroponic crops
- By-pass fertirrigation systems, completely preassembled with

Application

input and outputs to be connected directly to the main line of the system

Specifics

- Dimensions: 140 cm height - 85 cm width - 75 cm depth - kg 100 maximum weight
- Chassis: AISI 304 stainless steel or anodized aluminium
- Working pressure: 1,5 bar min. - 6 bar max
- Centrifugal vertical axis electric pump HP2 - 400V or 230V single-phase (parts in contact with liquids are AISI304 stainless steel), 4,3 A (400V) maximum consumption and 7,5 A (single-phase)
- Maximum injection for each Venturi: 400 l/h
- Real flow-rate of each injection system can be displayed directly by flowmeters
- S A 4000 models for acid injection use, on request, a 20 l/h at 7

bar dosing pump

- Derivation probes for Ph control (in S A 4000 and S A 5000 models) and conductivity control (only for S A 5000 models)

The pulpit electric panel in compliance with applicable rules:

- IP55 plastic box
- General door lock switch
- Manual - zero - automatic selector for Venturi aspiration pump with run-spy and stop
- Alarm
- Irrigation pump command
- Power stabilizer not included

Code	Mod.	Agronic programmer	Standard outputs	Fertilizer injections nr
AFE2505	2518 SA2	2500	18	2
AFE2506	2518 SA3	2500	18	3
AFE2507	2518 SA4	2500	18	4
AFE2503	2527 SA2	2500	27	2
AFE2501	2527 SA3	2500	27	3
AFE2502	2527 SA4	2500	27	4
AFE2012	4016 SA2	4000	16	2
AFE2013	4016 SA3	4000	16	3
AFE2017	4016 SA4	4000	16	4
AFE2018	4024 SA2	4000	24	2
AFE2014	4024 SA3	4000	24	3
AFE2015	4024 SA4	4000	24	4

Acid control: SA 2500 and SA4000 optional
Fertilizers control by volume: SA 2500 and SA4000 optional

Code	Mod.	Prog. Agronic	Standard outputs	Fertilizer injections nr
AFE5523	5520 SA3	5500	20	3
AFE5524	5520 SA4	5500	20	4
AFE5525	5520 SA5	5500	20	5
AFE5513	5530 SA3	5500	30	3
AFE5514	5530 SA4	5500	30	4
AFE5515	5530 SA5	5500	30	5
AFE2020	7000 SA3	7000	40	3
AFE2021	7000 SA4	7000	40	4
AFE2022	7000 SA5	7000	40	5

Acid control: SA 5500 and SA 7000 included
Fertilizers control by EC: SA 5500 e SA 7000
Fertilizers control by volume: SA 7000 optional

ACID INJECTION OPTION

Code	Description
AFE0060	AMS/pH 20 lt 7 bar + pH probe + stainless steel support

Command programmer	Fertilizer injection	Acid injection	Injections max nr	Weight kg	Meters
Agronic 2500	By time - volume	By probe	5	95	Yes
Agronic 4000	By volume - time	By probe	5	95	Yes
Agronic 5500	By electrical conductivity	By probe	5	95	No
Agronic 7000	Mixed (electrical conductivity or volume)	By probe	5	95	No