

# Technical Data



## Preassembled Systems > Direct-Injection

### > Ferticontrol A



Automation

#### DESCRIPTION:

#### Application

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

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

#### Specifics

- Dimensions: 130 cm height - 140 cm width - 85 cm depth
- Chassis: AISI 304 stainless steel or anodized aluminium
- Working pressure: 1,5 bar min. - 6 bar max
- Centrifugal vertical axis electric pump (parts in contact with liquids are AISI304 stainless steel). Fertilizers injection devices (Venturi) are placed in suction
- Maximum injection for each Venturi: 400 l/h
- Real flow-rate of each injection system can be displayed directly by flowmeters (maximum range: 250 l/h for acid injection and 400 l/h for the fertilizers one)
- Derivation probes for Ph control (in S A 4000 and S A 5000 models) and conductivity control (option available for 2 more security probes)
- The pulpit electric panel in compliance with applicable rules:
- IP 67 watertight box with hinge opening
- General door lock switch
- Manual - zero - automatic selector for Venturi aspiration pump with run-spy and stop
- 1 "zero" selector - 1 per PC
- Red light for PC alarm
- Green lights for acids and fertilizers
- White light for panel in tension
- Agitators command and electric protection for each injection
- Irrigation pump command

Command programmer	Fertilizer injection	Acid injection	Injections max nr	Weight kg	Meters	Power stabiliser
Agronic 4000	By volume, reading option	Only reading option and control option	8	190	Yes	Yes
Agronic 7000	Mixed (electrical conductivity or volume)	By probe	10	220	Yes	Yes

Code	Model	Fertilizer injection nr	Agronic	Outputs
AFE4003	4000-3	2	4000	16
AFE4004	4000-4	3	4000	16
AFE4005	4000-5	4	4000	16
AFE4006	4000-6T3	5	4000	32
AFE4008	4000-8T4	7	4000	32
AFE4009	4000-9T4	8	4000	32
AFE7003	7000-3	2	7000	40
AFE7004	7000-4	3	7000	40
AFE7005	7000-5	4	7000	40
AFE7020	7000-6T3	5	7000	40
AFE7008	7000-8T4	7	7000	40
AFE7009	7000-9T4	8	7000	40

1 acid injection for all models

#### OPTIONS FERTICONTROL A 4000

Code	Description
AFE0040	pH control and EC reading
AFE0091	32 outputs
AFE0093	64 outputs
AFE0095	96 outputs
AFE0096	Additional injection up to maximum 9 (each)
AFE0070	Security double probes (e/u analog option required)

#### OPTIONS FERTICONTROL A 7000

Code	Description
FER455	16 outputs expansion central unit
AFE0081	Additional injection up to maximum 10 (each)
AFE0070	Security double probes