

SOLO CLIMATE CONTROL - FORCED VENTILATION



**EASY TO USE AND TO PROGRAM | HIGH QUALITY | USER-FRIENDLY DESIGN
COST EFFECTIVE | EASY TO INSTALL**



Easy-to-use function keys

Status-indicator lights

Clear LCD display with backlight

Easy-to-use navigation wheel



The Climate Control Solo units are designed to automatically control heating, cooling devices, air inlets and fixed or variable speed fans at a low cost thus providing a healthier and optimized environment to animals. Alarms can be displayed on the controllers and external alarm devices may be connected to it.

FEATURES

- Temperatures displayed in Fahrenheit or Celsius
- Memory protection in the event of power failure
- Alarm contact (NO/NC) in case of power failure,
- min/max temperatures or fault in operation
- Optional electronic bypass switches
- Overload protection on the output

FUNCTIONS

- Ventilation, Heating & Cooling
- Inlet & Curtain Operation (on specific models)
- Programmable growth curves



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SOLO

CLIMATE CONTROL - FORCED VENTILATION



MODELS

FEATURES	MASTER UNITS											EXTENSION UNITS				
	CC-8.2.2	CC-8.2	CC-8.0	CC-7.3	CC-6.2.2	CC-6.2	CC-6.0.2	CC-5.3	CC-4.2	CC-4.0.2	CC-3.1.1	CC-2.0	CC-1.1	CC-1.0	CC-0.2	CC-0.1
Number of relay outputs (Stop/Start)	8	8	8	7	6	6	6	5	4	4	3	2	1	1	0	0
Number of variable outputs (TRIAC)	2	2	0	3	2	2	0	3	2	0	1	0	1	0	2	1
Number of variable outputs (0-10V)	2	⊘	⊘	⊘	2	⊘	2	⊘	⊘	2	1	⊘	⊘	⊘	⊘	⊘
Analog inputs for: • Static pressure • Relative humidity	✓	⊘	✓	✓	✓	✓	✓	✓	✓	✓	✓	⊘	⊘	⊘	⊘	⊘
Control of slave units allowed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	⊘	⊘	⊘	⊘	⊘
Standard applications • Temperature • Forced ventilation • Timer • Production • Alarms • History • Manual Control • Diagnostic • Configuration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓*	✓*	✓	✓*	✓
Advanced applications • Natural ventilation • Air Inlet • Humidity • Fogger	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	⊘	⊘	⊘	⊘	⊘

⊘ = Not Available ✓ = Available

* History is a standard feature, but the smaller units with 2 outputs don't have it because there is not enough room to include it.

TECHNICAL DATA

INPUTS/OUTPUTS

INPUTS	
Temperature Input	10 KΩ @ 77°F (25°C), NTC
Potentiometer Inputs	1 to 10 KΩ
Analog Inputs	4-20 mA or 0-5VDC
Pulse Counter Input	Pulse width > 10 ms
OUTPUTS	
Alarm Relay	SPDT (1 Form C) 3A @ 24 VDC (resistive) 3A @ 240 VAC (resistive)
Relay Output	SPST (1 Form A) 10A @ 24 VDC (resistive) 10A @ 240 VAC (resistive)
TRIAC Variable Output	10A (resistive) 10A @ 120 VAC 10A @ 240 VAC (inductive)
0-10V Variable Output	0-10VDC, source Maximum load: 10mA

DIMENSIONS

MODELS	DIMENSIONS
Small Models	8.7"W x 10.6"H x 5.5"D
Large Models	13.4"W x 9.8"H x 5.9"D

POWER SUPPLY

POWER SUPPLY	SPECIFICATION
Main line voltage & frequency	85-250V, 50/60 Hz
Main fuse	1A-250VAC, fast acting (5x20 mm)

NETWORK COMMUNICATION

PROTOCOL	INTERFACE
Modbus	RS-485



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