

# SOLO

## CLIMATE CONTROL - FORCED VENTILATION



PUTTING INNOVATION TO WORK

**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



**CANARM LTD. - Corporate Office**  
PO Box 367 2157 Parkedale Ave., Brockville, ON  
Canada K6V 5V6  
Tel: (613) 342-5424 Fax: 1-800-263-4598

**CANARM LTD. - USA Warehouse**  
808 Commerce Park Drive  
Ogdensburg, New York, USA 13669  
Tel: 1-800-267-4427 Fax: 1-800-263-4598

**Arthur Manufacturing Facility**  
#7686 Concession 16, RR 4 Arthur, ON  
Canada N0G 1A0  
Tel: (519) 848-3910 Fax: (519) 848-3948

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### 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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