



**Features**

➤ RTD : Pt-100 Temperature Input	➤ High Temperature Safety Alarm
➤ Input Signal Conditioning (Filter & Zero Offset)	➤ F0 Calculation at the end of Sterilization
➤ Independent Output for Air Outlet & Steam	➤ Sterilization Timer with Guaranteed Soak Time
➤ Drying facility to avoid high outrush of pressure	➤ Optional Serial Communication Port
➤ Independent Outputs for Air Outlet & SteamControl	➤ Water Level Switch Input
➤ Front / Remote Sterilization Cycle Start Command	➤ Universal supply voltage (90 to 270 VAC)
➤ Automatic Cycle Abortion at High Temperature Limit	➤ 24 VDC Available on Request
➤ Independent Air Purging and Sterilization Setpoint	

**Technical Specifications**

**Display Specification**

LED	16x2 Character LCD (Blue-White)
LED Indication	HTR - Heater Output Status P/E - Purge / Exhaust Status EOC - End Of Cycle

**Environmental Specification**

Temperature	Operating - 0 to 50°C
Storage	-20° to 75°C
Humidity	95% RH (Non-condensing)

**Keys**

4 Controlling keys for configuration and operation

MENU	SHIFT	UP	DOWN
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**Certification**

None



## Input Specification

Input 1	RTD - Pt-100
Input 2	4-20 mA, 0-10 V
Resolution (Input 2)	0 / 0.1 / 0.01 / 0.001
Accuracy	0.3% FS
Temperature Unit	°C
Sampling Rate	250msec

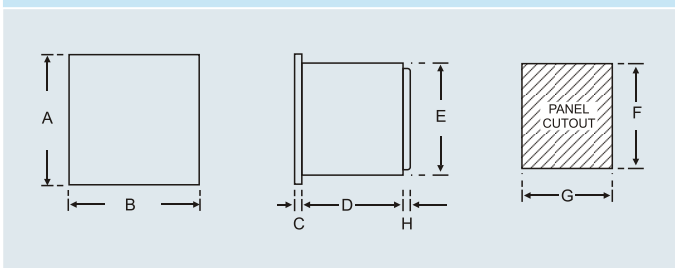
## Output Specification

Heater Output	Relay / SSR Drive (Selectable)
Purge / Exhaust Output	Relay / SSR Drive (Factory Set)
Alarm Output	Relay / SSR Drive (Factory Set)
Relay	5A @ 250 VAC / 30 VDC
SSR Drive	12 VDC @ 30mA

## Auxiliary Supply Specification

Supply Voltage	90 - 270 VAC (24 VDC Available on Request)
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## Mechanical Dimensions



## Mechanical Dimensions

Model	Dim	A	B	C	D	E	F	G	H
FAAC+		96	96	10	65	89	92	92	9

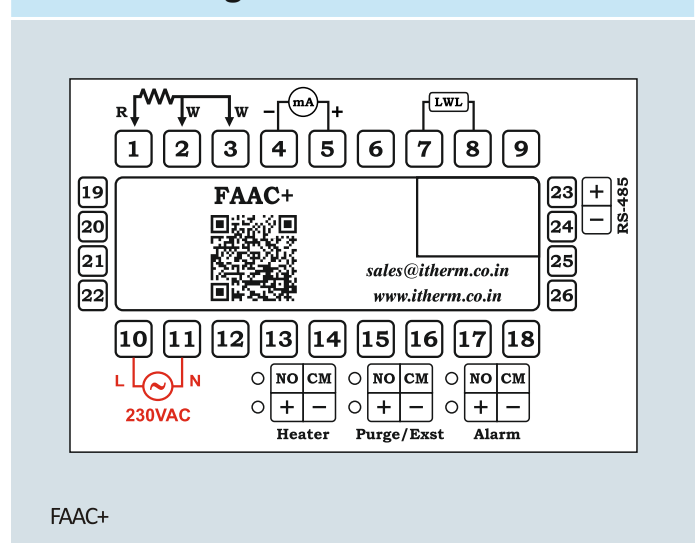
## Functional Specification

Hold Back Strategy	UP / Down / Both
Power Fail Recovery	Abort / continuous / Repeat
Pressure Unit	PSI / Kgcm
Serial Communication	RS-485 / Half Duplex
Protocol	Modbus RTU
Excitation Voltage	24 VDC

## General Description

Weight (Gms)	350
Enclosure	Molded ABS
Color	Black
Accessories	1 Pair of Mounting clamp
Terminal Cable Size	Barrier Type terminal cable Size ( 2.5 mm <sup>2</sup> )

## Terminal Diagram



## Order Code : FAAC+

Size	O/P1 - Heater	O/P2 - P/E	O/P3 - Alarm	Communication	Excitation	Supply
9 (96X96X65)	0 (None)	0 (None)	0 (None)	0 (None)	24 (24 VDC)	A (90 ~ 270 VAC)
	1 (Relay)	1 (Relay)	1 (Relay)	B (RS-485)		D (24 VDC)
	2 (SSR)	2 (SSR)	2 (SSR)			

## Example : FAAC+ 111-B24A

Size	O/P1 - Heater	O/P2 - P/E	O/P3 - Alarm	Communication	Excitation	Supply
99	1	1	1	B	24	A
9 (96X96X65)	1 (Relay)	1 (Relay)	1 (Relay)	B (RS-485)	24 (24 VDC)	A (90 ~ 270 VAC)

## Temperature Input

Sensor Input	Range	Resolution	Accuracy
Pt-100 (RTD.1)	0.0 ~ 150.0°C	0.1°C	±0.3°C

## Pressure Input

Sensor Input	Range	Resolution
0 ~ 10 V	-1999 ~ 9999	0 / 0.1 / 0.01 / 0.001
4 ~ 20 mA	-1999 ~ 9999	0 / 0.1 / 0.01 / 0.001