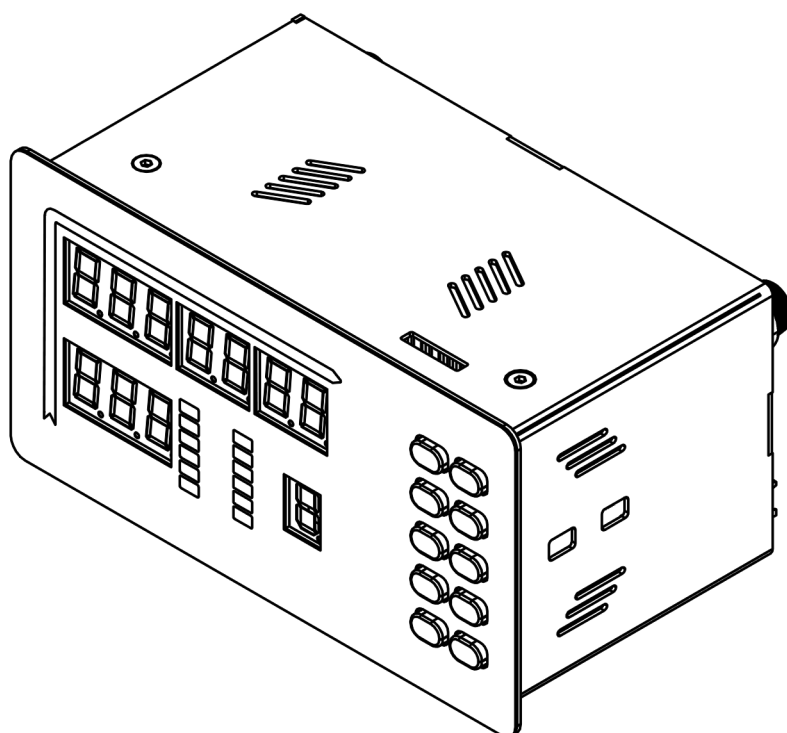
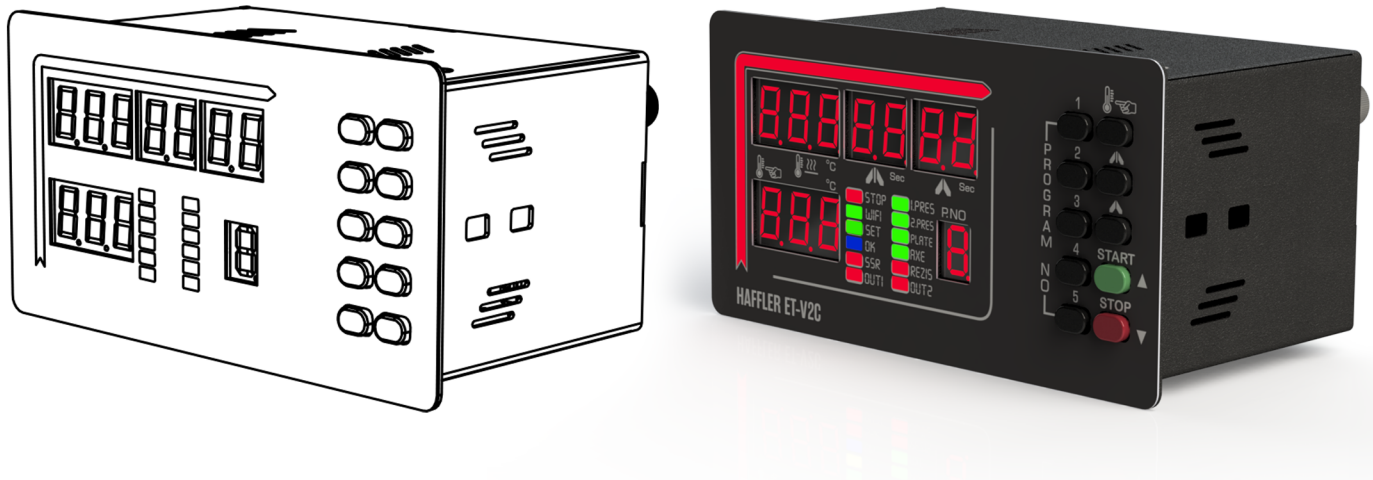




HAFFLER ET-V2C

Product technical datasheet
V 1.0.0

WWW.HAFFLER.COM



HAFFLER ET-V2C Segment Display PLC Controller – 10 Buttons

The HAFFLER ET-V2C segment display PLC controller is one of the most popular and best-selling industrial controllers of the Haffler brand, designed specifically for welding machine production lines, particularly in the UPVC industry.

This model combines 10 functional keys, 5 memory presets, and a segment display for welding status to provide operators with fast, precise, and efficient control.

Key Features of the ET-V2C Controller:

- 10 physical function keys for straightforward operation without complexity
- 5 memory presets for saving and recalling different machine configurations
- Single-head and double-head welding capability for greater flexibility in production lines
- Segment status display for quick monitoring of real-time performance
- High speed and accuracy in command execution, ideal for continuous industrial operation
- Durable industrial design suitable for harsh environments and high-performance lines

Distinctive Haffler Product Features:

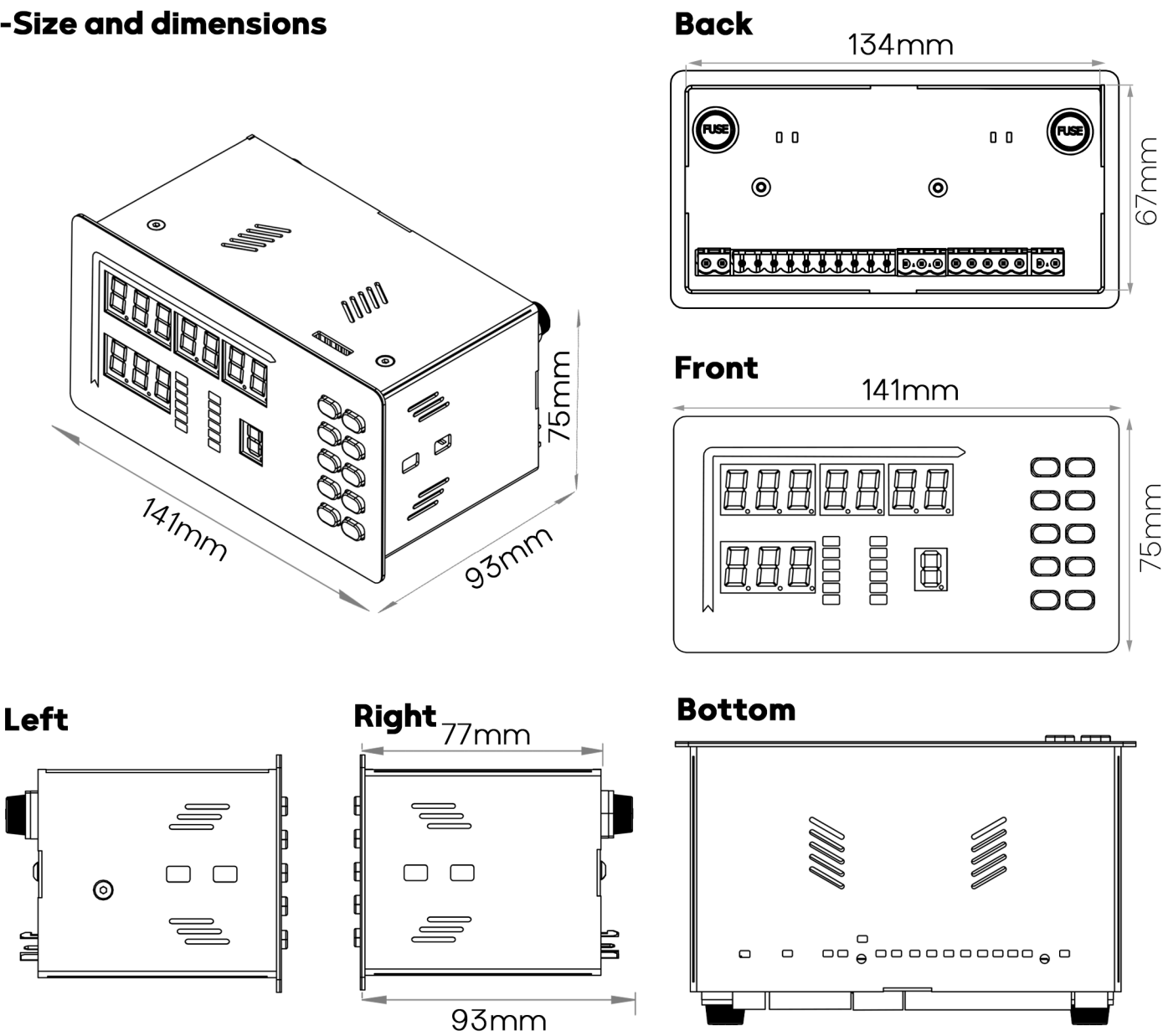
- PID temperature control for consistent quality and precision in welding
- Web-based application for remote access and control
- Comprehensive safety system with electrical protection and dedicated fuses
- Fully customizable options: including original 24 V power supply, industrial metal enclosure, built-in precision timer, and SSR module

Reliable Support:

All Haffler controllers come with 1-year warranty, 2-year guarantee, and 10 years after-sales service, ensuring peace of mind and dependable performance in industrial projects.

Contact and support

-Size and dimensions

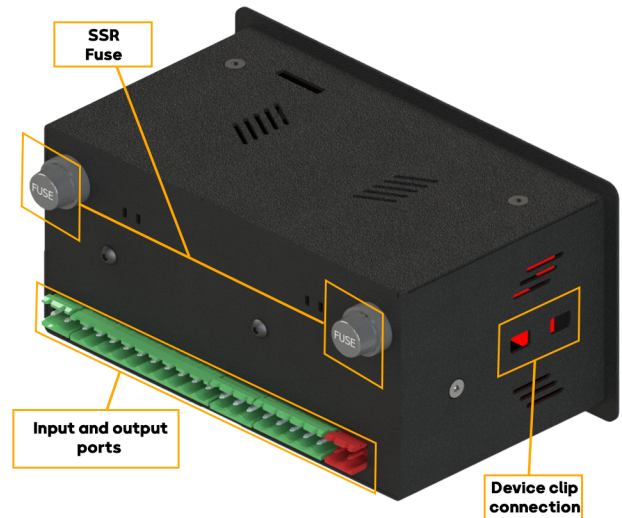
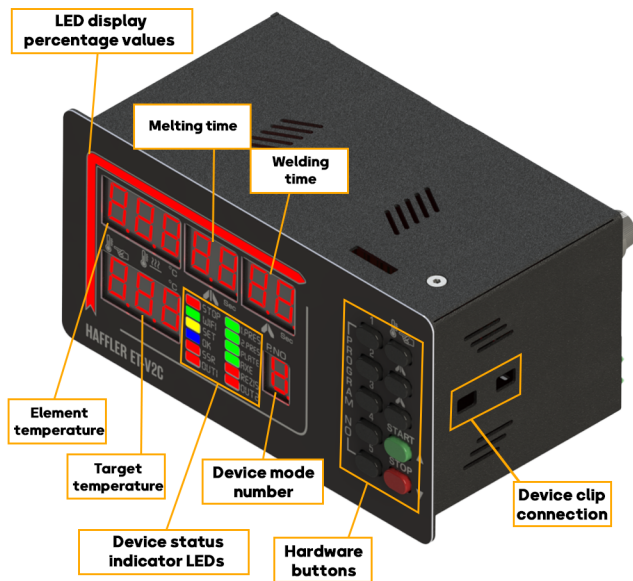


Size and dimensions	
Length	141mm
Width	93mm
Height	75mm
Weight	800gr

Contact and support

HAFFLER ET-V2C

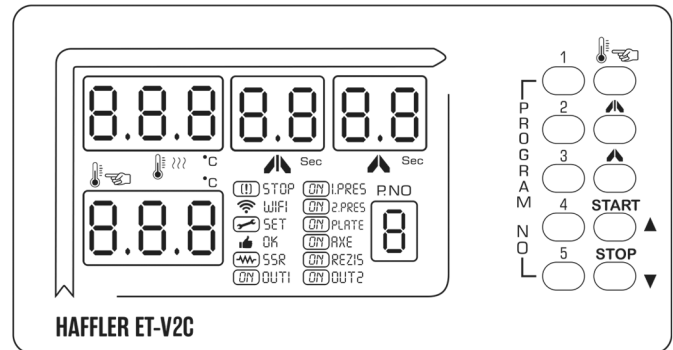
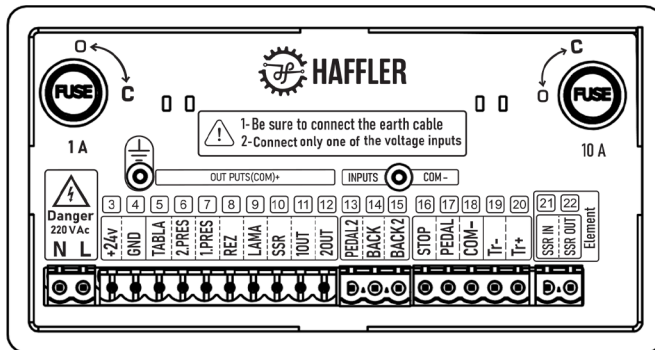
Technical specifications



Technical specifications table

Power Consumption (W)	115W
Operating Temperature Range	-10 °C to +80 °C
AC Supply Voltage Range	200V - 240V
DC Supply Voltage Range	24V
Input Current Range	800 mA AC / 4 A DC
Number of Hardware Buttons	10
Number of Inputs	5
Number of Temperature Sensor Inputs	1
Number of DC Outputs	8
Number of AC Outputs	1
Inductive Sensor Support	5
Display	Seven Segment
Communication Networks	WiFi
Features	Built-in Solid State Relay (SSR) Integrated Real-Time Clock (RTC) Custom Mode Settings Web-based Application Interface

HAFFLER ET-V2C Ports (output - input - sensors)



Ports information (back)			
N	AC Neutral Input	FUSE 1A	Power Supply Fuse
L	AC Live Input	FUSE 10A	SSR Fuse
+24v	V DC Output, Max 3 A 24		Earth (Ground) Connection Point
TBLA	Sliding Table	LED's information (Front)	
2.PRES	Left Pneumatic Cylinder	STOP	Emergency Stop (E-Stop)
1.PRES	Right Pneumatic Cylinder	WIFI	WiFi Status: ON
REZ	Heater Pneumatic Cylinder	SET	Settings Changing
LAMA	Mould Alignment Fixture	OK	Device Health Indicator
SSR	SSR Trigger	SSR	SSR Activation Command Reception
1OUT	Reserved Welding Output Pins – 0.2	OUT1	Output 1 feedback
2OUT	Reserved Welding Output Pins – 0.2	1.PRES	Pres 1 feedback
PEDAL2	Dual-Head Welding Pedal Input	2.PRES	Pres 2 feedback
BACK	Back Function Input	PLATE	Sliding Table Feedback
BACK 2	Dual-Head Welding Back Input	AXE	Fixture Feedback
STOP	Emergency Stop Input	REZIS	Heater Feedback
PEDAL	Pedal Input	OUT2	Output 2 feedback
COM-	Common Negative for Inputs Only	???	Current Heater Temperature
TR-	Thermocouple Positive Input (+)	???	Heater Target Temperature
TR+	Thermocouple Negative Input (-)	Sec	Melting Time
SSR IN	SSR Input	Sec	Welding Time
SSR OUT	SSR Output	P.NO	Mode Number

Contact and support

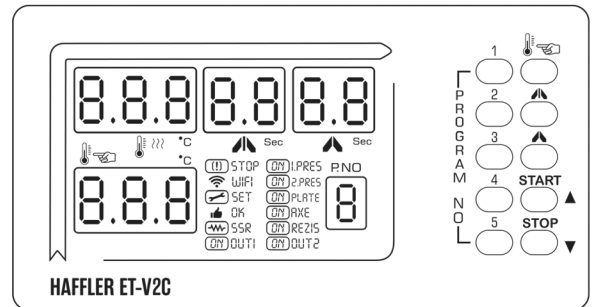
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Hardware Buttons Information

 This button is used to set the target temperature of the heater element. After pressing this button, you can adjust the value using the Start button (to increase) and the Stop button (to decrease). To confirm the selected value, press this button again.



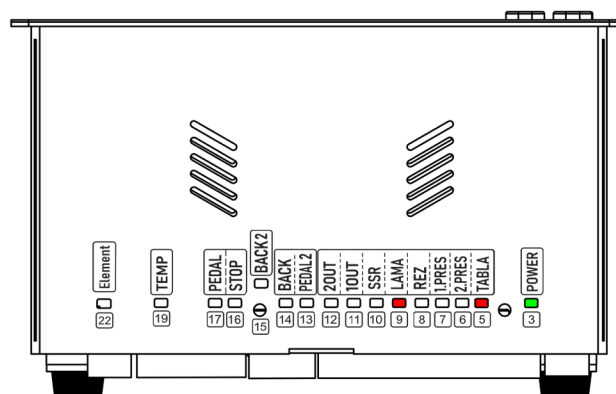
-  This button is used to set the melting time duration. After pressing this button, you can adjust the value using the Start button (to increase) and the Stop button (to decrease). To confirm the selected value, press this button again.
-  This button is used to set the duration of the welding process. After pressing this button, you can adjust the value using the Start button (to increase) and the Stop button (to decrease). To confirm the selected value, press this button again.
- **START** This button initiates the process (equivalent to the pedal operation).
- **STOP** This button activates the Emergency Stop function, immediately halting all ongoing processes.

LED Indicators:

The device features two rows of LEDs positioned adjacent to each other: one row represents the input status and the other row represents the output status. Output LEDs illuminate **red** when their corresponding outputs are active; otherwise, they remain off.

Input LEDs illuminate **green** when their corresponding inputs are active; otherwise, they remain off.

These visual indicators provide clear real-time status monitoring of the PLC's inputs and outputs.



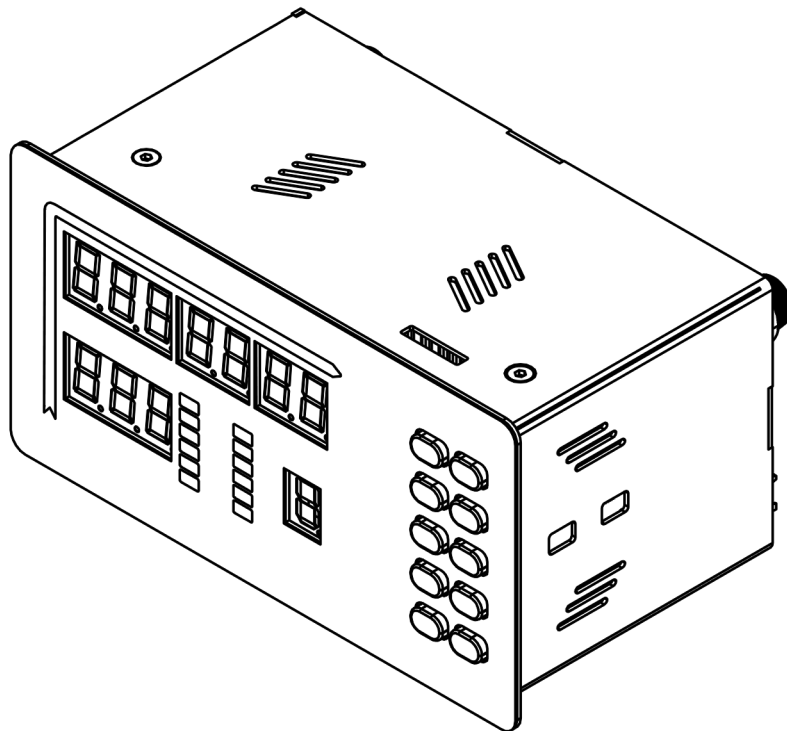
Web Application

Each unit is equipped with a dedicated web application, customized according to the specific operational requirements and client specifications.

Access to the web application is granted by connecting a mobile device or computer to the device's Wi-Fi network. The Wi-Fi SSID corresponds to the device model.

The default Wi-Fi password for all units is set to: **haffler.com**

Contact and support



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Product technical datasheet

V 1.0.0

Support links 

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