DATA SHEET

Zanolli Synthesis 12/80G-1

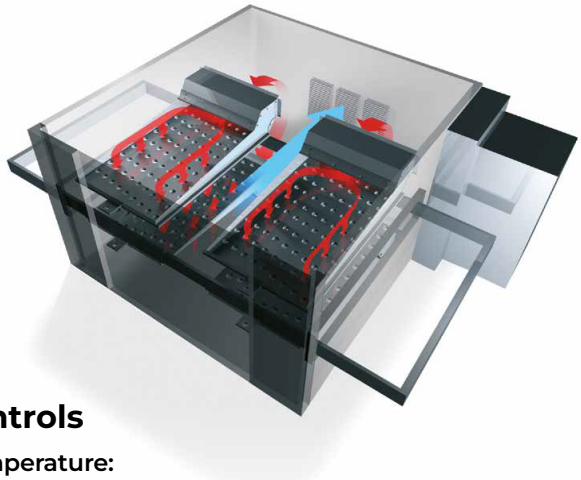
32 Inch Gas Impingment Conveyor Oven

1SV4405C-1 ☐ LPG ☐ NAT



Build

- Built entirely in stainless steel
- Double glazed full width inspection door
- Easy access for thorough cleaning and hygiene
- In built cooling system for all external parts ensures oven is cool to touch and work with.
- Heavy duty construction with reliable and durable components.
- Stackable up to 3 units.
- Optional Heavy duty stand with omnidirectional wheels and brakes



Impingment technology

- Maximum silence of the mesh conveyor system and ventilation motors.
- Latest advancements in air impingement technology allow for rapid heating & cooking of all foods consistently at all times.
- The piercing jets of hot turbulent air encompass every part of the oven delivering exceptional results every time.

Controls

Temperature:

- BRP (power regulation) system reaches working temperature in 20 minutes
- Balanced temperature detection system managed via dual oven probes..
- Maximum cooking temperature up to 320 °C

Advanced control board automatically manages:

- Energy consumption via electronic min/max flame controls contributing to significant savings.
- the cooking intensity ensuring highest performance at the lowest temperatures.

Customizable and Programmable up to:

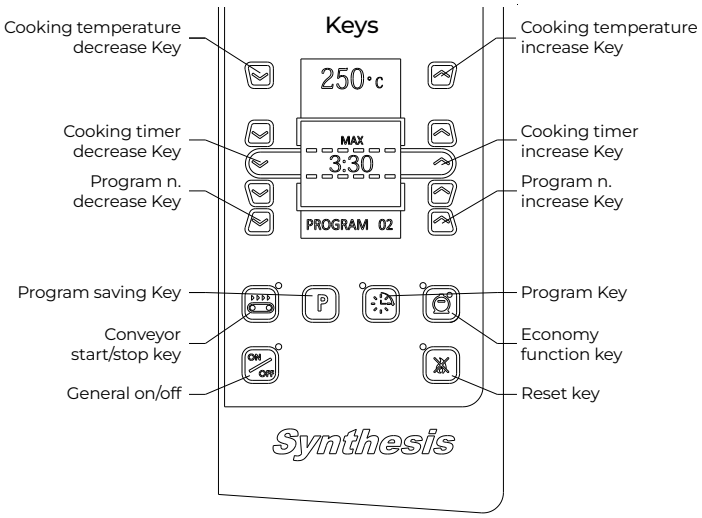
- 10 programmes with unique temperatures and times.
- 2 auto start ups per day with your selected program

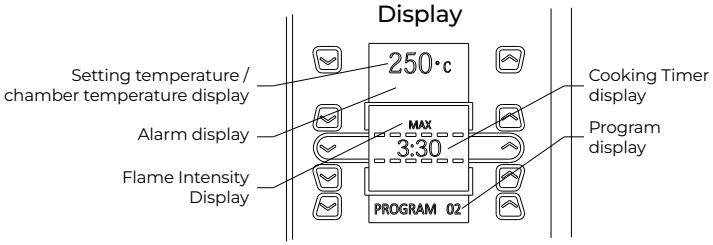
Economy function allows:

- The Economy function enables the oven to maintain a lower temperature when not in active use compared to when it's in operation. This feature conserves energy, leading to cost savings. Additionally, it controls the movement of the wire mesh conveyor, serving a dual purpose beyond just temperature management.

Conveyor:

- Adjustable speed conveyor belt all the way to a complete halt. The dashes on the display move top to





DATA SHEET

Zanolli Synthesis 12/80G-1

32 Inch Gas Impingment Conveyor Oven

1SV4405C-1 ☐ LPG ☐ NAT

Technical specifications

External Size

External Width	2180mm
External Depth	1660mm
External Height	595mm

Cooking Chamber size

Internal Width	1200mm
Internal Depth	800mm
Internal Height	100mm

Conveyor Belt Size

Conveyor Width	32¨ (800mm)
Conveyor Depth	2100mm

Weight

Net weight	315 kg
package weight	*

Exhaust

Air exchange	65 m3/h
Flame control	Electronic without pilot

Recommended Clearances

Minimum clearance	Left	Rear	Right
Standard	200mm	200mm	200mm

Operating Environment

Temperature	0 - 40 °c
Maximum humidity	95% without condensation
Noise	< 70 decibels

Operation

Conveyor Belt speed	1:45 - 30 min / Halt
Maximum Temperature	320°c

Warranty

2 Year Warranty	2 years parts and labour

**Subject to a prevanttitive maintence plan*

Gas & Electircal Specification Per Oven

Connection requirements electric

Electrical connected loads	450 Watts
Voltage	230
Plug Supplied	Yes, 10 amps
Cable Length	2m

Connection requiring Gas

Gas Pipe	1/2 " Male threaded tail

Injector Diameter

NAT gas	5 x 2.15mm
Universal LPG	5 x 1.2mm

Low flame gas pressure

NAT gas	3.2 mbar	0.32 kpa
Universal LPG	9 mbar	0.9 kpa

High flame gas pressure

NAT gas	10 mbar	1 kpa
Universal LPG	27.5 mba	2.75kpa

Thermal capacity

High flame	108 Mj/hr
Low flame	61.2 Mj/hr

High Flame consumption

NAT gas	3.18 m3/h
Universal LPG	2.35 Kg/h

Low Flame consumption

NAT gas	1.80 m3/h
Universal LPG	1.33 Kg/h

DATA SHEET

Zanolli Synthesis 12/80G-1

32 Inch Gas Impingment Conveyor Oven

1SV4405C-1 ☐ LPG ☐ NAT

Options

☐

Micromesh belt - 6mm	
SKU	--

☐

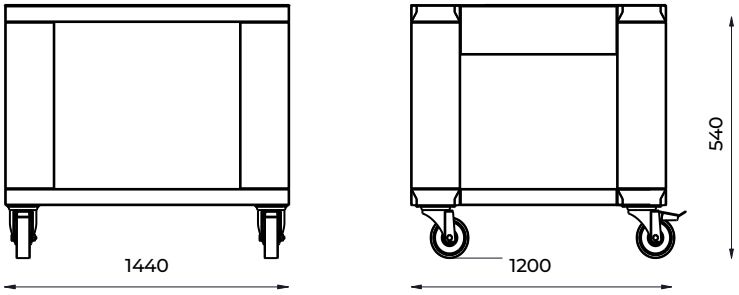
Right to left Belt configuration	
SKU	--

☐

High speed conveyor belt gearbox	
SKU	--

☐

Stand suited for Single/Double deck configuration	
SKU	0SV2A12
Size	1440 x 1200 x 540
Weight	42kg



DATA SHEET

Zanolli Synthesis 12/80G-1

32 Inch Gas Impingment Conveyor Oven

1SV4405C-1 ☐ LPG ☐ NAT

