VISION

ORANGE



COMBI OVEN SPECIALIST



Orange Vision combi ovens



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VISION PERFECT COOKING

I can be absolutely certain that my cooking results will always be of outstanding quality. The foods that I prepare have perfect colour, are juicy, crispy and healthy, with a minimum amount of fat.



Outstanding steam cooking results

The advanced Retigo Vision steam generation system ensures great colour, taste and consistency of prepared meals, while retaining the maximum amount of vitamins and nutrients.

Ideal colour and crispiness of meals

The option to select moisture percentage will ensure an ideal environment for the cooked food. If equipped with a flap*, the Retigo Vision is able to perform a quick and efficient cooking chamber dehumidification. This results in a perfect crispiness and accurate food colour.

Less stress in the kitchen

The option to cook multiple meals simultaneously in the same mode with varying cooking times, and without smell or flavour cross-contamination helps to increase the kitchen's capacity. Using the overnight cooking or baking at low temperatures option will give you more time during morning peak hours, thus enhancing the yield of the cooked food. All of this under HACCP control.

All cooking technologies contained in a single appliance

The Retigo Vision is a single cooking system for the majority of cooking methods (cooking, boiling, baking, stewing, frying, grilling, toasting, confit, cooking under vacuum – Sous-Vide, canning, dehydrating, blanching, leavening, smoking, curing, low temperature procedures, keeping warm and meal regeneration).





* Optional accessories



Comfortable cooking without the risk of injury

Crosswise racks ensure the safe handling of gastronorm containers and provide a perfect view of the cooking process in the individual racks. Smaller gastronorm containers in a single drawer simply side by side on stainless racks or dedicated adapters.

Minimal risk of burns

The unique triple-glazed door glass solution* reduces its surface temperature and eliminates the risk of burns. The automatic fan stop** prevents the dangerous release of steam when the combi oven door is opened, and coupled with a double opening door** ensures maximum safety.

Easy combi oven opening

Ergonomic handle shape makes sure that the combi oven door is easy to handle and the maintenance is easy. By using silver ions, significant reduction of the amount of bacteria present on the handle surface was achieved and as a result, hygienic risks were minimised.

Guaranteed to meet hygiene standards

Precise workmanship inside the cooking chamber with curved edges increases the efficiency of the automatic cleaning and prevents the accumulation of dirt. The HACCP system automatically records everything that happens inside the Retigo Vision combi oven, stored data can downloaded on to a PC.









Absolute focus on cooking

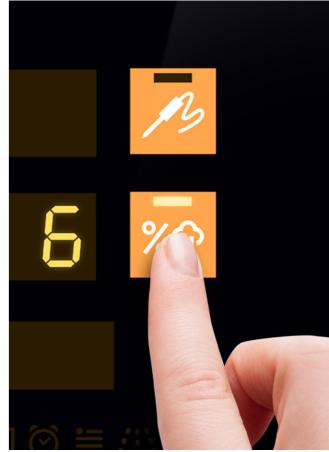
Easy control without a manual, perfect overview in every moment thanks to a large and clear digital control panel.

No more unpleasant delays

Immediate response of the control buttons allows you to quickly set the cooking parameters.

Everything you need is located on the control panel

Simple and fast cooking without any redundant control panel buttons.







Energy savings

Two-stage water preheater utilises heat from waste steam and, in combination with the unique triple-glazed door glass solution* and 2 in thick thermal insulation, reduces cooking costs to a minimum.

Economical cleaning

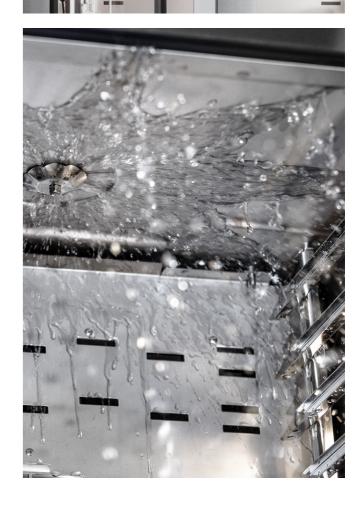
The unique automatic Retigo Active Cleaning system ensures perfect cleanliness of the Retigo Vision combi oven while minimising water consumption and saving money on detergents.

Unbeatable return on investment

Low operating costs, long lifetime, affordable service and repairs, and an outstanding price-to-quality ratio delivers great return on investment.

Kitchen space savings

Retigo Vision can substitute even several classic kitchen appliances with much less space. In addition, with a provably higher yield and raw material processing efficiency.



* Not applicable to 623 size

SMART INVESTMENT

A comparison of new and previous Retigo Vision

Retigo Vision combi ovens have always rated among the top in the water and energy consumption economy. Innovative new generation solutions cut the values down even more, thus the new Vision is rated among the most saving combi ovens in the market.

	Previous generation	New generation	Savings
Preheating in the Hot air mode to 329 °F	3:39 min	3:12 min	12% faster temperature build-up
Energy consumption in Hot air mode with load	2.46 kWh	2.17 kWh	12% lower consumption
Energy consumption in Hot air mode without load (sensible heat)	0.95 kWh	0.66 kWh	31% lower thermal losses

Measured on 611 size combi oven pursuant to DIN 18873-1 2012-6 6.2.

An example of savings with Retigo automatic cleaning

Highly efficient cleaning programs will provide perfect cleanliness with minimum effort. Excellent detergent price, low water and energy consumption will save everyday costs. Retigo 1011 combi oven in comparison to other high class combi oven brand 1011 model. 6 cleanings per week, 52 working weeks in year. Valid manufacturers' price lists 05/2017 used. Medium cleaning done based on the number of detergents repeteadly required by both machines.

	1 year savings	10 year savings	Benefit
Detergent cost savings	\$225	\$2,246	More than 20% of the combi oven price paid back
Time savings	338 h	3 380 h	Up to you how to use this time savings
Water savings	1,986 gal	19,864 gal	Significant money and environment savings
Energy savings	580 kWh	5,803 kWh	Check your energy prices, you will wonder about money savings

An example of savings with Retigo Vision

In comparison with conventional kitchen appliances.

The Multifunction Retigo Vision cooking system can substitute several conventional kitchen appliances to an area less than 10.8 ft².

Pork	Conventional oven cooking	Retigo Vision	
Yield	64%	80%	
Number of portions (0.22 lb per portion)	100	100	
Amount of raw meat	22 lb	22 lb	
Total yield	14.1 lb	17.6 lb	
Number of days	200	200	
Meat weight loss	1,587 lb	882 lb	
Loss of money	\$7,332	\$4,075	
Total savings in 200 days		\$3,257	

Calculated with an average price of \$4.62 per 1 lb of pork. Comparison with O611i type convection oven.

Cooking of vegetables (such as potatoes)	Classic cooking	Retigo Vision
Yield	90%	100%
Number of portions (0.22 lb per portion)	100	100
Amount of vegetables	44 lb	44 lb
Cooking time	1.5 h	1 h
Total yield	39.7 lb	44 lb
Number of days	200	200
Vegetables weight loss	882 lb	0 lb
Loss of money	\$833.5	\$0
Total savings in 200 days		\$833

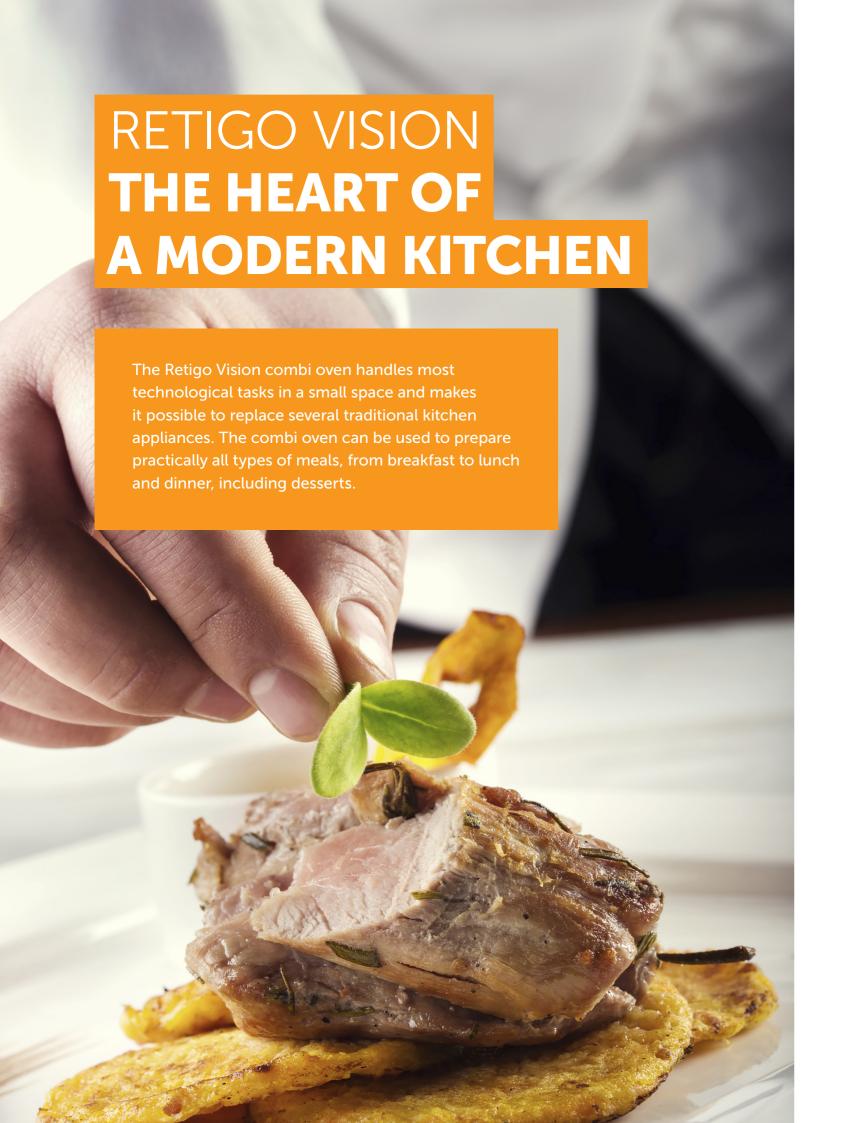
Calculated with an average price of \$0.945 per 1 lb of potatoes. Comparison with O611i type combi oven.

Cooking water and energy consumption	21 gal boiler	Retigo Vision
Water consumption per hour	10.6 gal	3.2 gal
Maximum equipment capacity	132 lb	119 lb
Energy consumption per hour	12 kW	4.5 kW
Cooking time	1.5 h	1 h
Total consumption for 1 cooking	18 kWh	4.5 kWh
Total costs of 1 cooking	\$2.99	\$0.75
Total savings in 200 days		\$448
Water saving in 200 days		1,480 gal

Calculated with an average price of 0.166 per 1 kW. Comparison with O611i type combi oven.

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Custom combi oven

A system of selectable features and accessories allows you to select the best equipment set for the Orange Vision model to every kitchen. Thus, the user pays just for the features that are actually used.



Sous-vide

Utilising the latest technologies, the Retigo Vision can provide the ideal climate, temperature and time for cooking meals sous-vide. Compared to a classic sous-vide water bath, it provides immeasurably greater capacity and quality.



Smoking

Thanks to the Retigo Smoker external smoke generator and special recipes, the Retigo Vision becomes a complete smoker capable of smoking a wide range of meals from a la carte meals to standard whole meats, e.g. hams, shanks.



Overnight cooking

Retigo Vision cooks for you overnight. Thanks to precise humidity regulation and temperature control, ensure a high yield. Meat will be wonderfully juicy while water and power consumption are kept to a minimum.



Up to 99 programs with 9 steps*

A large number of preset programs will help even a less experienced chef to achieve great results.



Confit

For preparing meals in fat or in their own juices, it is necessary to have two-way airflow, which Retigo Vision achieves by means of a unique fan that can be set to the ideal speed*. The confit process requires no supervision and the results are always perfect.

* Optional accessories 19



RETIGO GREEN CONCEPT

A combination of unique technical solutions, which will save the user money, while at the same time helping to save the environment.



Minimisation of thermal losses

The special insulation of the cooking chamber and the triple-glazed door glass* on the Retigo Vision ensure the lowest possible power consumption during the cooking process.



Water saving system

A unique waste water system design that requires a negligible amount of water for cooling the exhaust steam. This solution significantly reduces total water consumption.



Advanced steam generation system

Ensures fast generation of highly saturated steam by means of an integrated heat exchanger with minimal demands on water and power consumption.



The lifetime of the combi oven does not end with its disposal

Up to 98% of the materials used in the manufacture of the Retigo Vision are fully recyclable.

UNIQUE TECHNICAL DETAILS



Special surface treatment on the cooking chamber by means of passivation significantly increases its resistance against undesirable substances contained in water or food and prevents the accumulation of dirt.



Quality austenite (non-magnetic) stainless steel (AISI 304 and 316) and the minimal use of plastic components greatly extends the lifetime of the Retigo Vision.



All boiler-type Retigo Vision combi ovens are also equipped with a advanced direct injection system that ensures problem-free operation of the combi oven in the event of an unexpected boiler outage.



The unique fan solution ensures high air replacement efficiency in the cooking chamber to achieve perfect crispiness of the cooked meals.



The moisture control system will provide the required amount of steam in the cooking chamber for great cooking results.



A highly powerful flap* will provide an immediate discharge of residual moisture from the cooking chamber. This will result in a perfect crispness and accurate colour of foods.

* Not applicable to 623 size

* Optional accessories
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UNIQUE FEATURES



Vision Perfect Cooking

With Retigo Vision combi ovens, you have the peace of mind that you will always achieve outstanding cooking results. The prepared foods have a perfect colour, are juicy, crispy and healthy and cooked using a minimal amount of fat.

- Excellent steam cooking results
- Ideal food colour and crunchiness
- Less stress in the kitchen
- All technological tasks in a single unit



Vision Controls

The simpliest controls on the market will save you time and enable you to quickly and easily make all the necessary settings. Control panel response is perfect even when your hands are greasy or when you are wearing gloves.

- Total concentration on cooking
- No wasted time
- Everything necessary is found on the control panel



Vision Design

The Retigo Vision combi oven offers you an excellent combination of features, exceptional ergonomics and attractive appearance. All this with a focus on safety and hygiene.

- Comfortable cooking with no risk of suffering burns
- High reliability and long service life
- Guaranteed to meet public health standards
- · High reliability



Smart Investment

With the Retigo Vision combi oven, you are saving money every day. Demonstrably lower power and water consumption combined with low cost automatic cleaning, will ensure a fast return on investment.

- Energy savings
- Economical automatic cleaning
- Unparalleled return on investment

STANDARD FEATURES AND UNIT OPTIONS

COOKING

Hot air 86-572 °F

Combination 86-572 °F

Steaming 86-266 °F

Bio steaming 86-208 °F

Over night cooking – Saves time and money.

Advanced steam generation system – Two-step water preheating with in-built heat exchanger for perfect steam cooking results.

Crosswise racks – Safer and comfortable GN handling.

Regeneration/banqueting – Cook, chill and regenerate to serve more diners in shorther times.

Low temp. cooking – Benefit from less weight loss, better taste.

Automatic preheating/cooling – minimises the loading temperature drop. Start cooking with the desired temperature.

VISION CONTROLS

Touch panel – Fast controls covered by high protective foil. Gives immediate reaction on commands, makes panel seamless and easy to clean.

Continuous cooking time option – Saves your time during busy operations.

 $\label{eq:automatic start} \textbf{-} \ \text{The ability to schedule a delayed start}.$

OTHER EQUIPMENT

Active Cleaning – Low-cost automatic cleaning. No chef's time spent on cleaning any more.

Tripple glazed door glass*** – Advanced energy savings and external glass that does not burn you.

7 Fan speeds – Precise control of air distribution for desired results with different products

Automatic Fan stop – No scalding when the door opened quickly.

Auto-reversing fan – Excellent evenness to deliver high product color and texture uniformity.

Massive door handle – Comfortable and safe handling with silver ion material contain for bacteria reduction.

One point core probe

Flap valve

AISI 304 and 316 – Exceptional quality with a special coating for an extended life time

Hygienic cooking chamber with round inner corners – Trouble free maintenance.

Run-off tray under the door – No slipping on wet floor.

Two water inlets – Saves a water treatment unit's capacity.

WSS (Water Saving System) – Special drain system & in-built heat exchanger to save water related cost.

CONECTIVITY

USB plug-in – Transfer data easily to and from the combi oven. **VisionCombi software** – Program and pictogram management in your PC, HACCP data view.

OPERATION LOGS

HACCP records – Immediate analysis of critical cooking points.

Complete operating records

SERVICE

BCS* (Boiler Control System) – Nothing stops you steam cooking with the in-built advanced boilerless steam generation system.

SDS (Service Diagnostic System) – Easy unit check up and trouble shooting.

UNIT OPTIONS

99 programs with 9 steps

Left door**

Safety door opening in two steps

Accessories – stands, trolleys, cleaning agents etc.



FULL SIZE MODELS AND TECHNICAL DETAILS

Suitable solution for each facility.







O 1021

Model	B 621i	B 621ig	B 1021i	B 1021ig	B 1221i
Energy	electricity	gas*	electricity	gas*	electricity
Steam generator	boilerless	boilerless	boilerless	boilerless	boilerless
Capacity (cooking pans)	7 × Full-size or 14 × Half-size	7 × Full-size or 14 × Half-size	11 × Full-size or 22 × Half-size	11 × Full-size or 22 × Half-size	12 × Full-size or 24 × Half-size
Capacity of meals	100-300	100-300	300-500	300-500	400-600
Spacing	2.9"	2.9"	2.9"	2.9"	2.6"
Dimensions (w×h×d) [in]	44.1" × 32.6" × 40.1"	44.1" × 32.6" × 40.1"	44.1" × 42.8" × 40.1"	44.1" × 42.8" × 40.1"	43.7" × 52.9" × 37.8"
Weight	333 lb	353 lb	425.5 lb	447.5 lb	463 lb
Heat power	14.7 kW	99,000 BTU/hr	23.7 kW	135,000 BTU/hr	29.4 kW
Total power	15.3 kW	0.8 kW	24.3 kW	0.9 kW	30.3 kW
Steam generation power	-	-	-	-	-
Fuse	45 A	15 A	70 A	15 A	90 A
Voltage	3~/208 V/50-60Hz	1N~120V/50-60Hz	3~/208 V/50-60Hz	1N~120V/50-60Hz	3~/208 V/50-60Hz
Water/Drain connection [in]	G 3/4" / 2"	G 3/4" / 2"	G 3/4" / 2"	G 3/4" / 2"	G 3/4" / 2"
Gas connection	-	NPT 3/4"	-	NPT 3/4"	-
Noise level	max. 70 dBA	max. 70 dBA	max. 70 dBA	max. 70 dBA	max. 70 dBA
Temperature	86-572°F	86-572 °F	86-572 °F	86-572°F	86-572 °F





























O 2021

B 1221b	B 1221ig	B 2021i	B 2021b	B 2021ig
electricity	gas*	electricity	electricity	gas*
boiler	boilerless	boilerless	boiler	boilerless
12 × Full-size or 24 × Half-size	12 × Full-size or 24 × Half-size	20 × Full-size or 40 × Half-size	20 × Full-size or 40 × Half-size	20 × Full-size or 40 × Half-size
400-600	400-600	600-900	600-900	600-900
2.6"	2.6"	2.5"	2.5"	2.5"
43.7" × 52.9" × 37.8"	43.7" × 52.9" × 37.8"	45.5" × 71.4" × 37.9"	45.5" × 71.4" × 37.9"	45.5" × 71.4" × 37.9"
485 lb	504 lb	728 lb	740 lb	834 lb
29.4 kW	160,000 BTU/hr	47.4 kW	47.4 kW	280,000 BTU/hr
30.3 kW	1.4 kW	48.3 kW	48.3 kW	1.6 kW
27 kW	-	-	39.3 kW	-
90 A	20 A	150 A	150 A	20 A
3~/208 V/50-60Hz	1N~120V/50-60Hz	3~/208 V/50-60Hz	3~/208 V/50-60Hz	1N~120V/50-60Hz
G 3/4" / 2"				
-	NPT 3/4"	-	-	NPT 3/4"
max. 70 dBA				
86-572 °F				

O – Orange Vision | i – injection | b – boiler | g – gas

^{*} Standard configuration – natural gas (G20, G25) with flue gas exhaust A3 (without chimney)

MODELS AND TECHNICAL DETAILS

Suitable solution for each facility.





O 623

O 611

Model	B 623i	B 611i	B 611b	B 611ig
Energy	electricity	electricity	electricity	gas*
Steam generator	boilerless	boilerless	boiler	boilerless
Capacity (cooking pans)	6 × 13.9" × 12.8"	7 × Half-size	7 × Half-size	7 x Half-size
Capacity of meals	30-50	51–150	51–150	51–150
Spacing	2.6"	2.6"	2.6"	2.6"
Dimensions (w×h×d) [in]	26.9" × 23.7" × 23.1"	36.7" × 32.6" × 32.3"	36.7" × 32.6" × 32.3"	36.7" × 32.6" × 32.3"
Weight	136 lb	255 lb	268 lb	280 lb
Heat power	3.9 kW	8.4 kW	8.4 kW	46,000 BTU/hr
Total power	4.2 kW	9 kW	9 kW	0.8 kW
Steam generation power	-	-	7.4 kW	-
Fuse	15 A	30 A	30 A	10 A
Voltage	3~/208 V/50-60Hz	3~/208 V/50-60Hz	3~/208 V/50-60Hz	1N~120V/50-60Hz
Water/Drain connection [in]	G 3/4" / 1.6"	G 3/4" / 2"	G 3/4" / 2"	G 3/4" / 2"
Gas connection	-	-	-	NPT 3/4"
Noise level	max. 70 dBA	max. 70 dBA	max. 70 dBA	max. 70 dBA
Temperature	86-572 °F	86-572°F	86-572 °F	86-572 °F







O 1011

B 1011i	B 1011b	B 1011ig	B 2011i	B 2011b	B 2011ig
electricity	electricity	gas*	electricity	electricity	gas*
boilerless	boiler	boilerless	boilerless	boiler	boilerless
11 × Half-size	11 × Half-size	11 × Half-size	20 × Half-size	20 × Half-size	20 × Half-size
151-250	151-250	151-250	400-600	400-600	400-600
2.6"	2.6"	2.6"	2.5"	2.5"	2.5"
36.7" × 42.8" × 32.3"	36.7" × 42.8" × 32.3"	36.7" × 42.8" × 32.3"	37.3" × 71" × 32.8"	37.3" × 71" × 32.8"	37.3" × 71" × 32.8"
304 lb	316 lb	328 lb	518 lb	540 lb	566 lb
14.7 kW	14.7 kW	80,000 BTU/hr	29.4 kW	29.4 kW	160,000 BTU/hr
15.3 kW	15.3 kW	0.8 kW	30.3 kW	30.3 kW	1.4 kW
-	14.7 kW	-	-	27 kW	-
45 A	45 A	15 A	90 A	90 A	20 A
3~/208 V/50-60Hz	3~/208 V/50-60Hz	1~/120 V/50-60Hz	3~/208 V/50-60Hz	3~/208 V/50-60Hz	1~/120 V/50-60Hz
G 3/4" / 2"	G 3/4" / 2"	G 3/4" / 2"	G 3/4" / 2"	G 3/4" / 2"	G 3/4" / 2"
-	-	NPT 3/4"	-	-	NPT 3/4"
max. 70 dBA	max. 70 dBA	max. 70 dBA	max. 70 dBA	max. 70 dBA	max. 70 dBA
86-572 °F	86-572 °F	86-572°F	86-572 °F	86-572 °F	86-572°F





















O – Orange Vision | i – injection | b – boiler | g – gas

^{*} Standard configuration – natural gas (G20, G25) with flue gas exhaust A3 (without chimney)

SETS AND ACCESSORY OPTIONS



RETIGO VISION COMBI OVEN + STAND

FULL SIZE MODELS

Two stands are available for the installation of combi ovens 621 and 1021 in a kitchen – standard with 7 Half size & 7 Full size racks (ST621/1021) or folding stand with 7 Half size & 7 Full size racks (ST621/1021 FP).

Sets:

- 621 + ST621/1021 or ST621/1021 FP
- 1021 + ST621/1021 or ST621/1021 FP

HALF SIZE MODELS

There are several stands available for the installation of combi ovens 623, 611 and 1011 in a kitchen – standard with 16 racks (ST623, ST1116) or a stand with wheels for easy handling of the machine (ST 1116 CS, ST623 CS). There is a folding stand with eight racks available for models 611 and 1011.

Sets

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- 623 + ST623 or ST623 CS
- 611 + ST 1116 or ST 1116 CS or ST
- 1116 H or ST 1108 FP
- 1011 + ST 1116 or ST 1116 CS or ST
- 1116 H or ST 1108 FP



RETIGO VISION COMBI OVEN ON A CONSOLE

Even our smallest size of Retigo Vision 623 on a stand won't fit in your kitchen? Here's a solution for you. Mount the combi oven on your wall on a console. You will hardly find a bigger space saving.

Sets:

• 623 + wall-mount KN 623 console



ELECTRICAL RETIGO VISION COMBI OVEN SETS

Combi oven sets can increase your kitchen's capacity without taking up much more room. Various combi oven size combinations are available. Each set is automatically supplied with a stand under the set, brace for the bottom machine, bottom machine chimney connection set and a stainless steel collar for covering the gap between the machines.

Sets (bottom machine/top machine):

FULL SIZE MODELS

- 621i/621i + set kit
- 1021i/ 621i + set kit

HALF SIZE MODELS

- 623i/623i + set kit
- 611i, b/611i, b + set kit
- 1011i, b/ 611i, b + set kit



GAS RETIGO VISION COMBI OVEN SETS

Also gas combi ovens may be installed in sets, however, with limited options.

Sets (bottom machine/top machine):

FULL SIZE MODELS

- 621ig/621ig + set kit
- 621ig/621i + set kit
- 621i/621ig + set kit
- 1021i/621ig + set kit
- 1021ig/621ig + set kit

HALF SIZE MODELS

- 611ig/611ig + set kit
- 611ig/611i, b + set kit
- 611i, b/611ig + set kit
- 1011i, b/611ig + set kit
- 1011ig/611ig + set kit



RETIGO VISION COMBI OVEN – REVERSE DOOR OPENING DIRECTION

As standard, Retigo Vision combiouens open from left to right (door hinges are on the right). However, combiouen sizes 623, 611 and 1011 can also have the opposite door opening direction if the layout of the kitchen necessitates it. The control panel remains on the left side of the combiouen.



RETIGO VISION COMBI OVEN – CLEANING AGENTS

A necessary part of work with combi steamers and other equipment is their maintenance and cleaning. Retigo offers with its products an entire series of cleaning agents for automatic washing, washing by hand, decalcification of cooking chambers and boilers, grease removal and descaling. Cleaning and treating water is important not only for hygienic reasons, but proper maintenance also guarantees maximum service life of the equipment. More information at www.retigo.us.

Other accessories available at: www.retigo.us

Retigo's history commenced in 1994. The company has a narrow specialisation on the steam combi oven market segment. It focuses on high quality and affordability of its products. Retigo has Czech owners, and thus remains one of the last independent manufacturers of combi ovens in the world. Thanks to its financial stability and technological facilities, the company can flexibly react to the needs of its customers. One of the primary prerequisites for success is an outstanding level of sales and post-sales services.



PERFECTION IN COOKING

A professional approach, excellent food, satisfied customers, these are the bases of success. Retigo has been helping professionals in the food service industry for over 25 years.



PRECISE EQUIPMENT AT THE BEST PRICE

High quality and utility each and every day. The best prices among the TOP combi ovens on the market.



FOR EVERY TYPE OF OPERATION

A small restaurant, or company kitchen feeding hundreds? Retigo combi ovens will always meet your requirements. We specialise in combi ovens so we know how to help in the kitchen.



A SENSIBLE CHOICE

We advise our customers on how to select the optimal model and prevent over-investment into combi oven equipment that they will not fully utilise. Comprehensive support on the way to satisfied customers and rapid return on investment.



OUTSTANDING CUSTOMER SUPPORT

Problem-free cooking with a focus on the satisfaction of your diners.



COMPLOVEN SPECIALIST

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