

EF-A PRO



Steam pipes deck oven

EF-A PRO is a fuel oil oven (on request, through the adoption of a special small furnace, also solid fuels: wood-coal). It is suitable for baking of bakery and pastry products, particularly ideal for home-made bread and big bread. The range includes ovens with overall dimensions optimized to 3 overlapping chambers, to 2, 3 and 4 doors per deck to meet also the needs of bakeries with reduced spaces. The oven has an excellent energy efficiency and ensures bakings identical to those of traditional ovens. It is delivered in sub-assemblies to facilitate assembly operations.

Standard features

- Baking surface: from 6 to 21 m²;
- Useful height per deck: 190 mm first and second chamber, 230 mm upper chamber;
- Number of decks: 3;
- Number of doors: from 2-3-4 doors per deck of 600 mm.

Principle of operation

Heat distribution through pipes in special steel, closed-loop, with double branch for sky and low part of each chamber. The hot fumes generated by the burner (or by the solid fuel) transform the water, contained in the pipes, in superheated steam which evenly expands along the ring and its branches that constitute the radiant surface surrounding each baking chamber. The transmission of heat through "steam pipes" is very effective as it exploits the high coefficient of heat exchange of high temperature steam. The high values of thermal inertia allow the so-called "downhill" baking, when the burner is off, avoiding constant temperature changes.

Construction

Front: stainless steel for mouth, hood and control panel.

Pallet panels in painted sheet metal. Removable glasses, 3-position "F" handle. **Hood with extractor.**

Baking chamber: refractory stone soil 20 mm thick -halogen lighting.

Exchanger: 24 single round annular tubes per linear meter -combustion chamber in refractory stainless steel.

Insulation: with crossed rock wool panels - reflective glasses.

Configuration	EF-A PRO
Burner	
Fuel oil burner	☐ €
Small lateral furnace	☐ €
Controls	
Ergocom base	▪
Ergocom advanced (with timer)	☐ €
Valves	
Manual steam evacuation valve on each deck	▪
Hood - Extractor	
Hood with extractor	▪
Hooks on the oven	
Internal hooks	▪
External hooks	☐
Other	
Pulsed steam injection	▪
Furnace cleaning kit (only with small furnace)	☐ €
Supply voltage	
230 V MONO + N 50Hz	▪
▪ Standard ☐ Option ☐ € Payment option NA Not available	



EF-A PRO DECK OVENS

Configuration		Model	Baking area m²	Doors width mm	Number of doors per deck	Number of decks	Depth mm
H 230 mm		EF-A PRO 320	6	600	2	3	3045
H 190 mm		EF-A PRO 321	7,5	600	2	3	3445
H 190 mm		EF-A PRO 322	9	600	2	3	3845
H 230 mm		EF-A PRO 330	9	600	3	3	3045
		EF-A PRO 331	11,2	600	3	3	3445
		EF-A PRO 332	13,4	600	3	3	3845
		EF-A PRO 333	15,6	600	3	3	4245
H 230 mm		EF-A PRO 340	12	600	4	3	3045
		EF-A PRO 341	15	600	4	3	3445
		EF-A PRO 342	18	600	4	3	3845
		EF-A PRO 343	21	600	4	3	4245

EF-A PRO- SUMMARY TABLE OF MANUAL FRAMES AND FRAME-HOLDER RACKS

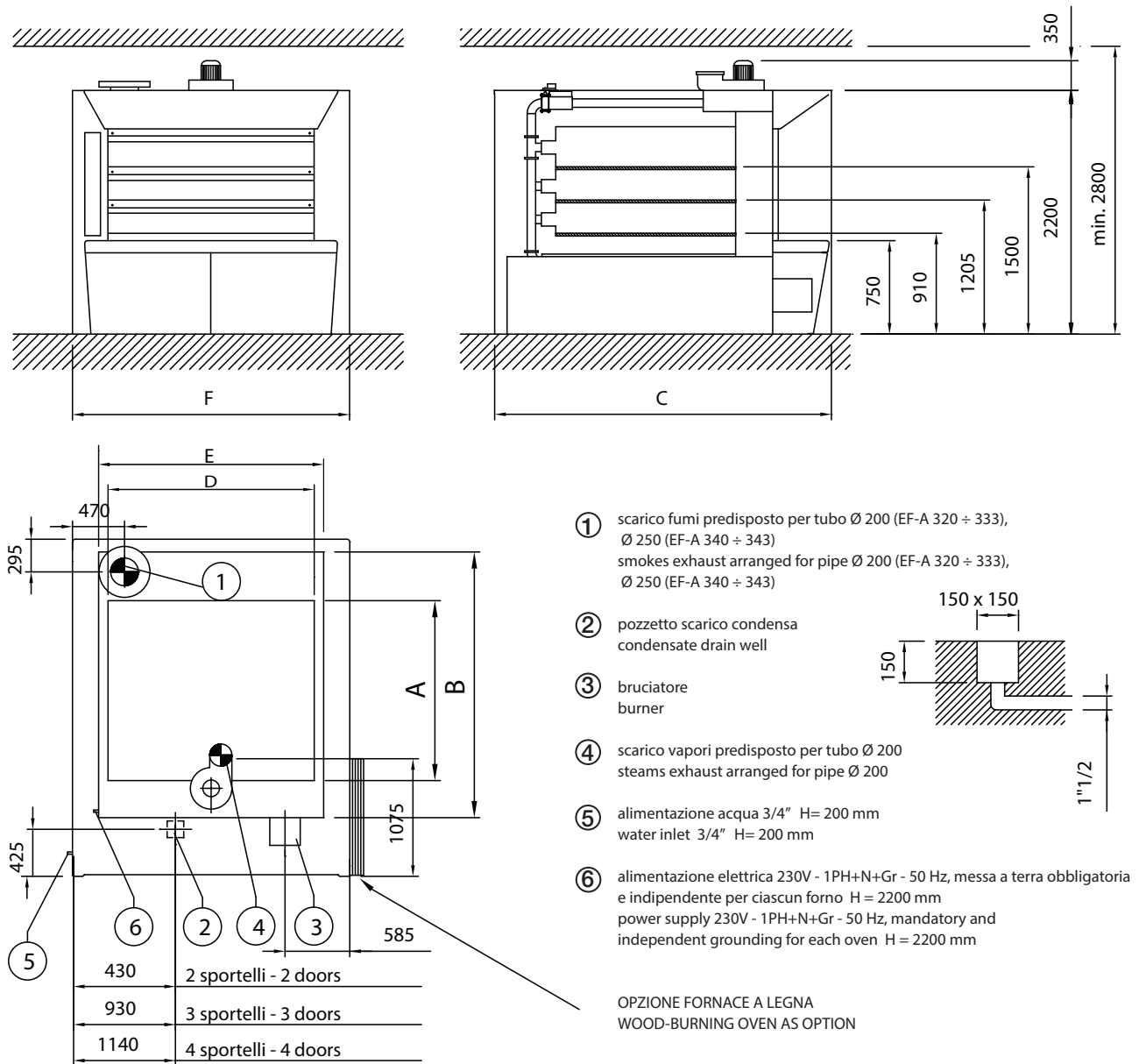
Usable baking surface		Oven model	Frame sizes		Frame code	Frame-holder racks sizes		
Width	Depth		Width	Length		Width	Length	Height
		EF-A PRO/320	580	2160	AF00265004	630	2260	1830
		EF-A PRO/330						
		EF-A PRO/340						
600	2025	EF-A PRO/321	580	2560	AF00265005	630	2660	1830
		EF-A PRO/331						
		EF-A PRO/341						
600	2425	EF-A PRO/322	580	2960	AF00265006	630	3060	1830
		EF-A PRO/332						
		EF-A PRO/342						
600	2825	EF-A PRO/333	580	3360	AF00265007	630	3460	1830
		EF-A PRO/343						



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EF-A PRO 3 CHAMBERS DECK OVEN

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Mod.	A mm	B mm	C mm	D mm	E mm	F mm	Thermal power Kcal/h	Baking area m ²
EF-A PRO 320	1625	2400	3045	1246	1416	1780	50000	6
EF-A PRO 321	2025	2800	3445				55000	7,5
EF-A PRO 322	2425	3200	3845				60000	9
EF-A PRO 330	1625	2400	3045	1863	2033	2400	60000	9
EF-A PRO 331	2025	2800	3445				65000	11,2
EF-A PRO 332	2425	3200	3845				75000	13,5
EF-A PRO 333	2825	3600	4245	2480	2650	3020	85000	15,7
EF-A PRO 340	1625	2400	3045				80000	12
EF-A PRO 341	2025	2800	3445				85000	15
EF-A PRO 342	2425	3200	3845				90000	18
EF-A PRO 343	2825	3600	4245				103000	21

Installed and absorbed power: kW 1,9 without burner

Installed and absorbed power: kW 2,3 with burner