

GB MONO-PHASE STEAM GENERATOR
with automatic refilling system and detergent injection.
Combined with a wet/dry vac equipped with a float.
Ergonomic model.

I GENERATORE DI VAPORE MONOFASE con sistema
di ricarica automatica ed iniezione di detergente.
Abbinato ad un aspirapolvere/aspiraliquidi dotato di
galleggiante. Modello ergonomico.

D MONOPHASIGER DAMPFGENERATOR
mit automatischem Auffüllsystem und
Reinigungsmittelinjektion, mit einem mit
Schwimmsperre ausgestatten Staub - und
Flüssigsauger. Ergonomisches Modell.

**F GÉNÉRATEUR DE VAPEUR
MONOPHASÉ** avec système de recharge
automatique et injection de détergent,
combiné avec un aspirateur eau et
poussière équipé d'un flotteur. Modèle
ergonomique.

ES GENERADOR DE VAPOR MONOFÁSICO
con recarga automática e inyección de
detergente, combinado con un aspirador
agua/polvo, dotado de un flotador. Modelo
ergonómico.



6
bar

165°C
STEAM

NON STOP
STEAM

3L



FOR OUR HEALTH

Kit HEPA



CARMEN PLUS INOX

Boiler Output Potenza Caldaia Dampfkessel-Leistung Puissance Chaudière Potencia Caldera	A 3 1 0 4	W	3600
Boiler Volume Volume Caldaia Dampfkessel Volumen Volume Chaudière Volumen Caldera	I		4
Water Reserve Tank Serbatoio Acqua Wassertank Réservoir Eau Depósito Agua	I		3
Pressure Pressione Arbeitsdruck Pression Presión	bar psi		6 87
Steam temperature Temperatura vapore Dampf Temperatur Température Vapeur Temperatura Vapor	°C °F		165 329
Steam Production Produzione Vapore Dampfproduktion Production Vapeur Producción Vapor	g/min Kg/h		97 5,9
Detergent Tank Serbatoio Detergente Reinigungsmittel tank Réservoir Détergent Deposito Detergente	I		3
Detergent temperature Temperatura Detergente Reinigungsmittel Temperatur Température Détergent Temperatura Detergente	°C °F		90/125 194/257
Power Supply Tensione Spannung Alimentation Électrique Tensión	V Hz		230 50/60
Maximum Output Potenza Massima Maximal-Leistung Puissance Maximale Potencia Máxima	W		3650
Vacuum Output Potenza Aspiratore Saugerleistung Puissance Aspirateur Potencia Aspirador	W		1200
Air Flow Portata aria Lufstrom Flux d'Air Caudal de Aire	m3/h		200
Depression Depressione Unterdruck Dépression Depresión	mm		2200
Vacuum Drum Capacity Capacità Liquido Aspirato Saugbehälter Kapazität Capacité Liquide Aspiré Capacidad Líquido Aspirado	I		5,5
Weight Peso Gewicht Poids Peso	Kg lb		30 66,1
Packaging Imballo Verpackung Emballage Embalaje	cm ft		63x45x75 2x1,5x2,5
Quantity/Pallet Quantità/Bancale Stückzahl/Palette Quantité/Palette Cantidad/Paleta	n°		8

OUR KIT

Radames 6 bar (Standard)



July 6 bar (Optional)



Star 6 bar (optional)



Chewing Gum Removal Kit (Optional)



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University of Verona
Department of Medicine and Public Health

Sezione di Igiene e Medicina Preventiva Ambientale ed Occupazionale
Prof. Gabriele Romano

RESULTS

	CFU/100 cm ² pre-treatment	CFU/100 cm ² post-treatment	reduction %	treatment	area
M.T.C. r.t.	371	96	74	1	B
	527	248	53	1	C
	187	22	88	1	D
	78	2	97	2	A
	708	67	91	2	B
	833	0	100	3	C

M.T.C. r.t.: microbial total count at room temperature

	CFU/100 cm ² pre-treatment	CFU/100 cm ² post-treatment	reduction %	treatment	area
M.T.C. 37°C	628	185	70	1	B
	149	15	90	1	D
	218	4	98	2	A
	833	43	95	2	B
	833	0	100	3	C

M.T.C. 37°C.: microbial total count at 37°C

DISCUSSION

Data have showed how the application of just steam is efficient proportionally to time of application; treatment 2 (1 minute and 30 seconds) has given a higher percentage reduction of microbial count than treatment 3, particularly in the case of a substantial contamination.

Treatment 3 (steam mixed with disinfectant) has given the most efficient result of all, with a total reduction of microorganisms.

However the study -based on experimental data- has not demonstrated -when the reduction was below 100%- if the system is efficient against potentially pathogenic microorganisms (vegetative cells and spores). Analytical methods applied indeed have showed the degree of microbial contamination of tested environments before and after treatments but have not given information about the microbial species.

Detailed information concerning the efficacy of bactericidal activity of CARMEN PLUS INOX could be obtained with a test "in vitro": a sterile surface artificially contaminated with a known amount of microorganisms is treated with the steam system.

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Tested and approved
by FIGR in Germany



tested

Kit Steam Mop (Optional)

Tools designed and created from Tecnovap technology.
Accessori progettati e realizzati dalla tecnologia Tecnovap.
Zubehör von der Tecnovap Technologie entwickelt und realisiert.
Accessoires projetés et réalisés par la technologie Tecnovap.
Accesorios proyectados y realizados por la tecnología Tecnovap.

TECNOVAP



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