



Virtus
THE PURSUIT OF EXCELLENCE



MASTRO
FOODSERVICE EQUIPMENT EVOLUTION

DISHWASHING

SPÜLTECHNIK / LAVAGGIO
LAVAGE / LAVADO DE VAJILLA



FOOD SERVICE EQUIPMENT
WORLDWIDE

EVOLUTION DISHWAHERS



ONE BODY, TWO RANGES

Virtus evolution series offer all the benefits features of the highest ranges, but for all market segments, from the lowest to the highest.

The Evolution Series meets all market requirements, beginning with a double insulated body structure and selecting the appropriate technology to fulfill the needs and requirements of each segment.

The simplification of the structural parts and our commitment to stamped parts offers many advantages and exceptional performance: very easy to clean, maximum reliability for intensive use and optimum user safety.

EVOLUTION Series comes in two different ranges:

EVOLUTIONS PLUS and EVOLUTION AVANTGARDE.

EVOLUTION Series are different and innovative ...

They are revolutionary.

EVOLUTION is built on a unique basic idea: create a single body structure that offers common benefits for its two different ranges.

Two ranges which cover not only the specific needs of each client (restaurants, bars, cafes, pubs, schools, hotels, etc.),

but create a smarter product and, at the same time, more simple; revolutionizing the commercial dishwashing world.



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EVOLUTION DISHWASHERS UNA STRUTTURA, DUE GAMME

La gamma virtus evolution è nata dall'idea di unire in un'unica famiglia tutte le attrezzature del settore con le migliori caratteristiche, ma indicate per tutti i settori del mercato. La serie **EVOLUTION** soddisfa tutte le richieste del mercato, a partire dalla composizione del macchinario: il corpo ha un doppio isolamento e la versione standard ha già incluse tutte le caratteristiche per fornire una gamma di prodotti compatta e di alta qualità. La semplificazione delle parti strutturali e la cura delle parti stampate offre numerosi vantaggi e migliori prestazioni: facilità nella pulizia, massima affidabilità per un uso intensivo e massima sicurezza nell'utilizzo.

Le gamma **EVOLUTION** è disponibile come **EVOLUTION PLUS** ed **EVOLUTION AVANTGARDE**. Le serie **EVOLUTION** sono diverse ed innovative... Sono rivoluzionarie. **EVOLUTION** si basa su un'idea di base unica: creare un macchinario con un corpo unico che offra vantaggi per entrambe le gamme. Le due gamme, oltre a soddisfare ogni specifica esigenza dei clienti (ristoranti, bar, pub, scuole, hotel, ecc.), creano un prodotto innovativo e, allo stesso tempo più semplice, rivoluzionando il mondo delle lavastoviglie commerciali.



EVOLUTION DISHWASHERS EINE GEHÄUSE, ZWEI SERIEN

Die Serien Virtus Evolution werden getragen von der Idee, in einer Produktfamilie alle Eigenschaften von Geräten des obersten Marktsegment zu vereinen. Die **EVOLUTION** Serie deckt jeglichen Bedarf, beginnend von einem doppelwandigen Gehäuse, um geräuscharmes Arbeiten zu gewährleisten, bis hin alle Optionen standardmäßig bereitzustellen, um eine kompakte, qualitativ hochwertige Produktauswahl bereitzustellen. Die Einfachheit der Maschinen und die Nutzung tiefgezogener Teile bieten vielfältige Vorteile und außergewöhnliche Leistungen: problemlose Reinigung, maximale Zuverlässigkeit bei intensiver Nutzung und optimale Sicherheit für den Benutzer.

Die Serien **EVOLUTION** sind erhältlich als **EVOLUTION PLUS** und **EVOLUTION AVANTGARDE**. **EVOLUTION** SERIEN sind vor allem innovativ... Sie sind revolutionär. **EVOLUTION** wurde auf Grundlage einer einzigen Idee gebaut: ein einzelnes Gehäuse, welches gemeinsame Vorteile für zwei Serien bietet. Die zwei Serien, die nicht nur an die jeweiligen Bedürfnisse des Kunden (Restaurants, Bars, Cafeterias, Pubs, Schulen, Hotels usw.) angepasst werden können, sondern die auch intelligent, robust, effizient und gleichzeitig einfache Geräte bieten, welche das Waschen revolutionieren.

EVOLUTION DISHWASHERS UNE STRUCTURE, 2 GAMMES.

Virtus Evolution Series offrent tous les bénéfices du haut de gamme, pour tous les segments de marché, du plus bas au plus haut. **EVOLUTION** Series répond a toutes les demandes du marché, en commençant par une double isolation de la structure et en sélectionnant les technologies appropriées pour répondre aux besoins de chaque segments. La simplification des parties structurelles et

l'utilisation de pièces embouties... Offre beaucoup d'avantages et performance: très facile a nettoyer, fiabilité maximum pour une utilisation intensive et sécurité optimum pour l'utilisateur. **EVOLUTION** Series vient avec 2 différentes gammes: **EVOLUTION PLUS** et **EVOLUTION AVANTGARDE**. **EVOLUTION** Series sont différentes et innovantes... révolutionnaires. **EVOLUTION** est construit sur une unique idée basique: créer une seule structure qui offre des bénéfices communs pour ses 2 gammes. 2 gammes qui non seulement couvrent les besoins spécifiques des clients (restaurants, bars, cafés, pubs, écoles, hotels, etc...) mais crée un produit plus intelligent et, en même temps, plus simple : révolutionnant le monde de la laverie



EVOLUTION DISHWASHERS UN CUERPO, DOS RANGOS

La serie virtus evolution ofrece todas las ventajas características de los lineas más altos, pero cubriendo todos los segmentos del mercado, desde el más bajo al más alto. La serie **EVOLUTION** cumple con todos los requisitos del mercado, comenzando con una estructura de cuerpo con doble aislamiento y seleccionando la tecnología adecuada para satisfacer las necesidades y requisitos de cada segmento de mercado. La simplificación de las piezas estructurales y nuestro compromiso con las piezas estampadas ofrecen muchas ventajas y un rendimiento excepcional: muy fácil de limpiar, máxima fiabilidad para un uso intensivo y seguridad óptima para el usuario.

La serie **EVOLUTION** esta compuesta por dos gamas diferentes: **EVOLUTIONS PLUS** y **EVOLUTION AVANTGARDE**. La serie **EVOLUTION** es diferente e innovadora... es revolucionaria. **EVOLUTION** se basa en una idea básica única: crear una estructura de cuerpo único que ofrezca beneficios comunes para sus dos gamas diferentes. Dos gamas que cubren no solo las necesidades específicas de cada cliente (restaurantes, bares, cafeterías, pubs, escuelas, hoteles, etc.), sino que crean un producto más inteligente y, al mismo tiempo, más simple; revolucionando el mundo comercial de lavavajillas.





FEATURES FOR RANGE

MACHINE TYPE		HOOD-TYPE		FRONT LOADING		GLASSWASHERS
	RANGE	EVOLUTION AVANTGARDE	EVOLUTION PLUS	EVOLUTION AVANTGARDE	EVOLUTION PLUS	EVOLUTION AVANTGARDE
	EFFI-WASH Newly optimized hydraulic system provides a strong mechanical action combined with the optimum clean water in the tank, and the balanced power to keep the perfect hygienic temperature during the whole lifetime of the machine.	•	•	•	•	•
	EFFI-RINSE system assures a perfect hygienic result with a linear 85°C full rinsing cycle thanks to its incorporated rinsing pump and air break system design.	•	•	•	•	-
	EFFI-SILENT Full Double skin body to isolate machine's noise from the environment, making the atmosphere more peaceful.	•	-	•	•	-
	HRS Virutus's HRS collects and condenses the steam exhausted by the machine after a full cleaning cycle, and heats up the input water from 10°C to 25°C (for example). It also allows to avoid installing a hood in most of the cases.	-	• except GLB0071/FN	-	-	-
	MULTIPOWER Several machines in one. Perfect solution to minimize your stock. By making an easy change in the electrical connecting box during the installation, you will be able to have a 3,4 kW machine or 6,2 kW or other powers.	•	•	•	•	-
	SELF-DRAIN Every washing cycle, SELF-DRAIN takes care of removing dirty water from the tank just before starting to fall the rinsing clean and hot water over the ware.	•	-	•	-	-
	SCI FILTER Consists in a simple 3 steps filtering system for big, medium and small size dirtiness particles; allowing to keep the wash tank water clean for a longer period of time.	•	-	•	-	-
	SOFT-START It assures a low noise level of the bar or restaurant where it is installed and prevents the glasses and ware from moving inside the basket, protecting them from breaking and improving the washing cycle of all the ware.	-	-	•	•	-
	VIRTUS SERVICE Access to internal menu through password to display and check the status of all components: pumps, switches, heating elements, temperature and pressure sensors, etc.	•	-	•	-	-
	SCIENCE One touch at a glance elevates its simplicity and smartness to one single Multichromatic button, making operator's life easier and optimizing the operating costs thanks to its intuitive 3 colors code.	•	-	•	-	-
	ECO FILL The NEW Thermostatic tank water filling system: allows to speed up drastically the start-up time of the machine, because the wash tank is filled in with hot water previously heat in the boiler.	•	•	•	•	-
	GN-1/1Using our special basket CB7-GN, E-VO Concept, Concept+ and Advance undercounters and hood-type machines are able to wash perfectly GN 1/1 trays. A huge advantage for our customers, thanks to its 380 mm clearance for undercounters and 440 mm for hood-types. A real proof of versatility.	•	•	•	•	-
	ROCK COUNTERBALANCED DOOR Double spring and stainless steel hinge system tested to resist the strongest usage of the market, with more than 360.000 openings.	-	-	•	•	-
	KITS PHILOSOPHY Reduce stock and simplify your order by just selecting the basic versions and adding the kits when required: detergent dispenser and drain pump. No need to have many versions in your stock. Easy to install kits with easy accessibility to the components minimizing the installation risks.	-	•	•	•	-
	STAMPED PHILOSOPHY A fully new stainless steel body and structure made to resist and resist to the strongest usage of the market.	•	•	•	•	-
	IPx5 ZERO-HUMIDITY Designed to have a full protection IPx5 against water hose cleaning and external humidity.	•	-	•	-	-
	SELF-CLEANING It allows the user to avoid hand-cleaning, because the machine will make it for you with this function. It will wash the chamber with detergent, rinse it all and drain everything away, leaving the machine without water in the tank and boiler. This will prevent bad smell and increase your machine's lifetime.	•	-	•	-	-
	MULTI CONNECTION BOX (1+N/3+N)	•	•	•	•	-
	THERMOSTOP (83 °C)	•	•	•	•	•

TABLE OF FUNCTION AND FEATURES

MACHINE TYPE	HOOD-TYPE		FRONT LOADING		GLASSWASHERS
RANGE	EVOLUTION AVANTGARDE	EVOLUTION PLUS	EVOLUTION AVANTGARDE	EVOLUTION PLUS	EVOLUTION PLUS
MODEL	GLB0080N	GLB0071/FN GLB0082N	GLB0088	GLB0067/F GLB0069/F	GLB0091
Wash Cycles (seconds)	55-75-120 GLASS (***)	55-75-120	60-90-120 GLASS (***)	90-120-180	90-120-180
Programmable Wash Cycle	•	-	•	-	-
Continuous Cycle	•	•	-	-	-
Electronic display	•	•	•	•	•
Max Productivity (*)					
Baskets/hour	65	65	60	40	40
Dishes/hour	1170	1170	1080	720	-
Glasses/hour	2340	2340	2160	1440	-
Trays/hour	455	455	420	280	-
Standard Basket size (mm)	500 x 500	500 x 500	500 x 500	500 x 500	400 x 400
Able for GN-1/1 trays	•	•	•	•	-
Dimensions (mm)					
Width	630	630	600	600	470
Depth	750	750	600	600	520
Height	1465	1465	830	830	720
Useful Loading Height (clearance)	440	440	360	360	270
Open Hood Height	1940	1940	-	-	-
Capacity (liters)					
Wash Tank	28	33	14	20	15
Boiler	10	10	7	7	4
Water consumption per cycle	2,4	2,4	2,4	2,4	2,2
Power (kW)					
Tank heating element	2,1	4,5	1,0	2,8	2,0
Boiler/Booster heating element	9	9	5,6	5,6	2,8
Wash pump(s)	0,6	0,6	0,6	0,6	0,26
Rinse pump	0,13	0,13	0,13	0,13	-
Max. power	11,7	14,1	7,2	6,2	3,06
Working Temperature (°C)					
Washing	60	60	60	60	60
Rinsing	85	85	85	85	85
Multipower	•	•	•	•	-
Single Phase (1-phase)	•	•	•	•	•
Three Phases (3-phase)	•	•	•	•	-
Multivoltage (230 V-1N / 400 V-3 / 400 V-3N)	•	•	•	•	-
60Hz Version	○	○	○	○	•
Water Protection Rating	IPX5	IPX4	IPX5	IPX4	IPX4
Noise level (dBA)	<63	<65	<63	<65	<70
Rinsing Aid Dispenser	•	•	•	•	•
Detergent Aid Dispenser	•	•	•	○	○
Drain Pump	•	•	•	○	○
Rinse Pump	•	•	•	•	-
Integrated Softener	-	-	•	-	-
Double wall - door / hood	•	-	•	•	•
Double wall - body	-	-	•	•	-
Wash & Rinse branc - AISI-304	•	•	•	•	-
Filter trays AISI-304 in the wash tank	•	•	•	•	-





(Hood-type only)



(Undercounter type only)



Hood-type dishwashers

General features: Electronic control and display of temperature, functions and errors. Air Brake check valve system type AA according to EN 1717/WRAS. Theoretical maximum production of 65 baskets/hour (1170 plates/h). Alternating or simultaneous tank and boiler heating. IPX4 anti-humidity protection.

HRS: Virtus's HRS collects and condenses the steam exhausted by the machine after a full cleaning cycle, and heats up the input water from 10°C to 25°C (for example). It also allows to avoid installing a hood in most of the cases.

Effi rinse: Thermostop system with rinse pump that guarantees a perfect hygienic result with a complete rinse at 80–85 °C (EFFIRINSE) in accordance with the safety and hygiene specifications of standard.

Accessories included: 1x glass basket 500x500 mm, 1x plate 500x500 mm and 2x small cutlery baskets.

Undercounter dishwashers

General features: Electronic control and display of temperature, functions and errors. Air Brake check valve system type AA according to EN 1717/WRAS. Theoretical maximum production of 40 baskets/hour. Single-phase Multipower installation, with heating in the boiler which can be selected at time of installation. Multi-voltage: Allows the machine to be connected to a single- phase or three- phase voltage network. Double system of filter trays in the tank. IPX4 anti-humidity protection.

Effi silent: Full Double skin body to isolate machine's noise from the environment, making the atmosphere more peaceful.

Rock counterbalanced door:

Double spring and stainless steel hinge system tested to resist the strongest usage of the market, with more than 360.000 openings.

Soft-start: It assures a low noise level of the bar or restaurant where it is installed and prevents the glasses and ware from moving inside the basket, protecting them from breaking and improving the washing cycle of all the ware.

Accessories included: 1x glass basket 500x500 mm, 1x plate 500x500 mm and 2x small cutlery baskets.

Glasswasher cold: Push button for an optional cold rinse at the end of the cycle.

Accessories included: 2x glass baskets 400x400 mm, 1x supplement for plates and 1x small cutlery baskets.



Accessories

Z/F13376

Drain pump for undercounter dishwasher



Z/FEVPL60

Stand for front loading dishwashers



Z/TPLILAC60

Softener cartridge for glass- & under-counter dishwashers



Z/TK07510V

Automatic water softener for hood-type dishwashers



	Item Code Artikelnummer	Dimensions Abmessungen mm	Basket sizes Korbmaß mm	Useful internal clearance Nutzhöhe mm	Max. production Max. Waschleistung baskets/ hour	Power Leistung Total kW	Power Supply Netzspannung	Wash pump Washpumpe kW		Water consumption Wasserverbrauch liters / cycle	Washing cycle Waschzyklus sec.	Thermostop Thermostop System	Drain pump Ablaufpumpe	Rinsing aid dispenser Klarspülmitteldosierer	Detergent doser Peristaltischer Spülmitteldosierer	Double wall Doppelwandig	Tank Tank liters / kW	Boiler Boiler liters / kW
	GLB0091	470•525•720	400•400	270	40 - 30 - 20	3,4	220 - 240 V 1+N 50 Hz	0,26		2,2	90 - 120 - 180	•	•	•	•	Door	15,0 / 2,0	4,0 / 2,8
	GLB0067/F	600•600•830	500•500	360 suitable for GN 1/1 trays	40 - 30 - 20	3,4 / 6,2 / 6,2	220 - 240 V / 1+N 50 Hz 220 - 240 V / 3 50 Hz 380 - 415 V / 3+N 50 Hz	0,60		2,4	90 - 120 - 180	•	o	•	•	Body and door	20,0 / 2,8	7,0 / 5,6
	GLB0069/F	600•600•830	500•500	360 suitable for GN 1/1 trays	40 - 30 - 20	3,4 / 6,2 / 6,2	220 - 240 V / 1+N 50 Hz 220 - 240 V / 3 50 Hz 380 - 415 V / 3+N 50 Hz	0,60		2,4	90 - 120 - 180	•	•	•	•	Body and door	20,0 / 2,8	7,0 / 5,6
	GLB0071/FN	630•750•1465	500•500	440 suitable for GN 1/1 trays	65 - 48 - 20 - 6	9,8 / 14,3	220 - 240 V / 3 50 Hz 380 - 415 V / 3+N 50 Hz	0,75		2,4	55 - 75 - 120 - 600	•	•	•	•	-	33,0 / 4,5	10,0 / 9,0
	GLB0082N	630•750•1990	500•500	440 suitable for GN 1/1 trays	65 - 48 - 20 - 6	9,8 / 14,3	220 - 240 V / 3 50 Hz 380 - 415 V / 3+N 50 Hz	0,75		2,4	55 - 75 - 120 - 600	•	•	•	•	-	33,0 / 4,5	10,0 / 9,0

• Series o Option - Not Version

Our machines must be connected to a water softener plant in order to maintain the warranty claim. A proof is mandatory.



- EFFI WASH

EFFI RINSE

STAMPED PHILOSOPHY

SELF CLEANING

GN 1/1

MULTI CONNECTION BOX

SELF DRAIN

SCI FILTER

SCIENCE

IPX5 ZERO HUMIDITY

VIRTUS SERVICE

ECO FILL

MULTI POWER

EFFI SILENT

(Undercounter type only)

- ROCK COUNTER-BALANCED DOOR

SOFT START

Hood-type dishwashers

Electronic and digital control. Digital display with information on programs, times and temperatures. Rinse pump which guarantees a perfect hygiene result with complete linear rinse cycle at 85°C. Double-walled Hood with special compressed insulating material. IPX5 anti-humidity protection.

Self-drain: Every washing cycle, SELF-DRAIN takes care of removing dirty water from the tank just before starting to fall the rinsing clean water over the ware. Therefore, you will be able to keep the wash tank clean during much more time, optimizing your running costs thanks to energy savings.

Accessories included: 1x glass basket 500x500 mm, 1x plate 500x500 mm and 2x small cutlery baskets.

Undercounter dishwashers

Electronic and digital control. Digital display with information on programs, times and temperatures. Rinse pump which guarantees a perfect hygiene result with complete linear rinse cycle at 85°C. Specific "Glass-washing" program for glassware, in compliance with the specifications of safety and hygiene regulation. Multi-voltage: Allows the machine to be connected to a singlephase or three-phase voltage network.

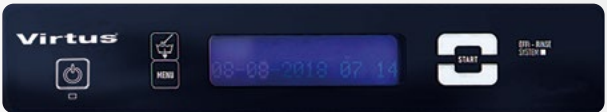
Self-cleaning: It allows the user to avoid hand-cleaning, because the machine will make it for you with this function. It will wash the chamber with detergent, rinse it all and drain everything away, leaving the machine without water in the tank and boiler. This will prevent bad smell and increase your machine's lifetime.

Rock counterbalanced door:

Double spring and stainless steel hinge system tested to resist the strongest usage of the market, with more than 360.000 openings.

Soft-start: It assures a low noise level of the bar or restaurant where it is installed and prevents the glasses and ware from moving inside the basket, protecting them from breaking and improving the washing cycle of all the ware.

Accessories included: 1x glass basket 500x500 mm, 1x plate 500x500 mm and 2x small cutlery baskets.



Accessories

- Z/FEVPL60**
Stand for front loading dishwashers
- Z/TPLILAC60**
Softener cartridge for glass- & under-counter dishwashers
- Z/TK07510V**
Automatic water softener for hood-type dishwashers

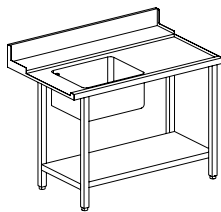
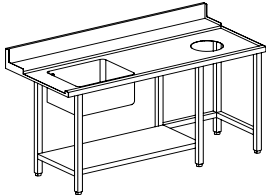
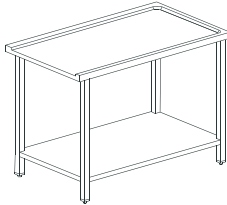
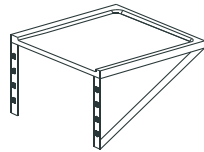
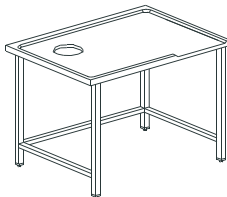
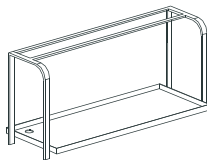
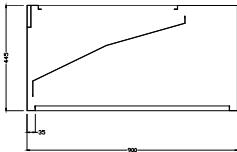
	Item Code Artikelnummer	Dimensions Abmessungen mm	Basket sizes Korbmaß mm	Useful internal clearance Nutzhöhe mm	Max. production Max. Waschleistung baskets/ hour	Power Leistung Total kW	Power Supply Netzspannung	Wash pump Waspumpe kW		Water softener Wasserenthärter	Water consumption Wasserverbrauch liters / cycle	Washing cycle Waschzyklus sec.	Thermostop Thermostop System	Drain pump Ablaufpumpe	Rinsing aid dispenser Klarspülmitteldosierer	Detergent doser Peristaltischer Spülmitteldosierer	Double wall Doppelwandig	Tank Tank liters / kW	Boiler Boiler liters / kW
	GLB0088	600•600•830	500•500	360 suitable for GN 1/1 trays	60 - 40 - 20	2,5 / 7,2 / 7,2	220 - 240 V / 1+N 50 Hz 220 - 240 V / 3 50 Hz 380 - 415 V / 3+N 50 Hz	0,60		•	2,4	90 - 120 - 180 "Glass" program	•	•	•	•	Body and door	14,0 / 1,0	7,0 / 2,8
	GLB0080N	630•750•1465	500•500	440 suitable for GN 1/1 trays	65 - 48 - 20	6,2 / 11,7 / 11,7	220 - 240 V / 1+N 50 Hz 220 - 240 V / 3 50 Hz 380 - 415 V / 3+N 50 Hz	0,75		•	2,4	55 - 75 - 120 - 480 "Glass" program	•	•	•	•	Body and hood	28,0 / 2,1	10,0 / 9,0

FEATURES FOR RANGE

MACHINE TYPE		FRONT LOADING		HOOD-TYPE	
RANGE		GLB0100	GLB0101	GLB0102	GLB0103
	DUO FLOW PUMP	•	•	•	•
	ENERGY SAVING SYSTEM	•	•	•	•
	QUICK READY RAPID TANK HEATING SYSTEM	•	•	•	•
	HOTWASH HEATING SYSTEM	•	•	•	•
	THERMO STOP RINSE CONTROL	•	•	•	•
	PRO RINSE SYSTEM	•	•	•	•
	SMART SCREEN USER INTERFACE	•	•	•	•
	ARCHIMEDES DRAIN SYSTEM	-	-	•	-
	EVOLUTION ₃ DRAIN SYSTEM	•	•	-	•
	PROGRESSIVE TRIPLE-STAGE FILTRATION SYSTEM	•	•	-	•
	PROGLIDE HOOD RAISING SYSTEM	-	-	•	•
	NRG STEAM CONDENSING / HEAT RECOVERY SYSTEM	-	-	-	•

FEATURES					
FULL DOUBLE-SKIN CONSTRUCTION		•	•	•	•
DEEP-DRAWN RACK GUIDES		•	•	•	•
INSULATED DOUBLE-SKIN DOOR		•	•	•	•
VOLUMETRIC RINSE		-	•	-	-
ATMOSPHERIC BOILER WITH BREAK TANK AND RINSE PUMP		•	•	•	•
STAINLESS STEEL INTEGRAL TANK FILTER		•	•	•	•
ELECTRONICALLY CONTROLLED RINSE-AID DOSING UNIT		•	•	•	•
ELECTRONICALLY CONTROLLED DETERGENT DOSING UNIT		•	•	•	•
ENTIRELY PRESS-MOULDED TANK WITHOUT WELDS		-	-	•	•
CAN BE INSTALLED AS A CORNER UNIT WITH REQUIRING ADDITIONAL PARTS		-	-	•	•
TIMED RINSE		-	-	-	-
ELECTRONICALLY-CONTROLLED DRAIN PUMP		-	-	-	•

ACCESSORIES EVOLUTION PLUS - DISHWASHERS

	Item Code Artikelnummer	Dimensions - Abmessungen mm	Sink Becken	Version Version
PRE-WASH TABLES WITH SINK ZULAUFISCHE MIT BECKEN				
	Z/TID1200	1200•770•870	LEFT	PRE-WASH TABLE WITH SINK - RIGHT
	Z/TID1500	1500•770•870		
	Z/TID1800	1800•770•870		
	Z/TIS1200	1200•770•870	RIGHT	PRE-WASH TABLE WITH SINK - LEFT
	Z/TIS1500	1500•770•870		
	Z/TIS1800	1800•770•870		
POT SORTING TABLE WITH SINK - GESCHIRRSORTIERTISCH MIT BECKEN				
	Z/TIDFR1200	1200•770•870	LEFT	SORTING TABLE WITH SINK - RIGHT
	Z/TIDFR1500	1500•770•870		
	Z/TIDFR1800	1800•770•870		
	Z/TISFR1200	1200•770•870	RIGHT	SORTING TABLE WITH SINK - LEFT
	Z/TISFR1500	1500•770•870		
	Z/TISFR1800	1800•770•870		
OUT TABLE FOR BASKETS - AUSLAUFTISCH FÜR KÖRBE				
	Z/TU700	700•590•870		OUT TABLE FOR BASKETS
	Z/TU1000	1000•590•870		
	Z/TU1200	1200•590•870		
	Z/TU1500	1500•590•870		
ENTRY-/ OUT TABLE FOR BASKETS - ZU-/ AUSLAUFTISCH FÜR KÖRBE				
	Z/TMU700	700•650•200		OUT SHELF FOR BASKETS
POT SORTING TABLE - GESCHIRRSORTIERTISCH				
	Z/TCD1600	1600•800•870		POT SORTING TABLE RIGHT
	Z/TCD1800	1800•800•870		
	Z/TCD2000	2000•800•870		
	Z/TCD2400	2400•800•870		
	Z/TCS1600	1600•800•870		POT SORTING TABLE LEFT
	Z/TCS1800	1800•800•870		
	Z/TCS2000	2000•800•870		
	Z/TCS2400	2400•800•870		
BASKET-HOLDER OVERSHELF - KORBTRÄGERAUFSÄTZE				
	MPPC11	1100•450•650		BASKET-HOLDER OVERSHELF, WALL TYPE
	MPPC16	1600•450•650		
	MPPC24	2400•450•650		
WALL MOUNTED HOOD WITH AIR CURTAIN - WANDHAUBE FÜR HAUBENSPÜLMASCHINEN				
	DAA0200	900•900•445	GLB0071/F GLB0080N GLB0082	WALL MOUNTED HOOD WITH AIR CURTAIN





Washing

EVOLUTION & EVOLUTION PLUS UTENSIL WASHERS

THE NEW GENERATION IS SYNONYMOUS FOR TECHNICAL PROGRESS, EFFICIENCY AND SUSTAINABILITY

The use of a Virtus universal dishwasher undoubtedly offers great advantages in terms of time optimisation compared to the manual washing of large kitchen utensils that cannot be cleaned in an undercounter dishwasher, and in terms of costs, which is reflected, for example, in the savings on water and detergent, which are precisely dosed for each wash cycle thanks to the electronically controlled peristaltic pumps.

Technical innovation is not enough to be competitive. Virtus universal dishwashers redefine the standard. The models in both series are equipped with break tank and stainless steel washing arms. The double insulation ensures heat and sound insulation and all models are supplied with rinse aid and detergent dispensers. Virtus combines style and innovation.

LA NUOVA GENERAZIONE È SINONIMO DI PROGRESSO TECNICO, EFFICIENZA E SOSTENIBILITÀ

L'utilizzo di una lavaoggetti Virtus offre indubbiamente grandi vantaggi in termini di ottimizzazione dei tempi rispetto al lavaggio manuale di utensili da cucina di grandi dimensioni che non possono essere lavati in una lavastoviglie da sottobanco, e in termini di costi, che si riflettono, ad esempio, nel risparmio di acqua e detersivo, che viene dosato con precisione per ogni ciclo di lavaggio grazie alle pompe peristaltiche a controllo elettronico.

L'innovazione tecnica non basta per essere competitivi. Le lavaoggetti Virtus ridefiniscono lo standard. I modelli di entrambe le serie sono dotati di pompe di risciacquo, bracci di lavaggio in acciaio inox, doppia parete che garantisce l'isolamento di calore e acustico e dosatori brillantante e detersivo. Virtus unisce stile e innovazione.

DIE NEUE GENERATION IST EIN SYNONYM FÜR TECHNISCHEN FORTSCHRITT, EFFIZIENZ UND NACHHALTIGKEIT

Der Einsatz einer Virtus-Universalspülmaschine bietet zweifellos große Vorteile in Bezug auf die Zeitoptimierung gegenüber dem manuellen Waschen von großen Küchenutensilien, die in einer herkömmlichen Spülmaschine nicht gereinigt werden können, und in Bezug auf die Kosten, was sich beispielsweise in der Einsparung beim Wasser und beim Reinigungsmittel niederschlägt, welches dank der elektronisch gesteuerten peristaltischen Pumpen bei jedem Spülgang genau dosiert wird.

Technische Innovation reicht nicht aus, um wettbewerbsfähig zu sein. Virtus Universalspülmaschine definieren den Standard neu. Die Modelle beider Serien sind mit Drucksteigerungspumpe ausgestattet, die Wascharme sind aus Edelstahl, die doppelte Isolierung sorgt für Wärme- und Schalldämmung und alle Modelle werden mit Klarspülmittel- und Reinigungsdosierer geliefert. Virtus vereint Stil und Innovation.



Virtus
THE PURSUIT OF EXCELLENCE

LA NOUVELLE GÉNÉRATION EST SYNONYME DE PROGRÈS TECHNIQUE, D'EFFICACITÉ ET DE DURABILITÉ

L'utilisation d'une lave-batterie Virtus offre sans aucun doute de grands avantages en termes d'optimisation du temps par rapport au lavage manuel des grands ustensiles de cuisine qui ne peuvent pas être lavés dans une lave-vaisselle traditionnel, et en termes de coûts, qui se reflètent, par exemple, dans l'économie d'eau et de détergent, qui est dosé avec précision pour chaque cycle de lavage grâce à des pompes péristaltiques contrôlées électroniquement.

L'innovation technique ne suffit pas pour être compétitif. Les lave- batteries Virtus redéfinissent la norme. Les modèles des deux séries sont équipés de pompes de rinçage, de bras de lavage en acier inoxydable, double paroi pour l'isolation thermique et acoustique, et de doseurs de produit de rinçage et de détergent. Virtus allie style et innovation.

LA NUEVA GENERACIÓN ES SINÓNIMO DE PROGRESO TÉCNICO, EFICIENCIA Y SOSTENIBILIDAD

El uso de una lavaobjetos Virtus ofrece, sin duda, grandes ventajas en términos de optimización del tiempo en comparación con el lavado manual de utensilios de cocina de gran tamaño que no pueden lavarse en un lavavajillas tradicional, y en términos de costes, que se reflejan, por ejemplo, en el ahorro de agua y detergente, que se dosifica con precisión para cada ciclo de lavado gracias a las bombas peristálticas controladas electrónicamente.

La innovación técnica no basta para ser competitivo. Las lavadoras Virtus redefinen el estándar. Los modelos de ambas series están equipados con bombas de aclarado, brazos de lavado de acero inoxidable, de doble pared para aislamiento térmico y acústico, y dosificadores de abrillantador y detergente. Virtus combina estilo e innovación.



Main characteristics

The **EVOLUTION** panel is the real strength of the line thanks to its 4 washing cycles and one automatic drain cycle (with drain pump installed).

On the control panel you can easily view the tank and boiler temperature, the messages of the Self-diagnosis system, the Scheduled Maintenance warning and the intelligent Start button, which changes colour to always display the dishwasher status very easily. The simple and extremely efficient electronic card offers the possibility of setting and controlling the rinsing and draining times, the washing and rinsing temperatures and the relative Thermostops, crucial for ensuring excellent washing results.

The bodywork is made entirely of AISI 304 steel and has been designed with all of the components in the front for easy technical assistance. Sturdy and reliable dishwashers to best deal with every moment of your day.



Specific characteristics

The GLB0123 **EVOLUTION** model is the right solution for restaurateurs who need to wash a large number of plates, trays and bakery trays while having limited space at their disposal, with the guarantee of a maximum throughput of 40 baskets/hour (880 plates/hour). Thanks to the dedicated basket, it is in fact possible to wash GN 1/1 trays up to 65 mm high, crates and 600×400 pastry trays while maintaining the measurements of a convenient undercounter dishwasher. Thanks to the powerful wash pump and the Ø30mm washing impellers, removing the most stubborn dirt will not be your problem. The drain pump allows you to manage the drainage automatically and to perform a partial fresh water change at each wash cycle.

The GLB0125 **EVOLUTION** pass-through dishwasher is able to wash up to 22 pizza plates in a very small space: only 720 mm wide while maintaining the same depth as traditional stainless steel entry/exit tables, with a maximum output of 60 baskets/hour (1320 plates/hour). Thanks to the high-performance washing pump and the washing impellers, it is suitable for plates, objects, bread baskets, GN 1/1 and 600×400 trays, being able to insert utensils with dimensions up to 500x600x410(h)mm inside the basket. The hood models feature an easily removable basket support for easy cleaning and a rounded moulded tub with integral filters to ensure perfect drainage and absolute hygiene.



Standard delivery

- **GLB0123** 1x cutlery insert, 1x basket for trays with 10/12 compartments, 1x basket for glasses, 1x basket for 22 dishes
- **GLB0125** 1x cutlery insert, 1x basket for trays with 10/12 compartments, 1x basket for glasses, 1x basket for 22 dishes

Accessories

Z/TPLILAC60

Softener cartridge for undercounter utensil washer

Z/TK07510V

Automatic water softener for hood-type utensil washers

	Item Code Artikel- nummer	Dimensions Abmessungen mm	Basket sizes Korbmaß mm	Useful internal clearance Nutzhöhe mm	Max. production Max. Waschleistung baskets/ hour	Power Leistung Total kW	Power Supply Netzspannung	Wash pump Waschpumpe kW	Break-tank Drucksteigerungs- pumpe		Water consumption Wasserverbrauch liters / cycle	Washing cycle Waschzyklus sec.	Thermostop Thermostop System	Drain pump Ablaufpumpe	Rinsing aid dispenser Klarspülmitteldosierer	Detergent doser Peristaltischer Spülmitteldosierer	Double wall Doppelwandig	Tank Tank liters / kW	Boiler Boiler liters / kW
	GLB0123	585•715•865	500•600	405	40 - 30 - 24 - 20	6,5	380 - 415 V 3+N 50 Hz	1,1	•		2,0	90 - 120 - 150 - 180	•	•	• Peristaltic manual regulation	• Peristaltic manual regulation	Body and door	30 / 2,6	7,3 / 5,4
	GLB0125	720•770•1435	500•600	440	60 - 40 - 24	6,7	380 - 415 V 3+N 50 Hz	1,3	•		2,0	60 - 90 - 120 - 240	•	•	• Peristaltic manual regulation	• Peristaltic manual regulation	Body	37 / 4,5	7,3 / 5,4



The utensil washers of the **EVOLUTION PLUS** series ensure maximum performance thanks to the VirtusAcqua system which, through an atmospheric boiler and rinse pump, maintains constant temperature and pressure and optimum water consumption.

EVOLUTION PLUS ensures a sanitising rinse cycle and proves to be the perfect choice for canteens, nursing homes, pastry shops, bakers and butchers where compliance with HACCP rules is essential. For anyone seeking perfectly sparkling glasses, it is possible to connect a Reverse Osmosis System which purifies water and reduces detergent and rinse-aid consumption, ensuring excellent results and perfect glasses without the need for hand drying.

The innovative tempered glass touch screen display makes any operation simple and intuitive, from the choice of the most suitable wash cycle to its progress control, as well as constantly monitor the status of the dishwasher with ease. The large variety of wash cycles makes the dishwasher customisable according to your needs. Constant self-diagnosis allows you to minimise machine downtime, promptly warning the technician through the control system.

The electronic control allows you to manage various parameters to give you an absolute customisation level and the continuous self-diagnosis allows you to minimise machine downtime, suggesting some operations that need to be verified.

The self-cleaning cycle at the end of the day cleans the wash tank and empties the hot water from the boiler, preventing limestone from building up inside. The standard double peristaltic electric rinse-aid and detergent dispenser ensures the best result from each wash cycle with great savings thanks to the precise dosage managed by the electronic card; whereas, the moulded washing and rinsing arms ensure great reliability and durability.

The Thermo-stop function checks that washing and rinsing begin only when the desired temperature is reached. The bodywork is made entirely of AISI 304 steel and has been designed with all of the components in the front for easy technical assistance. Sturdy and reliable dishwashers to best deal with every moment of your day.

Standard delivery

- **GLB0134** 1x 8 division cutlery insert, 1x stainless steel basket 600x670 mm, 1x basket for trays with 5 compartments
- **GLB0135** 1x 8 division cutlery insert, 1x stainless steel basket 600x670 mm, 1x basket for trays with 5 compartments
- **GLB0136** 1x 8 division cutlery insert, 1x stainless steel basket 850x725 mm, 1x basket for trays with 5 compartments
1x basket for trays with 8 compartments
- **GLB0137** 1x 8 division cutlery insert, 1x stainless steel basket 600x670 mm, 1x basket for trays with 5 compartments
1x basket for trays with 8 compartments

	Item Code Artikel- nummer	Dimensions Abmessungen mm	Basket sizes Korbmaß mm	Useful internal clearance Nutzhöhe mm	Max. production Max. Waschleistung baskets/ hour	Power Leistung Total kW	Power Supply Netzspannung	Wash pump Waschpumpe kW	Break-tank Drucksteigerungs- pumpe		Water consumption Wasserverbrauch liters / cycle	Washing cycle Waschzyklus sec.	Thermostop Thermostop System	Drain pump Ablaufpumpe	Rinsing aid dispenser Klarspülmitteldosierer	Detergent doser Peristaltischer Spülmitteldosierer	Double wall Doppelwandig	Tank Tank liters / kW	Boiler Boiler liters / kW
	GLB0134	775•810•1900	600•670	470	30 - 24 - 15 - 6	7,4	380 - 415 V 3+N 50 Hz	2,0	•		2,0	120 - 150 - 240 - 540	•	•	• electronical regulation	• electronical regulation	Body and door	37 / 4,5	12 / 9,0
	GLB0135	775•810•1900	600•670	850	30 - 24 - 15 - 6	7,4	380 - 415 V 3+N 50 Hz	2,0	•		2,0 - 2,5	120 - 150 - 240 - 540	•	•	• electronical regulation	• electronical regulation	Body and door	37 / 4,5	12 / 9,0
	GLB0136 Bakery / Pastry	1000•860•1805	725•850	685	30 - 24 - 15 - 6	13,0	380 - 415 V 3+N 50 Hz	2,0	•		2,5 - 3,0	120 - 150 - 240 - 540	•	•	• electronical regulation	• electronical regulation	Body and door	100 / 9,0	13 / 9,0
	GLB0137	1445•860•1980	2x 600•670	850	30 - 24 - 15 - 6	13,0	380 - 415 V 3+N 50 Hz	2x 2,0	•		4,0 - 5,0	120 - 150 - 240 - 540	•	•	• electronical regulation	• electronical regulation	Body and door	100 / 9,0	20 / 9,0



Is a water treatment system for applications where low salt water and great workloads are required. The models are characterized by the extraordinary instantaneous flow and the adjustable display. It is primarily used to serve dishwashers and glass-washers with or without break tank depending on the model. Pre-filtration is guaranteed by a cartridge which reduces and removes the turbidity present in water, chlorine, flavors and odors. Its nominal filtration rate is 5 microns. It is a quick-connect cartridge with extruded carbon block filter (Included in delivery).

Application:
In medical, health and laboratory areas for washing glass and tubes to obtain completely demineralized water suitable for food sterilization cabinets. In the dental sector can be placed on board of dental units.
As well suitable In the HORECA sector like in our case.
In all applications for the washing of tools, metal surfaces, glassware, insulated glazing and solar panels.



Accessories

Z/TOCBLUES

Pre-filtration cartridge for Osmosis VSOEASYF

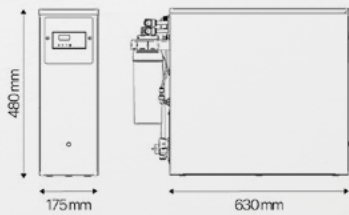


Z/TOCBLUEM

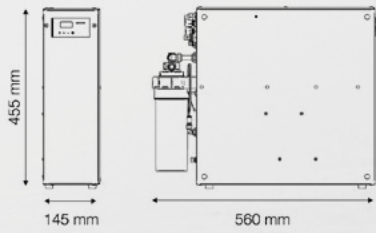
Pre-filtration cartridge for Osmosis VSOMAXIXL



	Item Code Artikelnummer	Dimensions Abmessungen mm	Flow rate Durchflussmenge liters/ hour	Minimum flow rate Mindestdurchfluss liters/ hour	Water temperature Wassertemperatur °C	Membranes Membranen n°	Power Leistung Total	Power Supply Netzspannung		Wash pump Waschpumpe kW	Suitable for Geeignet für
	VSOEASYF	175•630•480	140	400	+5° - +35°	4	0,33	220-240 V 1+N 50-60 Hz		0,7	Glass-washers without Break Tank
	VSOMAXIXL	145•560•580	180 - 210	600	+5° - +30°	3	0,25	220-240 V 1+N 50-60 Hz		1,5	Glass-washers with Break Tank



VSOEASYF



VSOMAXIXL



EVOLUTION PLUS RACK-TYPE DISHWASHERS

EFFICIENCY AND RAPIDITY

Virtus proposes an innovative generation of rack-type dishwashers intended to represent the new reference standard of the sector in terms of advantages for the users and price performance ratio.

High production and excellent results

Thanks to the new washing system with high power double outlet pump and arms with stabilised jet "caterpillar" type nozzles.

Flexibility of use

Thanks to the specialised washing programs with different temperatures and specific consumption.

Reduced operating costs

Thanks to the newly designed quadruple rinse system with arms in advanced design composite material, which allows a substantial reductions in the consumption of water, energy and detergent.

Connectivity

Connectivity guaranteed by the USB port present as per standard on the control board.

Easy cleaning and ergonomics

Thanks to the inherently clean construction with fully moulded tanks, washing chamber without internal piping, removable separation curtains in hygienic material.

EFFICIENZA E RAPIDITÀ

Virtus propone una innovativa generazione di lavastoviglie a tunnel destinate a rappresentare il nuovo standard di riferimento del settore in termini di vantaggi per gli utenti e rapporto prezzo prestazioni.

Elevata produttività ed eccellenti risultati

Grazie al nuovo sistema di lavaggio con pompa a doppio flusso ad alta potenza e bracci con ugelli tipo "caterpillar" a getto stabilizzato.

Flessibilità di utilizzo

Grazie ai programmi di lavaggio specializzati (fino a quattro) con diverse temperature e consumi specifici.

Costi di esercizio ridotti

Grazie al sistema di risciacquo di nuovo disegno con bracci in materiale composito di concezione avanzata che consente una sostanziale riduzione del consumo di acqua, energia e detersivo.

Connettività

Connettività garantita dalla porta USB presente di serie sulla scheda di controllo.

Facilità di pulizia ed ergonomia

Grazie alla costruzione intrinsecamente pulita con vasche interamente stampate, camera di lavaggio priva di tubazioni interne, tendine di separazione amovibili realizzate in materiale igienico.

EFFEKTIV, ROBUST UND NACHHALTIG

Unsere neue Modellreihe beeindruckt als neue, kompromisslos auf Qualität und Nachhaltigkeit hin entwickelte, innovative Generation von Korbtransportspülmaschinen für tägliche Höchstleistungen.

Durch ihr, schon in der Anschaffung, attraktives Preis- Leistungsverhältnis unschlagbar ökonomisch, setzen sie darüber hinaus neue Maßstäbe für einen beeindruckend sparsamen Einsatz von Wasser und Energie.

Effektiv bis ins Detail

Die spezielle Auslassform unserer „Caterpillar“-Spritzdüse erzeugt einen Wasserstrahl mit genau den Eigenschaften, die er für eine besonders große Reinigungswirkung braucht.

Maßgeschneiderte Lösungen

Um die Maschinen genau auf ihr Aufgabengebiet abzustimmen, stehen je nach Anforderungsprofil, bis zu vier verschiedene Spezialprogramme zur optionalen Verfügung.

Bedienerfreundlich bei Betrieb und Wartung

Die tiefgezogene Waschtanks ohne Umbördelungen oder scharfe Kanten machen die hygienische Reinigung leicht, gefahrlos und bequem. Die Spülkammern sind ohne interne Leitungen konstruiert, und die zugehörigen Trennelemente sind einfach herauszunehmen.

Niedrige Betriebskosten

Unser durchdachtes Nachspülsystem bereitet mit seinem herausragend niedrigen Wasser-, Energie- und Reinigungsmittelverbrauch die perfekte Basis für den kleinstmöglichen Ressourcenverbrauch.

Immer gut verbunden

Die serienmäßig auf der Steuerplatine verbaute USB-Schnittstelle gewährleistet universellen Zugriff und eine zeitgemäße Anbindungsfähigkeit.



EFFICACITÉ ET RAPIDITÉ

Virtus propose une génération innovante de lave-vaisselle en rack destinés à représenter la nouvelle norme de référence du secteur en termes d'avantages pour les utilisateurs et de rapport qualité-prix.

Production élevée et excellents résultats

Grâce au nouveau système de lavage avec pompe à double sortie haute puissance et bras avec buses de type «Caterpillar» à jet stabilisé.

Flexibilité d'utilisation

Grâce aux programmes de lavage spécialisés avec des températures différentes et une consommation spécifique.

Coûts d'exploitation réduits

Grâce au nouveau système de rinçage quadruple avec bras en matériau composite de conception avancée, qui permet une réduction substantielle de la consommation d'eau, d'énergie et de détergent.

Connectivité

Connectivité garantie par le port USB présent selon la norme sur la carte de commande.

Nettoyage et ergonomie faciles

Grâce à la construction intrinsèquement propre avec réservoirs entièrement moulés, chambre de lavage sans tuyauterie interne, rideaux de séparation amovibles en matériau hygiénique.

EFICAZ, ROBUSTO Y SOSTENIBLE

Nuestra nueva serie de modelos impresiona como nueva, sin compromiso en punto de calidad y sostenibilidad, desarrollado para una generación innovadora de lavavajillas de transporte de cestas para el rendimiento del día a día. A través de ella, ya atractiva en la adquisición con su relación calidad-precio económicamente inmejorable, se establecen también nuevos estándares para un uso impresionantemente económico del agua y Energía.

Eficaz hasta el último detalle

La forma de salida especial de nuestra boquilla de pulverización "Caterpillar" genera un chorro de agua con las características que se necesita para proporcionar una limpieza efectiva.

Soluciones a medida

Con el fin de adaptar las máquinas con precisión a sus necesidades de trabajo, tienen opcionalmente,

según el perfil de trabajo requerido, hasta cuatro diferentes programas especiales a su disposición.

Fácil en su uso y mantenimiento

Los tanques de lavado profundos sin borde desdoblado o bordes afilados hacen que la limpieza por higiene sea fácil, segura y conveniente. Las cámaras de lavado están libres de cables internos diseñadas, y los separadores asociados son fácil de quitar.

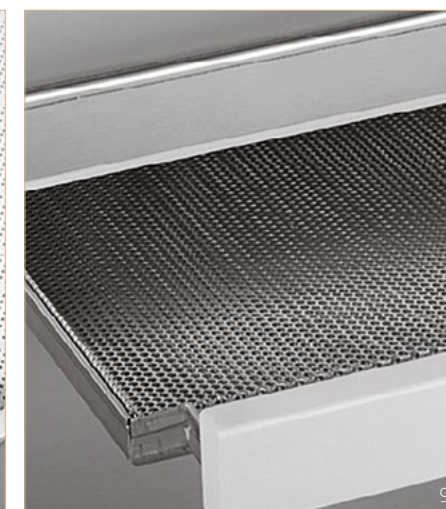
Bajo coste operacional

Nuestro sistema de enjuague bien pensado prepara con su agua, consumo de energía y agentes de limpieza excepcionalmente baja, la perfecta base para el menor consumo de recursos posible.

Siempre bien conectado

La interfaz USB, instalado estándar en la placa de control garantiza el acceso universal y una capacidad de conectividad moderna.

FEATURES - RACK-TYPE DISHWASHERS



1) Modular construction

The ProMont system allows on-the-spot division of the machine into the various elements of which it is made up in order to permit passage through narrow doors or corridors and then easy and safe re-assembly.

2) Effective loading height 45 cm

Increased by 15% with respect to the previous generation; it also allows to wash very tall objects, trays, containers and utensils.

3) Double wall construction

Reduces heat dispersion and noise; the doors have a double wall with insulation.

4) XL intensive pre-wash

Measuring 820 mm in length, it has a 70 l tank and a washing system with 3 arms and 36 nozzles with 1500 W double outlet pump. Triple water filtering and full-width door for easier cleaning.

5) XXL intensive pre-wash

Measuring 1150 mm in length, it has a 70 l tank and a washing system with 5 arms and 60 nozzles with 2700 W double outlet pump. Temperature management system with electronically-controlled water heating and cooling. Triple water filtering and full-width door for easier cleaning.

6) Heavy duty washing module

Measuring 1150 mm in length, it has a 70 l tank and a washing system with 5 arms and 60 nozzles with 2700 W double outlet pump. Temperature management system with electronically-controlled water heating and cooling. Triple water filtering and full-width door for easier cleaning.

7) ProClean Construction

Design concept aimed at facilitating cleaning at shift end: wash chambers without internal piping, moulded tanks, double and triple water filtering systems with concentration elements and waste collection.

10) DuoFlow double outlet pump

Thanks to this patent, has been able to eliminate division of the pressurised flow downstream from the wash pump, thus obtaining higher efficiency, fewer pressure drops and lower noise. A DuoFlow pump is the same as a traditional pump with approx. 35% higher power.

8) ProStrainer built-in tank filters

Manufactured in composite material, they are lighter, more resistant, safer and easier to handle than the corresponding features made in steel. Their large surface makes them virtually impossible to clog.

11) IdroWash2 washing arms

Every arm has 12 „caterpillar” nozzles on convex bosses that generate extremely stable and closely positioned water blades. The arms are mounted very close to each other in a way to realise a real „hydraulic brush” effect, which effectively removes the food soiling from the plates.

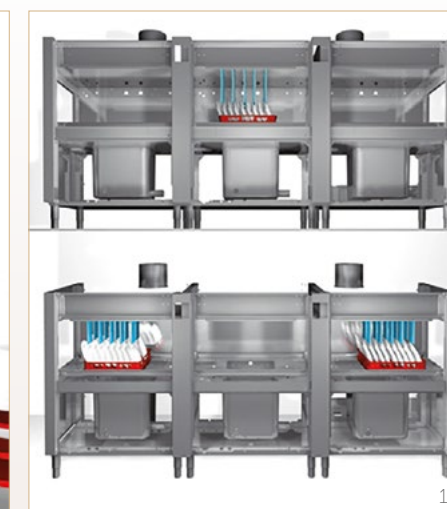
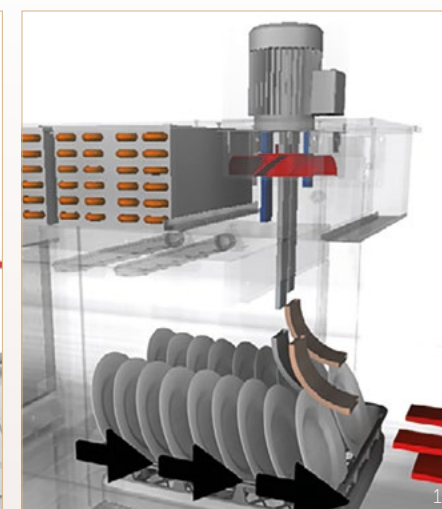
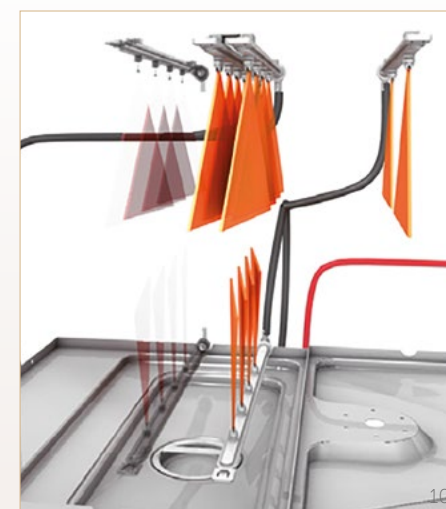
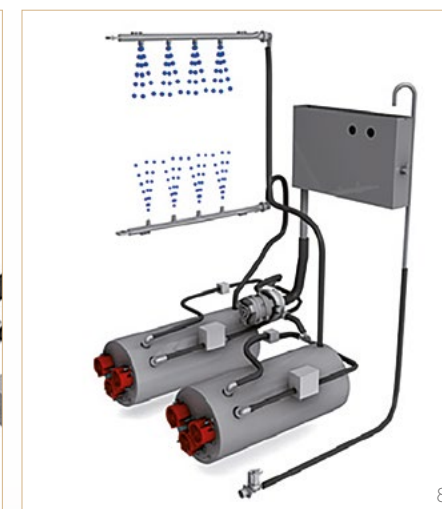
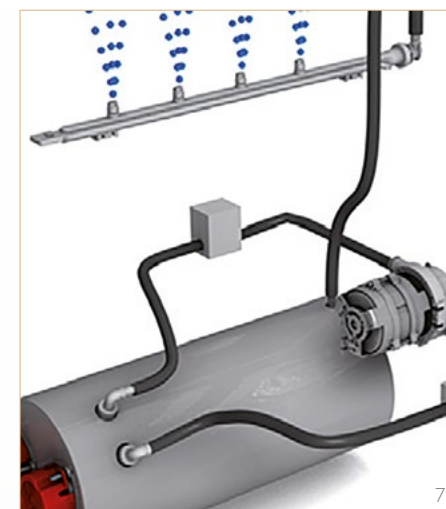
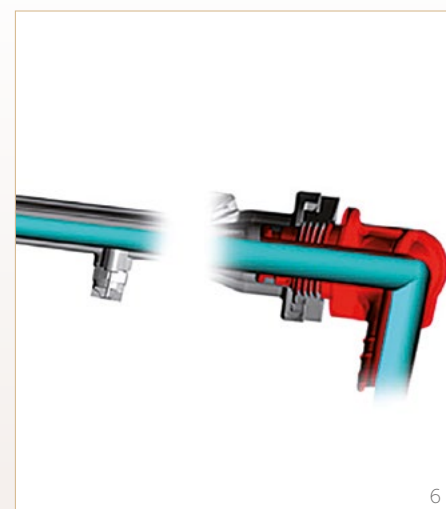
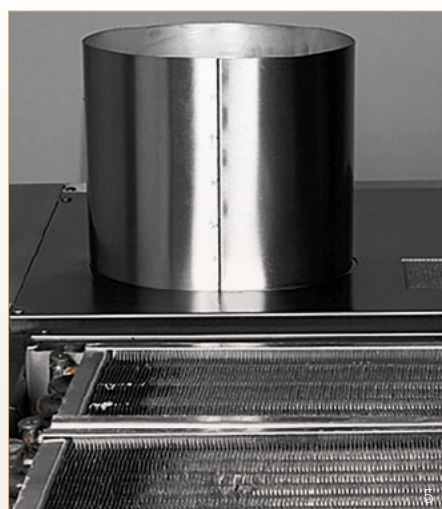
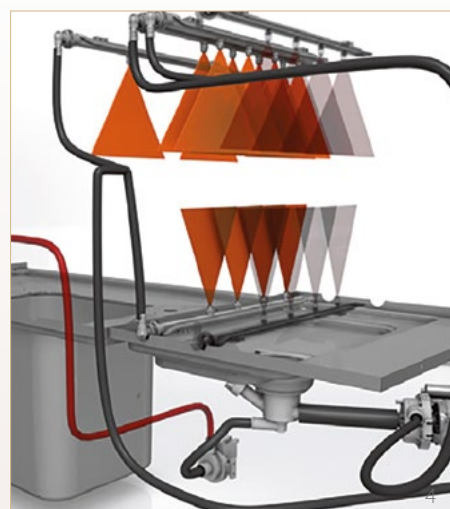
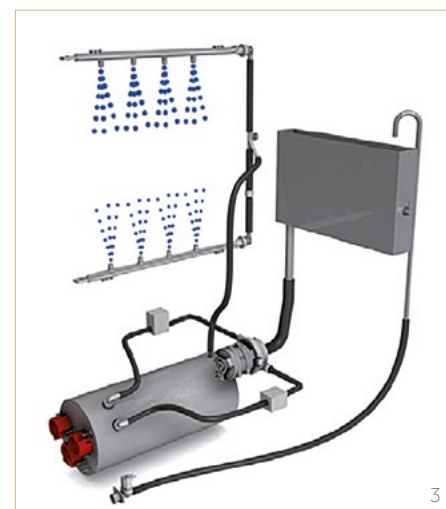
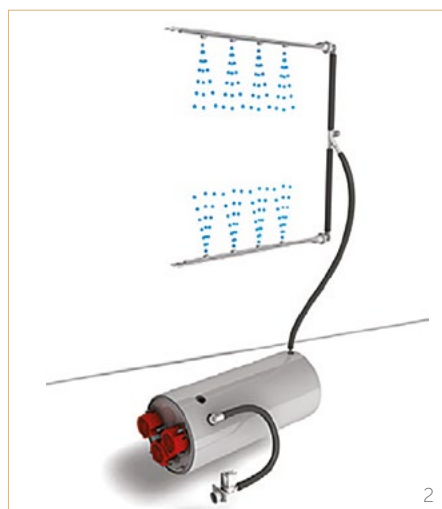
9) ProGressive sequential filtering

It uses a combination of tank filters and drawer filters in steel, present in every tank, for progressive filtering of the wash water, from where all of the particles with diameter exceeding 1 mm are eliminated. The drawer filters can be extracted for emptying without opening the washing module door. An additional safety water filter is present on the extraction of each individual pump.

12) Basket conveyor with lateral guides

With respect to the traditional central advancement guide, it allows improved washing of the central area of the basket from below and improved accessibility of the tanks for cleaning. The fingers that move the baskets are in thick steel, while the conveyor slide runs on anti-friction runners in synthetic material.

FEATURES - RACK-TYPE DISHWASHERS



1) Electronic speed adjustment

It uses an inverter to check the power supply frequency of the baskets drive motor, in order to realise any production between 50 and 300 baskets/hour. In the case of breakdown, the inverter can be by-passed; the dishwasher operates at just one speed.

2) Rinsing with network pressure

It requires that the water supply feed pressure is constantly between 2 and 4 bar dynamic; if the pressure varies outside of this range, it is essential to install a pressure reducer with pressure gauge (optional) or a pressure increase pump.

3) ProRinse constant rinsing

It uses a 200 W rinsing pump with DuoFlow technology to guarantee the pressure and flow rate of rinsing whatever the supply conditions of the water network. Feeding at the boiler takes place through a „break tank“ anti-pollution device, which is type-approved in compliance with the English WRAS regulation.

4) ProChem detergent saving system

Supplies the wash tanks with a fixed quantity of rinse water, conveying the surplus directly into pre-washing via a circulation pump. In this way, detergent consumption is reduced which, according to the model and program selected, can reach values of 50%.

5) ProPower power management system

It allows adaptation of the electrical absorption from the mains to the productivity and type of supply. According to the model and program selected, it allows an energy absorption saving of up to 20%.

6) HiTech rinse arms

Realised in injection moulded ProComposit material and welded with vibro-welding technology, they have internal ducts that promote the flow of fluid in order to reduce pressure drops. The spray nozzles are in steel with precision mechanical machining.

7) ProPortional variable rinsing

It allows variation of the amount of rinse water depending on dishwasher production. Depending on the washing program selected, it allows a saving in water consumption of up to 25%

8) ProPortionalplus adaptive variable rinse

With respect to the ProPortional system, it allows variation not only of the flow rate depending on the speed, but also the allocation of the rinse between the upper and lower arm. In this way, unnecessary spraying of water from below if plates are being washed, or from above if glasses are being washed, is avoided. This means the saving of water consumption can reach 40%. The system manages two completely separate circuits, starting from a twin boiler with double heat recovery device, each with a ProPortional device for flow variation.

9) TopRinse built-in rinse

It is the sum of the technologies and systems that allow attainment of very low consumption, to 0.6 l/basket, with unparalleled washing results: ProRinse constant rinse; UltraRinse3 multiple rinse, HiTech rinse arms, ProPortional or ProPortionalplus adaptive rinses.

10) UltraRinse multiple rinse

It allows re-use of the clean final rinse water to perform an intermediate rinse via two upper arms and one lower arm and a pre-rinse via an arm installed at the end of the wash chamber. This third rinse removes most of the detergent that remains in the wash area, without interfering with the rinse water. Rinsing can therefore be performed with very low consumption, up to 0.6 l per basket. It is housed in a module with length measuring 1150 mm, which also contains the ProWind intensive drying.

11) ProSteam heat management system

Each individual module (pre-wash, wash, rinse, drying) is switched-on/off independently from the others only if it contains a basket to wash; it is a system that greatly improves energy efficiency in the case of intermittent work. It also ensures gradual start-up of the pumps and heating elements when the machine is re-started after shutdown; thus preventing current peaks. The position of the baskets is detected by a reliable electro-mechanical sensor. It also acts as a rinse economizer and autotimer.

12) ProActive modules active management system

Each individual module (pre-wash, wash, rinse, drying) is switched-on/off independently from the others only if it contains a basket to wash; it is a system that greatly improves energy efficiency in the case of intermittent work. It also ensures gradual start-up of the pumps and heating elements when the machine is re-started after shutdown; thus preventing current peaks. The position of the baskets is detected by a reliable electro-mechanical sensor. It also acts as a rinse economizer and autotimer.

TABLE OF FUNCTION AND FEATURES

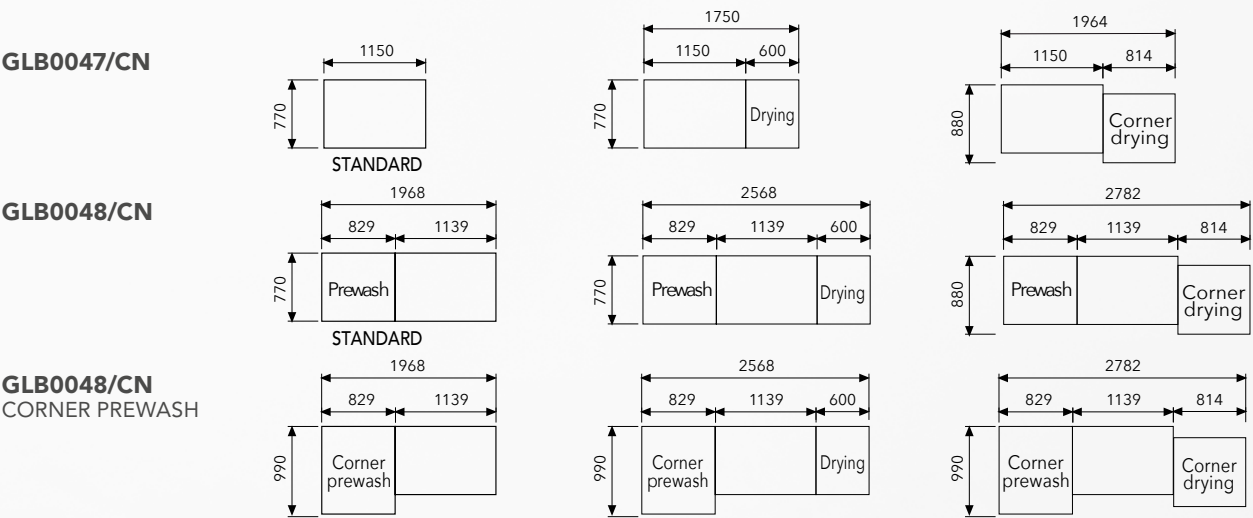


MODEL	GLB0047/CN	GLB0048/CN	GLB0049/CN	GLB0050/CN	GLB0051/CN
Modular Construction	•	•	•	•	•
Entry clearance 45 cm	•	•	•	•	•
Full double wall construction	•	•	•	•	•
Wash chambers without internal piping	•	•	•	•	•
Integral tank strainers	•	•	•	•	•
Ultra heavy duty prewash	-	-	-	-	•
Heavy duty prewash	-	•	-	•	-
Corner prewash	-	○	-	○	○
Thermostatic control of pre-wash temperature	-	-	-	-	•
Heavy duty wash module	•	•	•	•	•
Double flow pumps	•	•	•	•	•
Side rack rails	•	•	•	•	•
Rack speed controlled via electronic inverter	-	-	•	•	•
Dedicated rinse module	-	-	•	•	•
Rinse ProRinse	•	•	-	-	•
Rinse DuoRinse	-	-	•	•	-
Rinse UltraRinse	-	-	-	-	-
Multiple Rinse	-	-	-	-	•
Water feed via break tank according to WRAS regulation	•	•	•	•	•
Rinse pump	•	•	•	•	•
Adaptive rinse adattivo	•	•	-	-	•
Detergent saving device	-	-	-	-	•
Power management	-	-	•	•	•
Heat recovery ProHeat	○	○	○	○	•
Heat recovery ProHeat plus	-	-	○	○	-
Heat pump	○	○	○	○	○
Rinse economizer	•	•	•	•	•
Dryer ProWind	○	○	○	○	•
Dryer DuoWind	○	○	○	○	-
Corner dryer	○	○	○	○	○
LED interface	•	•	•	•	-
LCD touch screen interface	-	-	-	-	•
Four wash programs	•	•	-	-	-
Five wash programs	-	-	-	-	•
Fully adjustable	•	•	•	•	•
Advanced self diagnostic	•	•	•	•	•
Built-in USB connection	•	•	•	•	•
Pressure reducer with manometer	•	•	•	•	•





Overall dimension drawings (layout examples)

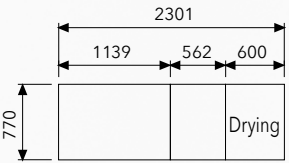


Item Code Artikelnummer		Wash Waschen °C	Rinse Nachspülen °C		Max. production Max. Waschleistung baskets/hour	Rinse Nachspülen liters/hours	Power Supply Netzspannung	Hot feed Heißwasser Total power kW	Cold feed + heat recovery Kaltwasser + Wärmerückgewinnung Total power kW	Cold feed Kaltwasser Total power kW
GLB0047/CN	High capacity	63	82		160	220	380 - 415 V 3+N 50 Hz	23,2	26,9	32,7
	General purpose	60	82		120	170		23,2	26,9	32,7
	Prolonged contact *	63	82		60	170		23,2	26,9	32,7
	Glasses	60	65		80	220		23,2	26,9	32,7
GLB0048/CN	High capacity	63	82		270	320	380 - 415 V 3+N 50 Hz	30,2	37,9	45,2
	General purpose	60	82		200	240		30,2	37,9	45,2
	Prolonged contact *	63	82		110	240		30,2	37,9	45,2
	Glasses (prelavaggio off)	60	65		135	320		30,2	37,9	45,2

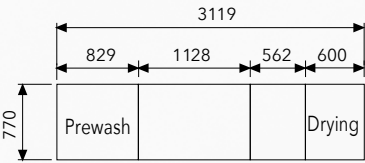


Overall dimension drawings (layout examples)

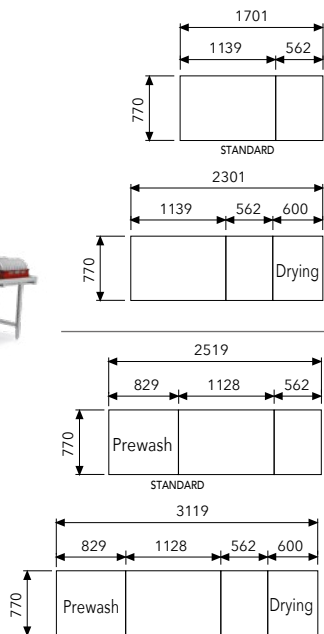
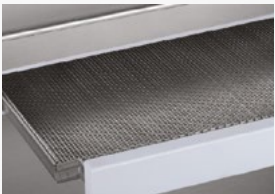
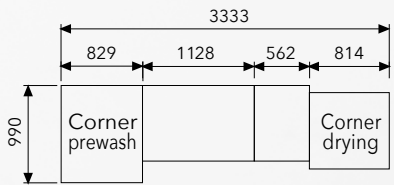
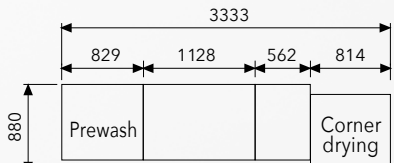
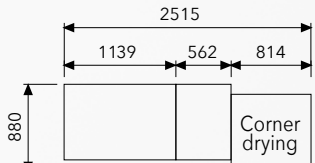
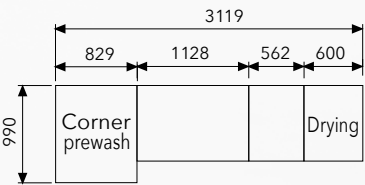
GLB0049/CN



GLB0050/CN



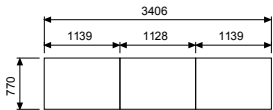
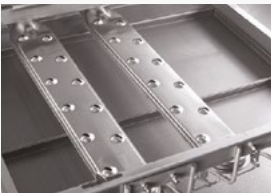
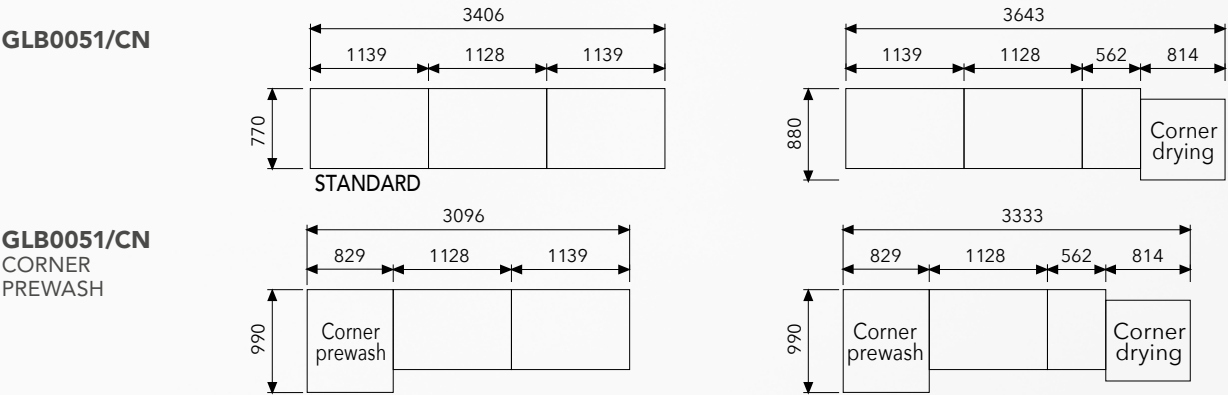
GLB0050/CN
CORNER PREWASH



Item Code Artikelnummer		Wash Waschen °C	Rinse Nachspülen °C		Max. production Max. Waschleistung baskets/hour	Rinse Nachspülen liters/hours	Power Supply Netzspannung	Hot feed Heißwasser Total power kW	Cold feed + heat recovery Kaltwasser + Wärmerückgewinnung Total power kW	Cold feed Kaltwasser Total power kW
GLB0049/CN	High capacity	60	80		200	300	380 - 415 V 3+N 50 Hz	26,9	35,6	40,9
	General purpose	60	80		150	300		26,9	35,6	40,9
GLB0050/CN	High capacity	60	80		270	400	380 - 415 V 3+N 50 Hz	30,9	40,6	46,4
	General purpose	60	80		200	400		30,9	40,6	46,4



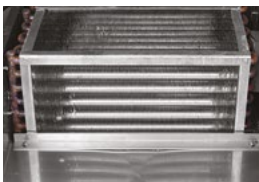
Overall dimension drawings (layout examples)



Item Code Artikelnummer		Wash Waschen °C	Rinse Nachspülen °C		Max. production Max. Waschleistung baskets/hour	Rinse Nachspülen liters/hours	Power Supply Netzspannung	Cold feed Kaltwasser Total power kW
GLB0051/CN	High capacity	63	82		270	170	380 - 415 V 3+N 50 Hz	44,1
	General purpose	60	82		210	150		44,1
	Prolonged contact *	60	82		165	150		44,1
	Intensive	63	82		180	200		44,1
	Glasses (prelavaggio off)	60	65		160	180		44,1

Cold feed= 15 - 40 °C
Hot feed= 40 - 60 °C
Non-binding technical data

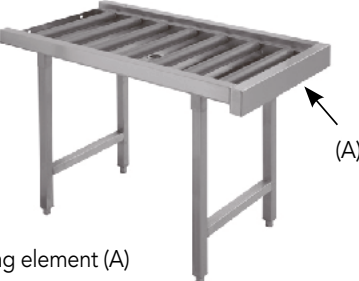
ACCESSORIES EVOLUTION RACK-TYPE DISHWASHERS

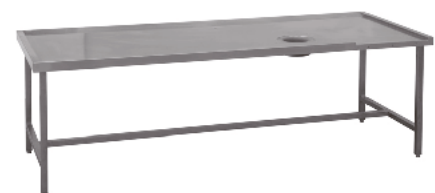
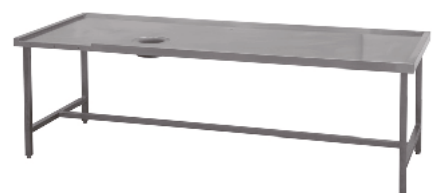
Version Version	Item Code Artikelnummer	Description Beschreibung	Dimensions / Abmessungen mm	Power / Leistung Total kW
	Z/CDLA	Drying kit for Evolution and Evolution Plus (left or right needs to be indicated at order)	600•770•1775	1400 m³/h 380 - 415 V / 3+N 50 Hz 6,0 kW+0,55 kW (exhaust)
	Z/CDCB	Corner drying kit for Evolution and Evolution Plus (left or right needs to be indicated at order)	820•879•1775	1400 m³/h 380 - 415 V / 3+N 50 Hz 6,0 kW+0,55 kW (exhaust)
	Z/CDCU	Corner drying kit for Evolution Plus Touch (left or right needs to be indicated at order)	820•879•1775	1400 m³/h 380 - 415 V / 3+N 50 Hz 9,0 kW+0,55 kW (exhaust)
	Z/CTTY	Rinse aid and detergent dispensers	-	-
	Z/CTTW	Powered booster for Evolution and Evolution Plus	-	-
	Z/C75861	End limit switch	-	-
	Z/CTTQ	Built-in main switch	-	-
	Z/CTTX	Emergency switch	-	-
	Z/CHRR	Heat recovery for Evolution and Evolution Plus	Ø 250 - h 210	700 m³/h 380 - 415 V / 3+N 50 Hz

Version Version	Item Code Artikelnummer	Description Beschreibung	Dimensions / Abmessungen mm
	Z/E75482	Entry or exit table (not for drying module)	700•590•870
	Z/TTEU60100	Entry or exit table (not for drying module)	1000•590•870
	Z/TTEU60120	Entry or exit table (not for drying module)	1200•590•870
	Z/E75484	Exit table with drying module	700•600•850
	Z/TPUA60100	Exit table with drying module	1000•600•850
	Z/TPUA60120	Exit table with drying module	1200•600•850
	Z/E75480	Mechanized rack-feeding corner unit for right exit machine	600•650•850
	Z/E75481	Mechanized rack-feeding corner unit for left exit machine	600•650•850



ACCESSORIES EVOLUTION RACK-TYPE DISHWASHERS

Version Version	Item Code Artikelnummer	Description Beschreibung	Dimensions / Abmessungen mm
	Z/E75452	Sorting table with sink and splashguard for right exit machine	1500•720•850 Sink dimensions 50•40 cm
	Z/E75453	Sorting table with sink and splashguard for right exit machine	1800•720•850 Sink dimensions 50•40 cm
	Z/E75457	Sorting table with sink and splashguard for left exit machine	1500•720•850 Sink dimensions 50•40 cm
	Z/E75458	Sorting table with sink and splashguard for left exit machine	1800•720•850 Sink dimensions 50•40 cm
 with closing element (A) + 4.5 cm longer	Z/E717066	Straight roller unit with basin and legs	1100 (1145)•630•875
	Z/E717067	Straight roller unit with basin and legs	1600 (1645)•630•875
	Z/E717086	Straight roller unit with basin and legs	2100 (2145)•630•875
	Z/E717068	90° roller curve with basin and legs	1100•1100•875
	Z/E75500	90° machine-moved curve only for unloading	800•800•875

Version Version	Item Code Artikelnummer	Description Beschreibung	Dimensions / Abmessungen mm
	Z/E717096	Double-sided sorting table with hole for right exit machine	1600•1000•870
	Z/TTCS100180	Double-sided sorting table with hole for right exit machine	1800•1000•870
	Z/TTCS100240	Double-sided sorting table with hole for right exit machine	2400•1000•870
	Z/E717093	Double-sided sorting table with hole for left exit machine	1600•1000•870
	Z/TTCD100180	Double-sided sorting table with hole for left exit machine	1800•1000•870
	Z/TTCD100240	Double-sided sorting table with hole for left exit machine	2400•1000•870
	Z/E717114	Rack-shelf for double-sided sorting table	1600•600•600
	Z/TMPC65180	Rack-shelf for double-sided sorting table	1800•600•600
	Z/TMPC65240	Rack-shelf for double-sided sorting table	2400•600•600



GENERAL ACCESSORIES

	Item Code Artikelnummer	Version Version	Dimensions / Abmessungen mm	Capacity / Fassungsvermögen N°
	Z/SCC50G	Splashback	110•100•130	-
	Z/G972032	Cutlery rack	-	8 compartment
	Z/G970047	Dishes	-	15 dishes (Ø 340 mm) for basket 500 x 500
	Z/OCOD2150	Rack for plates and trays	400•400•150	-
	Z/G9700670	Glass rack	400•400•150	-
	Z/G971023	Cutlery rack	400•400•125	-
	Z/SCB500	Cutlery rack	500•500•100	-
	Z/SCT500	Tray rack	500•500•100	-
	Z/ODBB50	Glass rack	500•500•100	-

	Item Code Artikelnummer	Version Version	Dimensions / Abmessungen mm	Capacity / Fassungsvermögen N°
	Z/GGB50440	Rack for cups and glasses	500•500•100	16 compartments
	Z/GGB500	Rack for cups and glasses	500•500•100	25 compartments
	Z/GGB50660	Rack for cups and glasses	500•500•100	36 compartments
	Z/SCP500	Rack for plates	500•500•100	24 x Ø 220 mm
	Z/E70180	Rack for plates	500•600•100	22 compartments
	Z/E70182	Tray rack	500•600•100	10/12 compartments
	Z/K950201	Inox rack for utensil washers GLB0134 GLB0135 GLB0137	600•670	-
	Z/K985201	Inox rack for utensil washers GLB0136	850•725	-





GLASSWASHERS / GLÄSERSPÜLMASCHINEN

DISHWASHERS / GESCHIRRSPÜLMASCHINEN

Item code Artikelnummer		GLB0104	GLB0110	GLB0107	GLB0105	GLB0111	GLB0109
Dimensions Abmessungen	WxDxH mm	470x530x725	470x530x725	470x530x725	600x605x830	600x605x830	600x605x830
Basket size Korbgröße	WxD mm	400x400	400x400	400x400	500x500	500x500	500x500
Door clearance Nutzhöhe	mm	270	270	270	320	320	320
Production Leistungsfähigkeit	baskets/ hour	30	40/30/20	40/30/20	40/20	40/30/20	40/30/20
Washing cycle Waschzyklus	sec	120	90/120/180	90/120/180	90/180	90/120/180	90/120/180
Absorbed power Anschlusswert	watt	3100	3100	3100	2800 / 3700 / 5600	2800 / 3700 / 5600	2800 / 3700 / 5600
Power supply Netzspannung	V-P-Hz	220-240V 1+N 50 Hz	220-240V 1+N 50/60 Hz	220-240V 1+N 50/60 Hz	220-240V / 1+N 50 Hz 220-240V / 3 50 Hz 380-415V / 3+N 50 Hz*		
Electronic control Elektronische Steuerung		electro mechanical elektromechanisch	electronic elektronisch	electronic elektronisch	electro mechanical elektromechanisch	electronic elektronisch	electronic elektronisch
Drain pump Ablaufpumpe		0	0	•	0	0	•
Rinsing aid dispenser Klarspülerdosierung		•	•	•	•	•	•
Detergent dispenser Spülmitteldosierung		•	•	•	•	•	•
Integrated softener Eingebauter Entkalker		-	-	•	-	-	•
Washing / Rinse arms Spül- & Nachspülarme		plastic Kunststoff			stainless steel / plastic Edelstahl / Kunststoff		
Double skin Doppelwandig		Door Tür	Door Tür	Door Tür	Door Tür	Door Tür	Door Tür



Z/F13376

Drain pump for GLB0061C/F
Ablaufpumpe für GLB0061C/F

Z/019056709

Drain pump for GLB0104 & GLB0110
Ablaufpumpe für GLB0104 & GLB0110

Z/019056722

Drain pump for GLB0105 & GLB0111
Ablaufpumpe für GLB0105 & GLB0111

Z/019104768

Drain pump for GLB0112
Ablaufpumpe für GLB0112



DISHWASHERS / GESCHIRRSPÜLMASCHINEN

HOOD-TYPE / HAUBENSÜPÜLMASCHINE

Item code Artikelnummer		GLB0061C/F	GLB0063C/F	GLB0112
Dimensions Abmessungen	WxDxH mm	600x600x842	600x600x842	630x770x1485
Basket size Korbgröße	WxDxH mm	500x500	500x500	500x500
Door clearance Nutzhöhe	mm	380	380	440
Production Leistungsfähigkeit	baskets/ hour	40/30/20	40/30/20	40/20
Washing cycle Waschzyklus	sec	90/120/180	90/120/180	90/180
Absorbed power Anschlusswert	watt	2800 / 3700 / 5600	2800 / 3700 / 5600	6000 / 11250 / 11250
Power supply Netzspannung	V-P-Hz	220-240V / 1+N 50 Hz* 220-240V / 3 50 Hz 380-415V / 3+N 50 Hz		220-240V / 1+N 50 Hz 220-240V / 3 50 Hz 380-415V / 3+N 50 Hz*
Electronic control Elektronische Steuerung		electro mechanical elektromechanisch	electro mechanical elektromechanisch	electro mechanical elektromechanisch
Drain pump Ablaufpumpe		0	•	0
Rinsing aid dispenser Klarspülerdosierung		•	•	•
Detergent dispenser Spülmitteldosierung		•	•	•
Integrated softener Eingebauter Entkalker		-	-	-
Washing / Rinse arms Spül- & Nachspülarme		stainless steel Edelstahl		stainless steel / plastic Edelstahl / Kunststoff
Double skin Doppelwandig		Body and door Korpus und Tür	Body and door Korpus und Tür	Body Korpus

i Our machines must be connected to a water softener plant in order to maintain the warranty claim. A proof is mandatory.
Unsere Maschinen müssen nachweislich an einer Enthärtereinheit angeschlossen werden, um den Gewährleistungsanspruch zu wahren.

***Standard supply voltage**
*Standard Netzspannung bei Anlieferung

• Series 0 Option - Not available
• Serienmäßig 0 Optional - Nicht lieferbar

PRE-WASH TABLES WITH SINK
ZULAUFTISCHE MIT BECKEN



	Item code Artikelnummer	Dimensions Abmessungen WxDxH mm	Sink Becken	Version
	Z/TID1200	1200x770x870	left links	Pre-wash table with sink Zulauftisch mit Becken
	Z/TID1500	1500x770x870		
	Z/TID1800	1800x770x870		
	Z/TIS1200	1200x770x870	right rechts	Pre-wash table with sink Zulauftisch mit Becken
	Z/TIS1500	1500x770x870		
	Z/TIS1800	1800x770x870		

PRE-WASH TABLES WITH SINK & WASTE HOLE
ZULAUFTISCHE MIT BECKEN & ABFALLLOCH

	Z/TIDFR1200	1200x770x870	left links	Pre-wash table with sink & waste hole Zulauftisch mit Becken & Abfallloch
	Z/TIDFR1500	1500x770x870		
	Z/TIDFR1800	1800x770x870		
	Z/TISFR1200	1200x770x870	right rechts	Sorting table with sink Geschirrsortiertisch mit Becken
	Z/TISFR1500	1500x770x870		
	Z/TISFR1800	1800x770x870		

EXIT TABLE FOR BASKETS
AUSLAUFTISCHE

	Z/TU700	700x590x870	Exit table for baskets Auslauftisch für Körbe
	Z/TU1000	1000x590x870	
	Z/TU1200	1200x590x870	
	Z/TU1500	1500x590x870	

ENTRY-/ EXIT SHELF FOR BASKETS
ZU- & AUSLAUFKONSOLE

	Z/TMU700	700x650x200	Entry & Exit shelf for baskets Zu- & Auslaufkonsole für Körbe
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Items delivered disassembled / Artikel demontiert geliefert / Articoli consegnati smontati / Articles livrés démontés

ACCESSORIES
ZUBEHÖRE



Item code Artikelnummer	Dimensions Abmessungen WxDxH mm
DAA0200	900x900x445

Item code Artikelnummer	Suitable for Geeignete für	Volume Fassungsvermögen	Dimensions Abmessungen WxDxH mm
Z/FEVPL60	GLB0105 - GLB0111 - GLB0109 GLB0061C/F - GLB0063C/F	for 3 baskets 500x500 für 3 Körbe 500x500	600x600x400

PRODUCTS FOR CLEANING, CARE AND HYGIENE
REINIGUNGSMITTEL



Item code Artikelnummer	KD612KGD	KD810LD	KDSG500	KDDI05LD
Description Beschreibung	Detergent for dishwashers with chlorine max. hardness range 8,4 °dH - PH value 14	Rinse aid neutral PH 7	Stainless steel care	Stainless Steel Cleaner
	Geschirreiniger mit Chlor max. 8,4 °dH - PH 14	Klarspüllmittel PH 7	Edelstahlpflege	Edelstahlreiniger
Volume Fassungsvermögen	Canister 12,5 kg liquid Kanister 12,5 kg flüssig	Canister 10 Lt liquid Kanister 10 Lt flüssig	Spray 0,5 Lt Spray 0,5 Lt	1 Lt liquid 1Lt flüssig
Package pcs Menge Stk.	n° 1	1	12	12



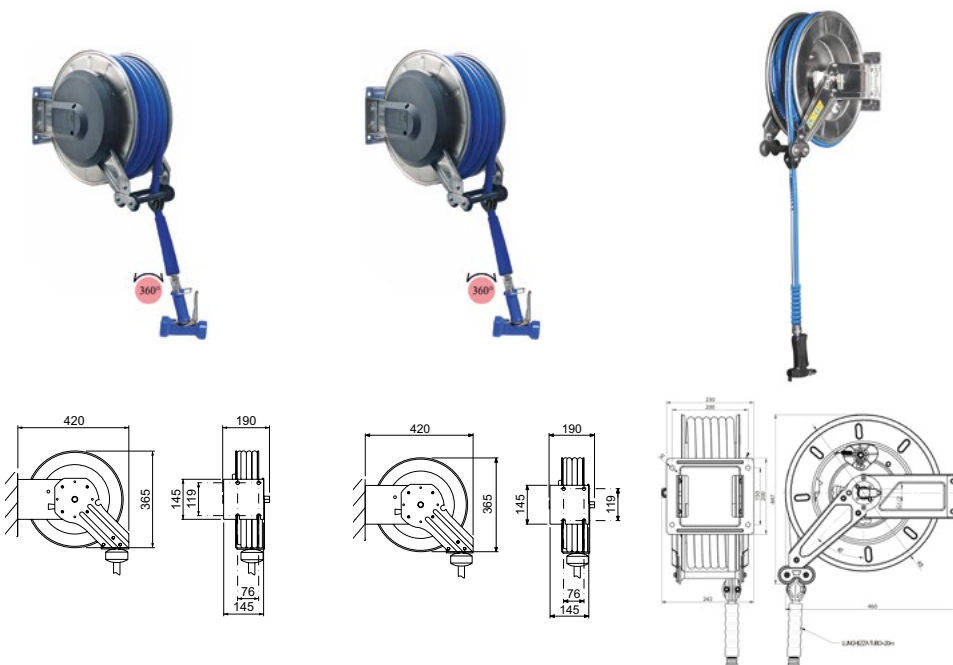
Item code Artikelnummer		Z/SCC50G	Z/G972032	Z/G970047	Z/G9700670	Z/OCOD2150
Dimensions Abmessungen	WxDxH mm	125x125x135	-	-	400x400x150	400x400x150
Volume Fassungsvermögen	n°	-	8 compartiment 8 Fächer	15 dishes (Ø 340 mm) for basket 500x500 15 Teller (Ø 340 mm) für Körbe 500x500	-	-
Description Beschreibung		cutlery rack Besteckkorb	cutlery rack Besteckkorb	dishes Tellerersatz	glass rack Gläserkorb	rack for plates and trays Korb für Teller und Tablett



Item code Artikelnummer		Z/G971023	Z/SCB500	Z/SCT500	Z/ODBB50
Dimensions Abmessungen	WxDxH mm	400x400x125	500x500x100	500x500x100	500x500x100
Volume Fassungsvermögen	n°	-	-	9 rows 9 Reihen	-
Description Beschreibung		cutlery rack Besteckkorb	cutlery rack Besteckkorb	tray rack Tablettkorb	cutlery rack Besteckkorb



Item code Artikelnummer		Z/GGB50440	Z/GGB500	Z/GGB50660	Z/SCP500
Dimensions Abmessungen	WxDxH mm	500x500x100	500x500x100	500x500x100	500x500x100
Volume Fassungsvermögen	n°	16 compartments 16 Fächer	25 compartments 25 Fächer	36 compartments 36 Fächer	24 plates Ø 220 mm 24 Teller Ø 220 mm
Description Beschreibung		rack for cups and glasses Korb für Tassen und Gläser	rack for cups and glasses Korb für Tassen und Gläser	rack for cups and glasses Korb für Tassen und Gläser	rack for plates Korb für Teller



Item code Artikelnummer		GDZ0045	GDZ0019/R	GDZ0042/M
Dimensions Abmessungen	WxDxH mm	190x420x365	190x420x365	180x460x447
Dimensions Schlauchlänge	mt	10	15	20
Water connection Wasseranschluss	G	1/2"	1/2"	1/2"



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