



DIHR presents the RX EVO line of rack conveyor dishwashers with double rinse: a range of models with multiple accessories to offer tailor-made solutions for any customer needs. Thanks to the efficient pre-rinse and rinse system, we have achieved a radical reduction in water consumption, up to using

approximately one liter of water per basket only. Pre-rinse saves water, rinse-aid and electricity because the water used for rinsing is collected and sent to the pre-rinse arms. This result, besides respecting the environment, significantly saves chemicals and reduces the need for energy.



CONTROL PANEL

The RX EVO control panel with IPX5 membrane keyboard, allows both technicians and users to obtain comprehensive and detailed information on the machine operation. Its display with scrolling text provides data about the current status of the machine, such as boiler and tank temperatures, main alert codes and various programmable settings. The user-friendly control board, combined with the clear set of information provided to the user, make of DIHR display a reliable and effective control device for our machine.



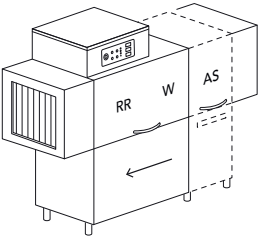
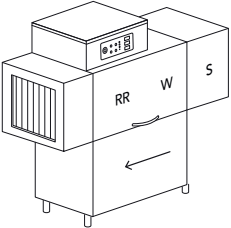
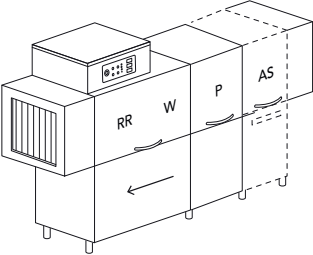
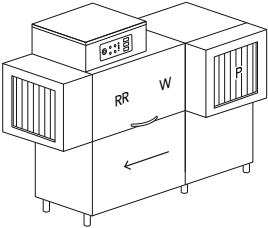
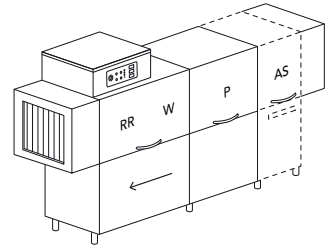
FEATURES

STANDARD

- Electronic panel panel with IPX5 membrane keyboard on electronic versions or electromechanical control panel in electromechanical versions
- Double-skin, insulated and counterbalanced doors, equipped with anti-drop safety system
- Ergonomic handles
- Thermo barrier system for comfort in use
- Acid proof AISI 316 stainless steel radial wash tanks
- CLEAN+ filters
- Self-cleaning vertical wash pumps, protected from electrical overloads
- Wash arms ALL-IN-1
- CPF System
- Side traction system with built-in clutch
- DRIVE speed variator with 3 speeds on the electromechanical versions and 5 speeds on the electronic versions
- Use economizer
- Acid proof AISI 316 stainless steel boilers, fully insulated to reduce thermal loss
- Autotimer switching off the rack conveyor motor and all electrical options after a preset lapse of inactivity
- Improved double rinse RR, more effective and with limited consumptions

OPTIONS

- Linear and 90°/180° corner drying modules, power 4,5 kW or 9 kW (double skin dryer available for linear models only)
- Steam condenser (SC10)
- Two models of heat recovery to be chosen according to the type of machine (compact or with integrated heat pump)
- Detergent dispenser with probe or dispensers kit
- Booster pump
- Hydraulic security system Break Tank
- Extra power for the boiler
- Thermal and acoustic insulation
- Stainless steel pumps
- Centralized drain 1-DRAIN
- Delivery in 2 or more parts to facilitate handling
- Machine sanitization also with dedicated booster pump

Model		Voltage	Capacity	Dimensions	Code
RX 104 3 SPEEDS					
	RACK EQUIPMENT 1 X C40 1 X C43 1 X C44 1 X C47	400 V 3N ~ 50 Hz 19,90 kW	 Ø 450  500x500 80* - 112 racks / h	1900x805 1830/2120 H 245 kg AS + 450 mm  530x325x25H	RX 104 RX 104 AS
RX 144 3 SPEEDS					
	RACK EQUIPMENT 1 X C40 1 X C43 1 X C44 1 X C47	400 V 3N ~ 50 Hz 20,60 kW	 Ø 450  500x500 93* - 144 racks / h	2100x805 1830/2120 H 270 kg  530x325x25H	RX 144
RX 184 3 SPEEDS					
	RACK EQUIPMENT 1 X C40 1 X C43 1 X C44 1 X C47	400 V 3N ~ 50 Hz 23,82 kW	 Ø 450  500x500 115* - 192 racks / h	2500x805 1830/2120 H 355 kg AS + 450 mm  530x325x25H	RX 184 RX 184 AS
RX 184 LC 3 SPEEDS - CORNER PREWASH					
	RACK EQUIPMENT 1 X C40 1 X C43/B 1 X C44 1 X C47	400 V 3N ~ 50 Hz 23,82 kW	 Ø 450  500x500 115 - 192 racks / h	2225x985 1830/2120 H 355 kg  530x325x25H	RX 184 LC
RX 244 3 SPEEDS					
	RACK EQUIPMENT 1 X C40 1 X C43 1 X C44 1 X C47	400 V 3N ~ 50 Hz 28,10 kW	 Ø 450  500x500 132* - 240 racks / h	2800x805 1830/2120 H 395 kg AS + 450 mm  530x325x25H	RX 244 RX 244 AS
P	Prewash	LC	Corner prewash		
W	Wash	AS	Automatic shower with filter drawer +450 mm		
RR	Pre-rinse + rinse	S	Soaking		

Model		Voltage	Capacity	Dimensions	Code
RX 104 E 5 SPEEDS					
	RACK EQUIPMENT 1 X C40 1 X C43 1 X C44 1 X C47	400 V 3N ~ 50 Hz 19,90 kW	 Ø 450 500x500 80* - 112 racks / h	1900x805 1830/2120 H 245 kg AS + 450 mm GN 1/1 530x325x25H	RX 104 E RX 104 E AS
RX 144 E 5 SPEEDS					
	RACK EQUIPMENT 1 X C40 1 X C43 1 X C44 1 X C47	400 V 3N ~ 50 Hz 20,60 kW	 Ø 450 500x500 93* - 144 racks / h	2100x805 1830/2120 H 270 kg GN 1/1 530x325x25H	RX 144 E
RX 184 E 5 SPEEDS					
	RACK EQUIPMENT 1 X C40 1 X C43 1 X C44 1 X C47	400 V 3N ~ 50 Hz 23,82 kW	 Ø 450 500x500 115* - 192 racks / h	2500x805 1830/2120 H 355 kg AS + 450 mm GN 1/1 530x325x25H	RX 184 E RX 184 E AS
RX 184 E LC 5 SPEEDS - CORNER PREWASH					
	RACK EQUIPMENT 1 X C40 1 X C43/B 1 X C44 1 X C47	400 V 3N ~ 50 Hz 23,82 kW	 Ø 450 500x500 115 - 192 racks / h	2225x985 1830/2120 H 355 kg GN 1/1 530x325x25H	RX 184 E LC
RX 244 E 5 SPEEDS					
	RACK EQUIPMENT 1 X C40 1 X C43 1 X C44 1 X C47	400 V 3N ~ 50 Hz 28,10 kW	 Ø 450 500x500 132* - 240 racks / h	2800x805 1830/2120 H 395 kg AS + 450 mm GN 1/1 530x325x25H	RX 244 E RX 244 E AS

* Productivity according to DIN SPEC 10534 regulation (contact time)

OPTIONS

	PRE DOS DDE-GROUP DOS/S SAN PAP-SAN SC10 HR10 HR20 HRP40											
Model	220-240 V 3 50 Hz	380-415 V 3N 50 Hz	60 Hz	DIHR disp. connections	Dispensers kit	Dispenser with probe	Sanitization system	Booster pump sanitiz.	Steam cond.	Heat recovery	Heat recovery	Heat recovery
RX 104	€	●	+3%	●	€	€	----	----	€	€	----	----
RX 104 AS	€	●	+3%	●	€	€	----	----	€	€	----	----
RX 104 E*	€	●	+3%	●	€	€	€	€	€	€	----	€
RX 104 E AS	€	●	+3%	●	€	€	€	€	€	€	----	€
RX 144	€	●	+3%	●	€	€	----	----	€	€	----	----
RX 144 E	€	●	+3%	●	€	€	€	€	€	€	----	€
RX 184	€	●	+3%	●	€	€	----	----	€	€	€	----
RX 184 AS	€	●	+3%	●	€	€	----	----	€	€	€	----
RX 184 E	€	●	+3%	●	€	€	€	€	€	€	€	€
RX 184 E AS	€	●	+3%	●	€	€	€	●	€	€	€	€
RX 184 LC	€	●	+3%	●	€	€	----	----	€	€	----	€
RX 184 E LC	€	●	+3%	●	€	€	€	€	€	€	----	€ ⁺
RX 244	€	●	+3%	●	€	€	----	----	€	€	€	----
RX 244 AS	€	●	+3%	●	€	€	----	----	€	€	€	----
RX 244 E*	€	●	+3%	●	€	€	€	€	€	€	€	€
RX 244 E AS	€	●	+3%	●	€	€	€	●	€	€	€	€

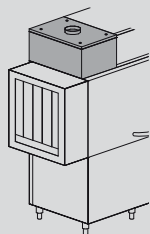
● Standard

---- Not available

E Settable electronic panel

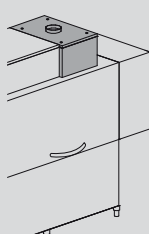
HRP40 Available with 400 V 3N 50 Hz frequency only

HR10 - HR20 - HRP40 In case of cold water supply for rinse (8-15 °C), we recommend to install the heat recovery system optional. Extra power included



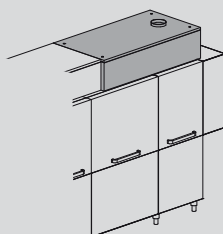
SC10

Steam condenser



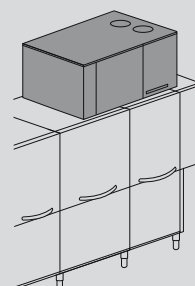
HR10

Compact heat recovery



HR20

heat recovery



HRP40

Heat recovery with heat pump

	DWI	PAP	DRIVE	AUTOTIMER	BT	DVGW	DWI / T	XP	DIV	PI	1-DRAIN
Model	Thermo acoustic insulation	Booster pump	Smart drive	Autotimer	Break tank	DVGW	Tank insulation	Extra power	Price for division	S/S pumps	Centralized drain
RX 104	€	€	●	----	----	----	€	€	€	€	€
RX 104 AS	€	€	●	----	----	----	€	€	€	€	€
RX 104 E*	€	€	●	●	€	€	€	€	€	€	€
RX 104 E AS	€	€	●	●	€	€	€	€	€	€	€
RX 144	€	€	●	----	----	----	€	€	€	€	€
RX 144 E	€	€	●	●	€	€	€	€	€	€	€
RX 184	€	€	●	----	----	----	€	€	€	€	€
RX 184 AS	€	€	●	----	----	----	€	€	€	€	€
RX 184 E	€	€	●	●	€	€	€	€	€	€	€
RX 184 E AS	€	€	●	●	€	€	€	€	€	€	€
RX 184 LC	€	€	●	----	----	----	€	€	€	€	€
RX 184 E LC	€	€	●	●	€	€	€	€	€	€	€
RX 244	€	€	●	----	----	----	€	€	€	€	€
RX 244 AS	€	€	●	----	----	----	€	€	€	€	€
RX 244 E*	€	€	●	●	€	€	€	€	€	€	€
RX 244 E AS	€	€	●	●	€	€	€	€	€	€	€

+ Not available for LC version if the machine is next to the wall

***** Construction according to UL-NSF standards upon request

DDE-GROUP Both detergent (with probe) and rinse-aid dispensers included

DOS/S For detergent dispenser only

SAN Including dosing system for sanitizing product

DWI Insulation option for the tunnel only, dryer excluded. Shelf dryer can be insulated upon request. Recommended with HR10 – HR20 – HRP40

DRIVE Check voltage compatibility

BT Booster pump

DIV For models RX 104, RX 104 E, RX 144, RX 144 E, Only splash guards removable

PI Available with 50 Hz. frequency only. Not available for AS module

DVGW Not available with heat recovery and steam condenser
Components prescribed by DVGW on request (check option compatibility with the manufacturer)

XP In case of cold water supply for rinse 8 °C 55 °C, and without any heat recovery, the extra power option is mandatory
With osmotic water supply and electrical conductivity lower than 200 microsiemens, it is mandatory to install a stainless steel heat exchanger

We recommend to install the machine in a well ventilated room, with a properly sized steam exhausting system

Peak-cut connect upon request

Water supply 55 °C. Water hardness min 2°f - max 8°f (if higher, an external water softener is required)

Option compatibility to be confirmed by the manufacturer after verification

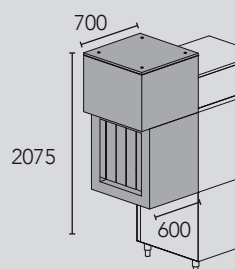
OPTIONS

	DR64	DR69	DR94	DR99
Model	Dryer + 400 mm / 4,5 kW	Dryer + 400 mm / 9 kW	Dryer + 700 mm / 4,5 kW	Dryer + 700 mm / 9 kW
RX 104	€	€	€	€
RX 104 AS	€	€	€	€
RX 104 E*	€	€	€	€
RX 104 E AS	€	€	€	€
RX 144	€	€	€	€
RX 144 E	€	€	€	€
RX 184	€	€	€	€
RX 184 AS	€	€	€	€
RX 184 E	€	€	€	€
RX 184 E AS	€	€	€	€
RX 184 LC	€	€	€	€
RX 184 E LC	€	€	€	€
RX 244	€	€	€	€
RX 244 AS	€	€	€	€
RX 244 E*	€	€	€	€
RX 244 E AS	€	€	€	€

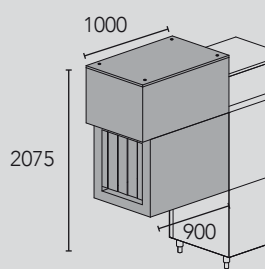
ID Recommended for DR69 - DR99. Not available for corner dryers

***** Construction according to UL-NSF standards upon request

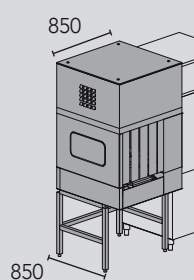
DR64 - DR94 - DRA94MC - DRA184MC With the models RX 184 - RX 244 verify feasibility with manufacturer



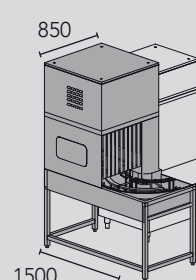
DR64 4,5 kW Electric
DR69 9 kW Electric
Dryer



DR94 4,5 kW Electric
DR99 9 kW Electric
Dryer



DRA94MC 4,5 kW Electric
DRA99MC 9 kW Electric
Dryer with mechanized arc 90° to be used with original DIHR racks only



DRA184MC 4,5 kW Electric
DRA189MC 9 kW Electric
Dryer with mechanized arc 180° to be used with original DIHR racks only

	DRA94MC	DRA99MC	DRA184MC	DRA189MC	ID
Model	Mechanized dryer 90° arc 4,5 kW	Mechanized dryer 90° arc 9 kW	Mechanized dryer 180° arc 4,5 kW	Mechanized dryer 180° arc 9 kW	Double skin for dryer
RX 104	€	€	€	€	€
RX 104 AS	€	€	€	€	€
RX 104 E*	€	€	€	€	€
RX 104 E AS	€	€	€	€	€
RX 144	€	€	€	€	€
RX 144 E	€	€	€	€	€
RX 184	€	€	€	€	€
RX 184 AS	€	€	€	€	€
RX 184 E	€	€	€	€	€
RX 184 E AS	€	€	€	€	€
RX 184 LC	€	€	€	€	€
RX 184 E LC	€	€	€	€	€
RX 244	€	€	€	€	€
RX 244 AS	€	€	€	€	€
RX 244 E*	€	€	€	€	€
RX 244 E AS	€	€	€	€	€

LC77/2 - LC77/3

Available on entry or exit connections, one per layout

DRA184MC - DRA189MC

Mandatory division

DRA94MC - DRA99MC - DRA184MC - DRA189MC

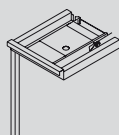
Available only without LC77/2 - LC77/3 on entry

AVAILABLE ARCS:

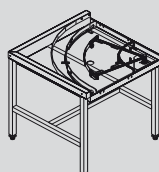
LC97

1300x1300x860 H

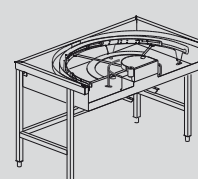
90° roller arc with tank


LC98

700x610x820 H

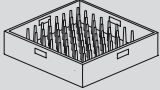
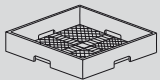
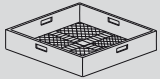
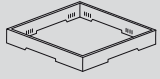
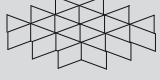
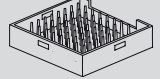
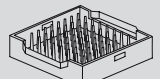
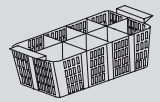
Angle loading table complete
with basket
pull-through system

LC77/2

850x850x885 H

90° mechanized arc
(clockwise/counter-clockwise)
to be used with original DIHR racks only

LC77/3

850x1500x885 H

180° mechanized arc
(clockwise/counter-clockwise)
to be used with original DIHR
racks only

	Description	Capacity	Dimensions	Code	
	PLATE BASKET	18 plates	500x500x105 H	C 40	
	NARROW MESH CUTLERY BASKET		500x500x106 H	C 41	
	LARGE MESH BASKET	For glasses	500x500x105 H	C 44	
	HOLDER FOR GLASS SUPPORT	For glass support (C112-C113-C114)	500x500x50 H	C 111	
	GLASS SUPPORT	5x5 Glass Ø 87 mm (C111)	500x500x50 H	C 112	
	GLASS SUPPORT	4x4 Glass Ø 110 mm (C111)	500x500x50 H	C 113	
	GLASS SUPPORT	6x6 Glass Ø 72 mm (C111)	500x500x50 H	C 114	
	TRAYS BASKET	8 pcs, max. depth 25 mm	500x500x105 H	C 43	
	GASTRONORM TRAYS BASKET GN 1/1	6 pcs, max. depth 25 mm	500x500x105 H	C 43/B	
	CUTLERY BASKET		490x180x140 H	C 47	
	FLEXIBLE SHOWER complete with mixing group and lever tap, to be fixed to the wall		1000 H	D 01	
	FLEXIBLE SHOWER complete with mixing group and lever tap, to be fixed to the wall and intermediate tap		1000 H	D 02	

	Description	Capacity	Dimensions	Code	
	SHELF		1515x620x660 H	M 16 * ▯	
			2315x620x660 H	M 24 * ▯	
	GRADING TABLE WITH RUBBER RING AND HOLE	Special dimensions upon request	1600x1000x850 H	TC 16 * ▯	
			2400x1000x850 H	TC 24 * ▯	
	MECHANIZED GRADING TABLE With mechanized basket advancement system	1 waste hole	1800x1240x1525 H	RTC 18 * ▯	
		2 waste holes	2400x1240x1525 H	RTC 24 * ▯	
	T 35 T 55 T 80 - T 90 	Standard rubber ring Standard rubber ring	1200x590x860 H	T 35 ▯	
			1200x730x860 H	T 55 ▯	
			1500x730x860 H	T 80 ▯	
			1800x730x860 H	T 90 ▯	
	ROLLER TABLE + sink, right or left version Sink 500x400x270 H		1600x730x860 H	T 195 ▯	
	LINEAR ROLLER TABLE WITH TANK	Option end microswitch	1100x650x860 H	LC 96/A * ▯	
			1600x650x860 H	LC 96/B * ▯	
			2100x650x860 H	LC 96/C * ▯	
				LC 95	
	LINEAR ROLLER TABLE WITH TANK complete with end microswitch	Not compatible with same references Not on 180° arcs To be connected to LC 77/3 only and to dryer on 180°	1100x650x860 H	LC 96/1 ▯	
			1600x650x860 H	LC 96/1A ▯	
			1150x650x860 H	LC 96/2 ▯	
			1650x650x860 H	LC 96/2A ▯	
	90° roller arc with tank (exit only with roller table)	Optional connection to prewash tables	1300x1300x860 H	LC 97 *	
	Angle loading table complete with basket pull- through system		700x610x820 H	LC 98	
	90° MECHANIZED ARC (clockwise/counter- clockwise) not available at the entry on LC version	DIHR racks only	850x850x885 H	LC 77/2 *	
	180° mechanized arc (clockwise/counter- clockwise)		850x1500x885 H	LC 77/3 *	

* Wooden cage +2% minimum + € / ▯ Special dimensions for tables upon request / Tables shown in right-to-left version
We strongly recommend the presence of a roller table with end microswitch at the exit of our rack type machines for a correct operation