



# RX PRO

RACK CONVEYOR DISHWASHERS

***rhima***

# available models



RX246



RX296



RX326



RX356



RX396

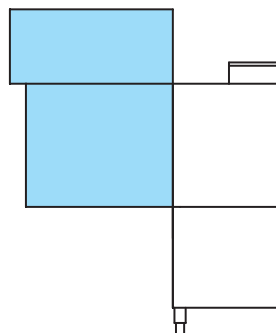
## STANDARD

- Five operating speeds
- LCD and soft touch keyboard
- Frequently used keys shortcut
- Language menu setting
- Constant monitoring of key operations
- IPX5 electronic board
- HACCP interface
- More practical and performing wash and rinse arms, disposed in a rack
- Autotimer
- Wash and rinse economizers
- DDSS (Dihl Detergent Saving System) economizer
- AISI 316 wash tanks inclined to provide complete drainage of the wash water
- S/S surface filters
- Insulated double-skin door
- Plug-in chemical dispensers connection
- Non return valve
- AISI 316 s/s boiler
- Vertical self cleaning wash pump
- Renewed reinforced double rinse system, which grants higher efficiency with lower consumption

## OPTIONS

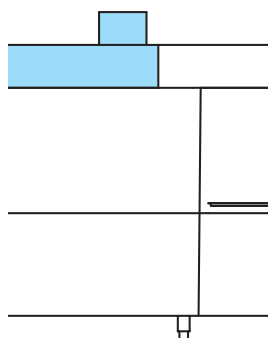
- New dryers with a 4,5 Kw and 9Kw heating element, available on straight as well as corner (90°/180°) modules (also insulated)
- Steam condenser (SC10)
- 3 heat recovery devices, in accordance with the dishwasher model required
- Pre-wash module with drawer strainer (AS)
- Prewash on 90° corner (not compatible on the models equipped with AS)
- Peristaltic pump dispensers, for detergent and rinse-aid chemicals
- Thermal and acoustic insulation (available also on dryer modules)
- Wash tanks insulation
- Stainless steel wash pump
- HACCP Supervisor Software
- Centralized drain
- Delivery in 2 or more parts, to easier installation operations
- Machine automatic self-cleaning, with dedicated booster pump
- Possibility to turn off the dryer heating elements, if needed
- Break Tank

# main options



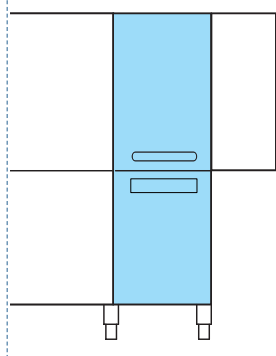
## DRYERS

Available in 4,5Kw and 9kw, 600mm stage or 900mm module dryers, in accordance with the model required. Available also with thermal insulation and on mechanized or motorized arcs.



## HEAT RECOVERY SYSTEMS

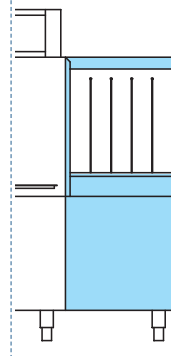
Compact version HR10, standard HR20 and with heat pump HRP30.



## AS:

### PREWASH MODULE WITH DRAWER STRAINER

Not available for models with LC 90° corner pre-wash



## LC:

### 90° CORNER INLET WITH PRE-WASH

Only for models RX296 and RX356. Not available when AS prewash module is installed.

# technical specifications

Version 1.0

|                                     |         | RX246               | RX296               | RX326               | RX356               | RX396               |
|-------------------------------------|---------|---------------------|---------------------|---------------------|---------------------|---------------------|
| <b>RACKS PER HOUR</b>               |         |                     |                     |                     |                     |                     |
| DIN10510 compliant                  | n.      | 100                 | 135                 | 150                 | 190                 | 210                 |
| DIN10510 compliant in case of AS    | n.      | 123                 | 159                 | 177                 | 213                 | 231                 |
| at maximum speed                    | n.      | 250                 | 300                 | 330                 | 360                 | 400                 |
| rinse water consumption             | l / h   | 150                 | 190                 | 250                 | 310                 | 340                 |
| clearance (l x h)                   | mm      | 510 x 450           | 510 x 450           | 510 x 450           | 510 x 450           | 510 x 450           |
| <b>PRE-WASH</b>                     |         |                     |                     |                     |                     |                     |
| pump                                | kW      | -                   | 1                   | 2,18                | 1                   | 2,18                |
| washing pressure at nozzle          | kPa     | -                   | 30                  | 40                  | 30                  | 40                  |
| rated capacity                      | l / min | -                   | 330                 | 875                 | 330                 | 875                 |
| tank volume                         | l       | -                   | 45                  | 85                  | 45                  | 85                  |
| <b>2<sup>ND</sup> CHEMICAL WASH</b> |         |                     |                     |                     |                     |                     |
| pump                                | kW      | -                   | -                   | -                   | 2,18                | 2,18                |
| washing pressure at nozzle          | kPa     | -                   | -                   | -                   | 40                  | 40                  |
| rated capacity                      | l / min | -                   | -                   | -                   | 875                 | 875                 |
| tank volume                         | l       | -                   | -                   | -                   | 85                  | 85                  |
| tank heating element                | kW      | -                   | -                   | -                   | 9                   | 9                   |
| <b>1<sup>ST</sup> CHEMICAL WASH</b> |         |                     |                     |                     |                     |                     |
| pump                                | kW      | 2,18                | 2,18                | 2,18                | 2,18                | 2,18                |
| washing pressure at nozzle          | kPa     | 40                  | 40                  | 40                  | 40                  | 40                  |
| rated capacity                      | l / min | 875                 | 875                 | 875                 | 875                 | 875                 |
| tank volume                         | l       | 85                  | 85                  | 85                  | 85                  | 85                  |
| tank heating element                | kW      | 9                   | 9                   | 9                   | 9                   | 9                   |
| <b>DOUBLE RINSE</b>                 |         |                     |                     |                     |                     |                     |
| pre-rinse pump                      | kW      | 0,2                 | 0,2                 | 0,2                 | 0,2                 | 0,2                 |
| pre-wash tank volume                | l       | 12                  | 12                  | 12                  | 12                  | 12                  |
| <b>total installed power</b>        |         |                     |                     |                     |                     |                     |
| hot water intake (55°C)             | kW      | 20,6                | 21,6                | 25,8                | 37,3                | 39,8                |
| cold water intake (10°C)            | kW      | 29,6                | 33,6                | 34,8                | -                   | -                   |
| with HR10                           | kW      | 23,8                | 27,8                | 32                  | 48                  | 49                  |
| with HR20                           | kW      | -                   | 24,8                | 29                  | 42                  | 46                  |
| con HRP30 - with HRP30              | kW      | -                   | 25,8                | 30                  | 41,5                | 44                  |
| <b>DIMENSIONS (L x W x H)</b>       |         |                     |                     |                     |                     |                     |
| standard                            | mm      | 2100x805x1830       | 2700x805x1830       | 3000x805x1830       | 3600x805x1830       | 3900x805x1830       |
| <b>DRYERS</b>                       |         |                     |                     |                     |                     |                     |
| module 600 (4,5 kW)                 | mm      | L+400, H+240        | -                   | -                   | -                   | -                   |
| module 900 (9 kW)                   |         | -                   | L+700, H+240        | L+700, H+240        | L+700, H+240        | L+700, H+240        |
| angle module 90° (4,5 -9 kW)        | mm      | L+850, H+240        | L+850, H+240        | L+850, H+240        | L+850, H+240        | L+850, H+240        |
| angle module 180° (4,5 -9 kW)       | mm      | L+850, W+850, H+240 | L+850, W+850, H+240 | L+850, W+850, H+240 | L+850, W+850, H+240 | L+850, W+850, H+240 |
| AS                                  | mm      | L+450               | L+450               | L+450               | L+450               | L+450               |
| LC                                  | mm      | -                   | L-300, W+250        | -                   | L-300, W+250        | -                   |

\*With optional inverter

Continual improvements may supersede specifications

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WEEE **RoHS**



HACCP



CE

DIN 10510