# DISHWASHER N50 RO EVO 2 HY-NRG

## STANDARD FEATURES

- Double-skinned cabinet and door, made of stainless inox AISI 304.
- Press-moulded wash tank with radial corners, inclined to filters.
- Easy-clean-filter system.
- Counter-balanced door.
- Two wash and two rinse stainless-inox arms, independent and rotary.
- Micro security door.
- Stand-by system for energy saving.
- Soft start system.
- Peristaltic rinse dosing unit, adjusted from control panel.
- HY-NRG rinse function with pressure booster pump keeping set temperature and quantity of water used in rinsing at constant levels.
- Insulated atmospheric boiler and break tank.
- Auto self-cleaning cycle of the washing tank at the end of the service (with rinsing pump).
- Innovative electronic control panel with high-resolution color TFT 45x60mm screen for intuitive programming of the machine.
- Storing of daily cycle quantity and throughout the life of the machine.
- Four purpose-designed washing cycles for various types of crockery to be washed.
- Two menu levels, protected by a pin code: an operator and a technical menu (after-sales service).
- Reverse osmosis system (RO) with by-pass. In case of system anomalies, it is possible to use the machine anyway.
- Integral osmosis filter (150 lt/h)

## TECHNICAL FEATURES

<table>
<thead>
<tr>
<th>Electronic control panel</th>
<th>(sec.)</th>
<th>Baskets/h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Washing cycle P1 * (122” wash – 5” pause – 13” rinse)</td>
<td>140</td>
<td>26</td>
</tr>
<tr>
<td>Washing cycle P2 * (142” wash – 5” pause – 13” rinse)</td>
<td>160</td>
<td>23</td>
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<tr>
<td>Washing cycle P3 * (162” wash – 5” pause – 13” rinse)</td>
<td>180</td>
<td>20</td>
</tr>
<tr>
<td>Washing cycle P4 * (462” wash – 5” pause – 13” rinse)</td>
<td>480</td>
<td>7</td>
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</tbody>
</table>

- Basket size 500 x 500 mm
- Wash pump power/capacity 0,55 kW / 287 l/min
- Rinse boost pump: power/capacity 0,18 kW / 130 l/min
- Element power: tank/boiler 2 kW / 7,5 kW
- Water supply temperature/pressure/hardness max. 55°C / 200 - 400 kPa / min. 7 max. 12°f ***
- Washing/Rinsing temperature 50°C / 85°C
- Capacity: tank/boiler/water consumption per cycle 11 l / 7 l / 5,4 l
- Total power/Voltage 8,05 kW / 400 Volt 3/N/50 Hz

*Theoretical data with water supply at 50°, P1 cycle for light-dirty dishes
**Depending on plate sizes
***Where water hardness exceeds 12°f or 100ppm a water softener is required. Water softener is not suitable for hot water above 30°C.
ACCESSORIES

Baskets 1 universal basket, 2x18 plates, 1 basket for inclined glasses, 1 cutlery rack
Filters 1 carbon filter****, 1 filter-holder with ferrule and tools, 1 wall mount bracket, 2 connectors
Hoses Water connection, drain, transparent rinsing product

**** it filters max 20.000 litres of water and must be replaced to prevent the osmosis membrane from water chlorine. Warranty does not cover these interventions in any case.

OPTIONAL ADD-ONS

• Integral water softener with auto-regeneration cycle, adjustable according to water hardness. (A). Salt level indicator.
• Peristaltic detergent dosing unit (PD) identified by a red hose.
• Drain pump (PS).
• By-pass solenoid draining regeneration water directly into the drains.
• Wi-Fi connection to send text message for feasible anomalies or informative message on the machine status.

ALL COMBINATIONS WATER HARDNESS/REGENERATION CYCLE

If water exceeds 14° f, regeneration cycle enables every 120 washing cycles
If water exceeds 22° f, regeneration cycle enables every 80 washing cycles
If water exceeds 32° f, regeneration cycle enables every 50 washing cycles
If water exceeds 37° f, regeneration cycle enables every 40 washing cycles
If water exceeds 42° f, regeneration cycle enables every 30 washing cycles
If water exceeds 52° f, regeneration cycle enables every 25 washing cycles