WN

5 YEARS WARRANTY

MADE IN ITALY

# WN

## WNPHXX

cod. 20211050

EMEC S.r.l. Via Donatori di Sangue, 1 - 02100 Rieti - Italia
T. +39 0746 2284 1  F. +39 0746 2284 2
info@emecpumps.com - www.emecpumps.com

emec®
SIMPLE AS WATER

# WNPHXX

emec®

## Precise, reliable, silent.

WIFI · NIMBUS DIGITAL SERVICES · APP **MY EMEC** · ONLINE STATS · CUSTOMIZABLE

WN

The **WNPHxx** series has been developed by EMEC to offer a complete and user-friendly solution for swimming pool water treatment and for all those installations where precise, reliable and silent operation is needed, such as in wellness and spa environments.

The **WNPHxx** series products are two-channel and multi-parameter with a temperature readout.

Distinctive features also include:
- optimised dosing capacity as result of its electronically controlled stepper motor. This allows the rotation speed to be varied in real time and therefore also the dosage, in a range of from 1% to 100%;
- ability to detect and manage electromechanical faults.

The large backlit LCD screen and encoder knob makes data clearly visible and the menus easy to navigate so that operating modes can be quickly programmed with the relative alarm settings and different outputs. The **WNPHxx** can also be remote controlled using the NIMBUS platform and the My Emec app.

*The* WN *series includes the following:*

**WNPHxx**, a compact all-in-one solution for maximum precision which also comprises a control instrument and two peristaltic stepper dosing pumps in one product;

**WNPHxx-S**, a compact all-in-one solution for maximum precision which also comprises a control instrument, a peristaltic stepper dosing EMEC 2025 and a salt electrolysis output (max. 8A).

IQNET CERTIFIED MANAGEMENT SYSTEM

qualityaustria SYSTEM CERTIFIED
ISO 9001:2015 No.07726/0
ISO 14001:2015 No.00997/0
ISO 45001:2018 No.01121/0

# NEW

- High-precision stepper motor. The quantity of dosed product can be changed instantly to suit different requirements
- Long-life biocompatible hose
- Built-in Wi-Fi connection. LAN and USB optional
- Remote control: supports remote management using the NIMBUS platform and the MyEmec app
- Wide Range: the new **WNPHxx** can work with power supplies ranging from 100 to 240 VAC 50/60Hz

# COMMUNICATIONS

- NIMBUS / My Emec App online remote control
- Built-in WIFI

### REMOTE CONTROL
Using smartphone, tablet o computer

### UPLOAD SETTINGS
Remote upload of configuration via App/NIMBUS

**INPUTS**
- Stand-by
- Flow
- pH level
- Redox or Chlorine level
- pH probe
- Redox or Chlorine probe
- Temperature probe
- Power supply
- RS-485
- Water meter

**OUTPUTS**
- Pump pH output
- Pump Redox or Chlorine output
- Alarm output
- 2 powered outputs (max. 8A)

# CHANNELS

## UP TO TWO CHANNELS (+ TEMPERATURE)

pH · REDOX · CLOSED AMPEROMETRIC CELLS · OPEN AMPEROMETRIC CELLS (CHLORINE) · CONDUCTIVITY · TURBIDITY

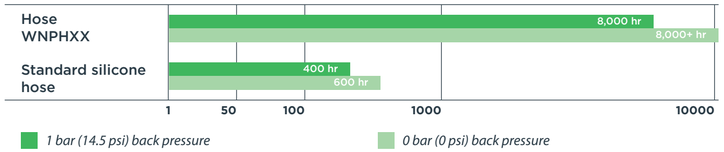
CLOSED AMPEROMETRIC CELLS
- FREE CHLORINE
- TOTAL CHLORINE
- BROMINE

# PERFORMANCE

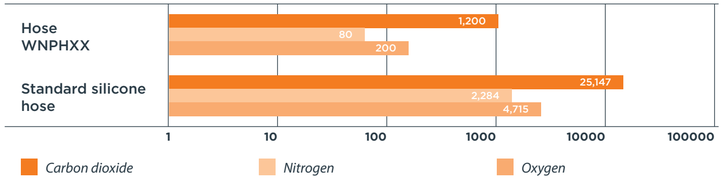
## LONG-LIFE BIOCOMPATIBLE HOSE

| Hose | Pressure | | Capacity range | | RPM range |
|---|---|---|---|---|---|
| | *bar* | *PSI* | *l/hr* | *gal/hr* | *rpm* |
| **Ø 1.6x1.6** | **2** | **36.2** | **0.018 - 1.8** | **0.0047 - 0.47** | **1 - 100** |
| **Ø 4.8x1.6** | **2** | **36.2** | **0.12 - 12** | **0.0317 - 3.17** | **1 - 100** |

### Hose life comparison




### Permeability coefficient comparison (x10$^{-11}$)

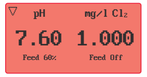



# RGB DISPLAY

DOSING
**Green**

STAND-BY
**White**

WARNING
**Yellow**




ALARM
**Red**