

Autotrol Performa 263-268 Easy-iQ



IMPORTANT SAFETY INSTRUCTIONS

Read and follow all instructions
Save these instructions

WWW.PENTAIR.EU/
[WWW.PENTAIR.COM \(NAM\)](http://WWW.PENTAIR.COM)

No. FR

- 1 Réglages d'installation
- 2 N° installation
- 3 Date d'installation
- 4 Type de résine
- 5 Volume de résine
- 6 N° de série de vanne
- 7 Dureté de l'eau à la sortie
- 8 Taille de la bouteille
- 9 Taille du bac à sel
- 10 Réglages hydrauliques
- 11 Taille d'injecteur
- 12 DLFC
- 13 Numéro du contrôleur du débit de remplissage
- 14 BLFC
- 15 Paramètres électriques
- 16 Tension
- 17 Fréquence
- 18 Puissance
- 19 Paramètres logiciels
- 20 Heure de régénération
- 21 Jour de la semaine
- 22 Jours entre les régénérations
- 23 Qté de sel par régén.
- 24 Capacité du système
- 25 Dureté de l'eau en entrée
- 26 Cycle
- 27 Date
- 28 Description
- 29 Nom
- 30 Signature

DE

- 1 Anlageneinstellungen
- 2 Anlagennr.
- 3 Aufstellungsdatum
- 4 Harzart
- 5 Harzmenge
- 6 Seriennummer Ventil
- 7 Wasserhärte am Auslass
- 8 Behältergröße
- 9 Sotebehältergröße
- 10 Hydraulikeinstellungen
- 11 Injektorgroße
- 12 DLFC
- 13 Nummer des Ansaugratereglers
- 14 BLFC
- 15 Elektrische Einstellungen
- 16 Spannung
- 17 Frequenz
- 18 Strom
- 19 Softwareeinstellungen
- 20 Regenerationszeit
- 21 Wochentag
- 22 Tage zwischen Regen.
- 23 Salzmenge pro Regen.
- 24 Systemkapazität
- 25 Eingangshärte
- 26 Zyklus
- 27 Datum
- 28 Beschreibung
- 29 Name
- 30 Unterschrift

ES

- 1 Configuración de instalación
- 2 N.º de instalación
- 3 Fecha de instalación
- 4 Tipo de resina
- 5 Volumen de resina
- 6 N.º serie válvula
- 7 Dureza del agua de salida
- 8 Tamaño de la botella
- 9 Tamaño del depósito de sal
- 10 Configuración hidráulica
- 11 Tamaño del inyector
- 12 DLFC
- 13 Número de programador de llenado
- 14 BLFC
- 15 Configuración eléctrica
- 16 Tensión
- 17 Frecuencia
- 18 Potencia
- 19 Configuración del software
- 20 Hora de regeneración
- 21 Día de la semana
- 22 Días entre regen
- 23 Cant. de sal por regen.
- 24 Capacidad del sistema
- 25 Dureza del agua de entrada
- 26 Ciclo
- 27 Fecha
- 28 Descripción
- 29 Nombre
- 30 Firma

IT

- 1 Impostazioni installazione
- 2 Installazione N.
- 3 Data di installazione
- 4 Tipo di resina
- 5 Volume di resina
- 6 Numero di serie valvola
- 7 Durezza dell'acqua in uscita
- 8 Dimensioni del serbatoio
- 9 Capacità del serbatoio salamoia
- 10 Impostazioni idrauliche
- 11 Dimensioni iniettori
- 12 DLFC
- 13 Numero del controller di riempimento
- 14 BLFC
- 15 Impostazioni elettriche
- 16 Tensione
- 17 Frequenza
- 18 Alimentazione
- 19 Configurazione software
- 20 Orario di rigenerazione
- 21 Giorno della settimana
- 22 Giorni tra una rigenerazione e l'altra
- 23 Quantità di sale per ogni rigenerazione
- 24 Capacità del sistema
- 25 Durezza dell'acqua in entrata
- 26 Ciclo
- 27 Data
- 28 Descrizione
- 29 Nome
- 30 Firma

No. PL


- 1 Ustawienia instalacji
- 2 Nr instalacji
- 3 Data instalacji
- 4 Typ żywicy
- 5 Ilość żywicy
- 6 Numer seryjny zaworu
- 7 Twardość wody na wylocie
- 8 Wymiary zbiornika
- 9 Wymiary zbiornika solanki
- 10 Ustawienia układu hydraulicznego
- 11 Rozmiar dyszy wtryskowej
- 12 DLFC
- 13 Numer sterownika napetniania
- 14 BLFC
- 15 Ustawienia układu elektrycznego
- 16 Napięcie
- 17 Częstotliwość
- 18 Moc
- 19 Ustawienia oprogramowania
- 20 Godzina regeneracji
- 21 Dzień tygodnia
- 22 Dni między regeneracjami
- 23 Ilość soli do regeneracji
- 24 Wydajność systemu
- 25 Twardość wody na wlocie
- 26 Cykl
- 27 Data
- 28 Opis
- 29 Nazwisko
- 30 Podpis

NL

- 1 Installatie instellingen
- 2 Installatie nr.
- 3 Installatiedatum
- 4 Hars type
- 5 Harsvotume
- 6 Klep serienr.
- 7 Hardheid uitgangswater
- 8 Tankgrootte
- 9 Grootte pekkeltank
- 10 Hydraulische instellingen
- 11 Injektorgrootte
- 12 DLFC
- 13 Vulling controlnummer
- 14 BLFC
- 15 Elektrische instellingen
- 16 Spanning
- 17 Frequentie
- 18 Vermogen
- 19 Software-instellingen
- 20 Regeneratietijd
- 21 Dag van de week
- 22 Dagen tussen regeneratie
- 23 Hoev. zout per regeneratie
- 24 Systeemcapaciteit
- 25 Hardheid ingangswater
- 26 Cyclus
- 27 Datum
- 28 Beschrijving
- 29 Naam
- 30 Handtekening

1 Generalities

CAUTION

 Before handling the system, each user must read and understand the instructions in this document. The safety instructions must be observed. Retain this document for future reference.

1.1 Scope of the documentation

The documentation provides the necessary information for appropriate use of the product. It informs the user to ensure efficient execution of the installation, operation or maintenance procedures.

This document is not aimed at the installer.

Visit our website <https://www.pentair.eu/product-finder/product-type/control-valves> to download the installer manual.

1.2 Release management

Release	Date	Authors	Description
A	23.05.2024	BRY/FLA	First edition

1.3 Manufacturer identifier, product identification

Manufacturer:	EU legal entity PentairInternational SARL Voie du chariot 3 1003 Lausanne Switzerland	US legal entity Pentair 13845 Bishops Drive Suite 200 Brookfield, WI. USA 53005	Factory Pentair Manufacturing Italy Via Masaccio 13 Lugnano di Vicopisano 56010 (PI), Italy
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Product identification: Autotrol Performa 263-268 Easy-iQ

1.4 Applicable norms

Europe		North America
Guidelines <ul style="list-style-type: none"> • 2014/35/UE: Low Voltage Directive • 2014/30/UE: Electromagnetic compatibility • 2011/65/UE: Restriction of use of certain hazardous substances in electrical and electronic equipment (RoHS) • Regulation CE 1908/2006: concerning the registration, evaluation, authorization and restriction of chemical substances (REACH) • UNI EN ISO9001 		Guidelines <ul style="list-style-type: none"> • UL 979 • NSF/ANSI Standard 44 • CSA B483.1 • FCC 47 CFR part 15 subpart b and C • ISED-ICES-003 • ISED-RSS-210
Technical standards <ul style="list-style-type: none"> • EN IEC 60335-1 • EN IEC 61010- 1 • CISPR 14-1 • CISPR 14-2 • EN IEC 61326-1 	Certificates <ul style="list-style-type: none"> • CE • DM174 • ACS 	Certificates <ul style="list-style-type: none"> • UL • WQA • FCC • ISED

1.5 Limitation of liability

Pentair Water Treatment EMEA products benefit, under specific conditions, from a manufacturer warranty that may be invoked by Pentair's direct customers. Users should contact the vendor of this product for applicable conditions and in case of a potential warranty claim.

Pentair accepts no liability for equipment installed by the user upstream or downstream of Pentair products, as well as for process/production processes which are installed and connected around or even related to the installation. Disturbances, failures, direct or indirect damages that are caused by such equipment or processes are also excluded from the warranty.

Pentair shall not accept any liability for any loss or damage to profits, revenues, use, production, or contracts, or for any indirect, special or consequential loss or damage whatsoever. Please refer to the Pentair List Price for more information about terms and conditions applicable to this product.

2 Safety

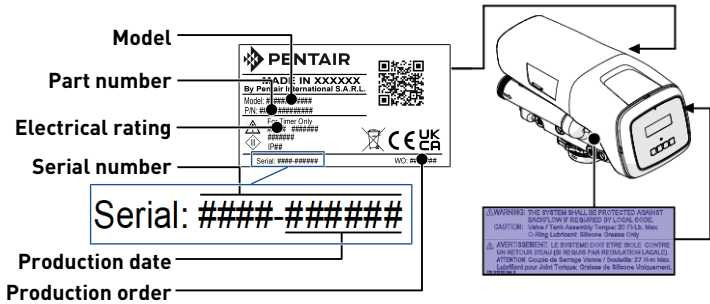
2.1 Serial label location

Mandatory

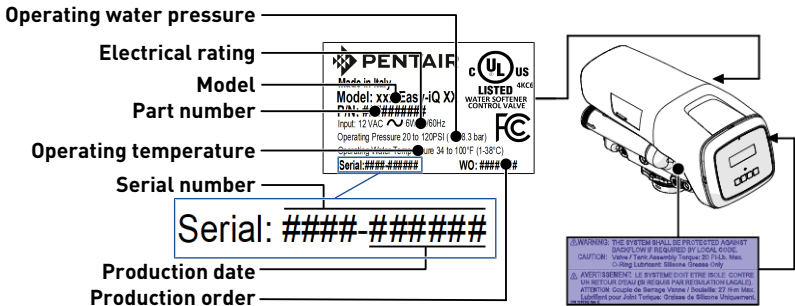


Ensure that the serial label and the safety labels on the device are completely legible and clean !

Europe



NAM



2.2 Hazards

All the safety and protection instructions contained in this document must be observed in order to avoid temporary or permanent injury, damage to property or environmental pollution.

At the same time, any other legal regulations, accident prevention and environmental protection measures, as well as any recognized technical regulations relating to appropriate and risk-free methods of working which apply in the country and place of use of the device must be adhered to.

Any non-observation of the safety and protection rules, as well as any existing legal and technical regulations, will result in a risk of temporary or permanent injury, damage to property or environmental pollution.

This product is not intended to be used for treating water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the product.

2.2.1 Personnel

CAUTION



Risk of injury due to improper handling!

Only qualified and professional personnel, based on their training, experience and instruction as well as their knowledge of the regulations, the safety rules and operations performed, are authorized to carry out necessary work.

WARNING



Appliance

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensor or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

WARNING



Children

Children shall not play with the appliance.
Cleaning and salt refill shall not be made by children without supervision.

Mandatory



Any other maintenance operation must be carried out only by qualified and professional personnel!

2.2.2 Material

First check whether the product is already equipped with a power supply or not; if it is not present, the product must be powered with the following characteristics:

Output current frequency	50/60 Hz	Minimum power absorption	6 W
Output current voltage	12 VAC	Insulation Class	II
Connector Type	O.D. 5.5 mm x I.D. 2.1 mm		

The input characteristics of the power supply depend on the electrical network available on site.

DANGER



The choice of a correct power supply is mandatory to guarantee the safety of users, if you do not feel expert, consult a professional.

Mandatory



Always check first if the supplied transformer is compatible with the local electrical network!

The following points must be observed to ensure proper operation of the system and the safety of user:

- be careful of high voltages present on the transformer (100 – 240 V);
- do not put your fingers in the system (risk of injuries with moving parts and shock due to electric voltage).

2.3 Hygiene and sanitization

Contact your local dealer and ask for a sanitization treatment if the treated water has an off-taste or an unusual odor.

It is strongly recommended to disinfect the system at least once a year.

3 Description

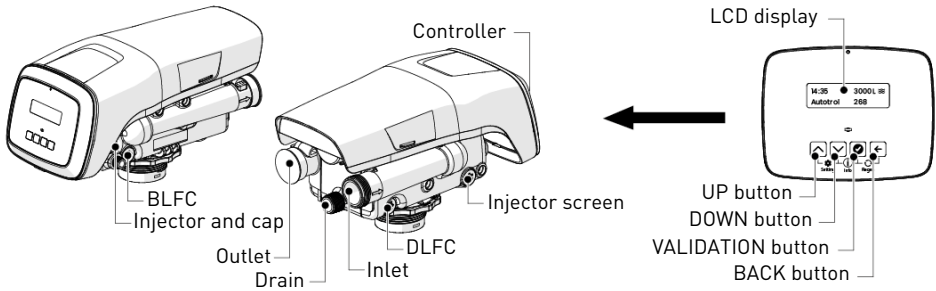
3.1 Technical specifications

Recommended operating pressure	1.4 to 8.3 bar – 20 to 120 psi – 0.14 to 0.83 MPa
Hydrostatic test pressure	20.69 bar – 300 psi – 2.07 MPa
Ambient temperature	3 to 40°C – 37 to 104°F

3.2 Environmental conditions

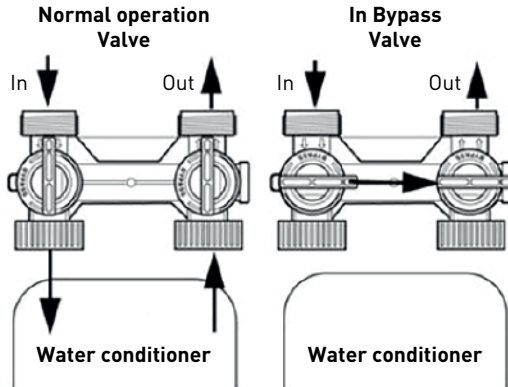
- Maximum relative humidity 80% for temperatures up to 31°C – 88°F decreasing linearly to 50% relative humidity at 40°C – 104°F;
- main supply voltage fluctuations up to ±10% of the nominal voltage;
- temperature from 1 to 35°C – 38 to 100°F;
- indoor use only.

3.3 Description and component location



3.4 Bypassing

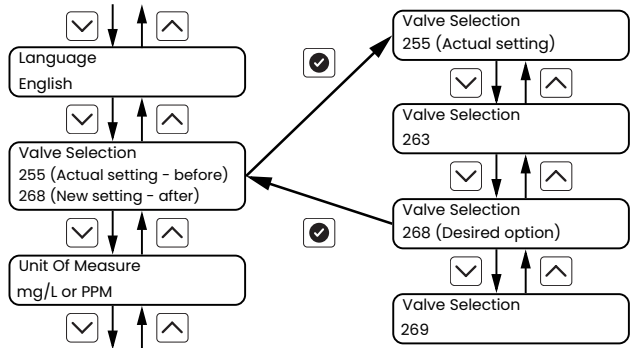
If the system is equipped with a bypass and if a problem occurs, turn the valves to bypass the system as shown in the picture below.



4 Programming

4.1 Controller quick start

1. Use and to select the submenu.
2. Press to validate the submenu selection.
 - ⇒ The parameters of the selected submenu are displayed.
3. Use and to select the desired parameter.
4. Press to validate the parameter selection.
 - ⇒ The controller displays the submenu with the selected parameter.
5. Repeat this procedure for all submenus (**Language**, **Valve selection**, **Unit of measure**, **Hardness unit**, **Hardness setting**, **Resin amount**, **Salt dosage**, **Time**, **Date**).
6. When setting is done, validate to display **Service menu**.



4.2 Diagnostics menu

1. Press + to display **Diagnostics** submenus.
2. Using and , scroll between the different submenus - select the one to consult.
3. Press to validate the selection.
4. Using and , scroll to consult the different submenu information.
5. Press to come back to **Diagnostics** menu.
6. Repeat this procedure from its third point as needed.

5 Operation






5.1 Recommendations

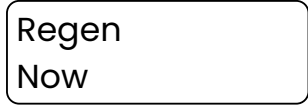
- Use only regeneration salts designed for water softening EN973;
- for optimal system operation, the use of clean salt and impurities free is recommended (for example salt pellets);
- do not use ice melt salt, block, or rock salts;
- the sanitizing process (both with liquid and electrochlorination) may introduce chlorine compounds which may reduce the life of the ion exchange resins. Refer to media manufacturer specifications sheet for more information.

5.2 Trigger a regeneration

Regeneration options:

- Now (Regeneration starts immediately. Controller goes to regeneration screen);
- Delayed (Controller goes back to service screen. Regeneration starts on the scheduled time);
- Cancel (No regeneration and controller goes back to service screen).

1. Press  +  once to access manual regeneration menu.
2. Using  and , scroll to select the desired option.
3. Press  to confirm selection.

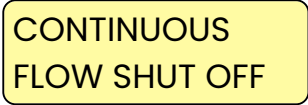


6 Error display color

The background color of the display changes depending on the error type:

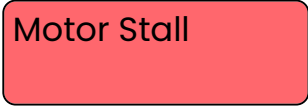
Yellow

System presents a minor error.



Red

System presents a major error.




In case the controller detects an alert whether yellow or red type, the alert display will override the service screens.

7 Maintenance

Mandatory

 **Cleaning and maintenance shall take place at regular intervals in order to guarantee the proper functioning of the complete system, and be documented in the Maintenance record book.**

Mandatory

 **The maintenance and service operation must be done by qualified personnel only. Failure in respecting this may void the warranty.**

8 Troubleshooting

Please follow this procedure for any technical support:

1. Collect the required information for a technical assistance request.
 - ⇒ Product identification (see Serial label location [→Page 5] and Original settings [→Page 2]);
 - ⇒ Error number displayed on the controller;
2. Contact your local dealer who installed this device (see contact details on last page).
 - ⇒ Also call him if the water tastes salty, if the water is not softened or if there is no salt consumption.