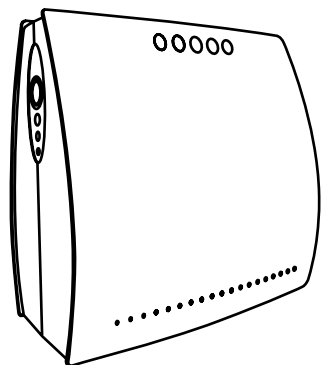


G U T Z Z I



FT

Ficha técnica **Libro de servicio**

Data sheet
Service book

FT

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1. MAIN SPECIFICATIONS



CS FILTERS

Exclusive filters. Maximum hygiene and safety.



DIRECT ACCESS

Easy access and maintenance



REMINERALIZER

pH-regulating post-filter



ENCAPSULATED MEMBRANE

Maximum hygiene. Easy installation.



CLICK

Quick connectors and maximum safety



SOLENOID VALVE

Immediate control.
Built-in safety mesh



PRESSURE CONTROL

Protection against pressure drops in the supply network



ELECTRONIC ADAPTER

Higher safety and efficiency



DOUBLE FLOW

Higher flow of produced water



FLUSHING READY

Autoflushing solenoid valve
preassembly kit



AQUASTOP

Automatic leakage
sensor



INTERFACE

The appliance can be configured
and adapted to the user's needs
through a computer interface

**FILTER CONTROL**

Automatic maintenance warning

**QUALITY CONTROL**

Conductivity control of water produced

**SOUND WARNINGS**

Acoustic warnings

**BLOQUEO DE SEGURIDAD**

Proper maintenance guarantees water quality

**COMPACT PRESSURE PUMP**

High efficiency. Compact design.

**AUTO-DIAGNOSIS**

Individualized verification for easier components maintenance

2. TECHNICAL CHARACTERISTICS

Application

Water treatment

- Reverse osmosis

Use

- Improves the drinking water's characteristics (meeting all European Directive on Water for Human Consumption 98/83 requirements and its national transpositions in the various EU member states).

Modifications due to reduction or contribution

- Water treatment via reverse osmosis is able to greatly reduce salt and other concentrations.

- Minimum reduction* of specific compounds and parameters:

Sodium – 90 %
 Calcium – 90%
 Sulphates – 90%
 Chloride – 90%
 Total Hardness – 90%
 Conductivity – 90%

(*): Depending on the characteristics of the water to be treated (in the membrane outlet).

These values may vary in function of the type of post-filter used by the equipment and/or setting of the mixing valve (where applicable).

Working limits

PUMP

Pressure (max. / min.)	2.5 bar (250 kPa) 1 bar (100 kPa)
TDS (max.)	2000 ppm
Temperature (max. / min.)	40°C – 2°C
Hardness (max.)	15°HF**

Technical Information

PUMP

Control type	High pressure switch. Inlet solenoid valve
Safety lock	Low pressure switch. Electronic leaking sensor. Maintenance notice. Water quality control.
Dimensions (mm)	410 x 415 x215
Weight (kg)	10 Kg
Tank (dimensions)	Built-in
Total tank volume	5,5 l
Entry connection	1/4"
Drain connection	1/4"
Tap connection	3/8"
Wall adapter	3/8" M-F *****
Drain collar	40mm drain tube clamp
Pre-filters	1 x CS Sediments 1 x CS GAC



Technical Information

PUMP

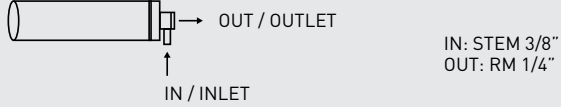
Membrane

1812 x 75 GPD GREEN FILTER



Post-filter

1 FPA x REMINERALIZER

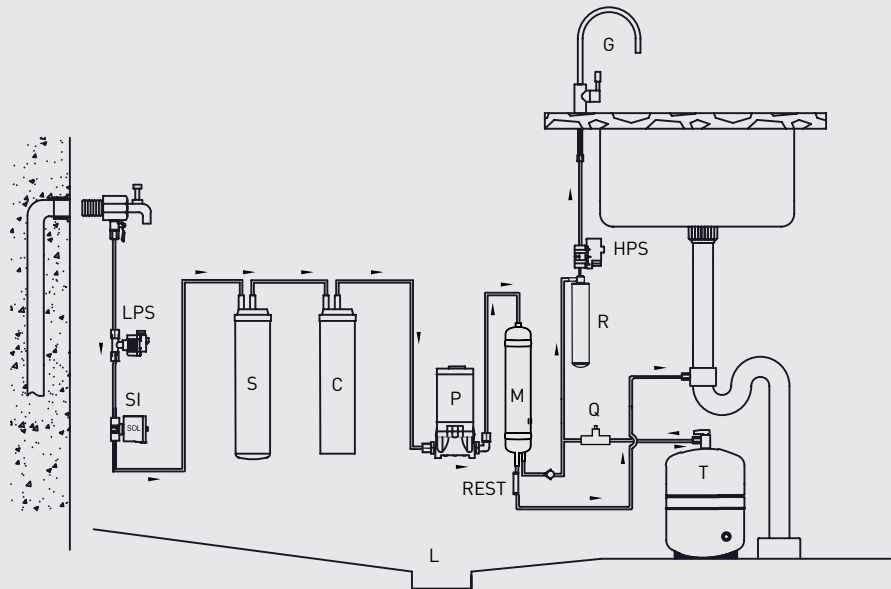


Power supply
Electrical adaptor
Tap type
Production

24 Vdc 1.1 A
100-240 Vac 50/60 Hz: 24 Vdc
Klein 1 way
0.25 lpm.
Without counter pressure.
Water to be treated 15 °HF.
200 ppm, 20 °C, 2 bar****
PJK - 266B + PJK 049

Control and management
electronic system
Membrane cleaning
system

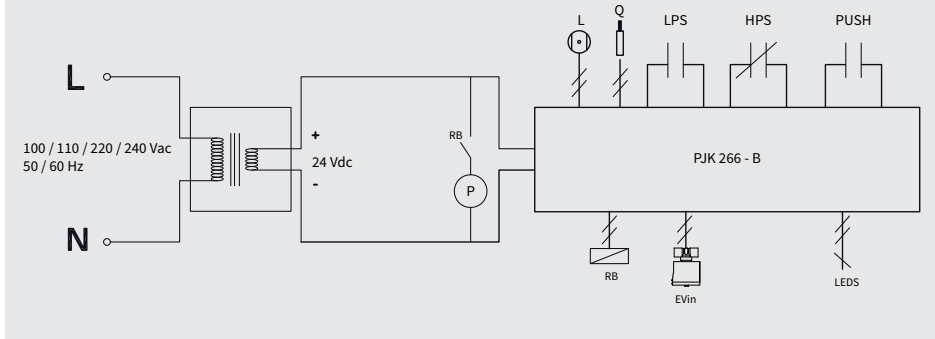
Hydraulic diagram



English

Electrical diagram

PUMP



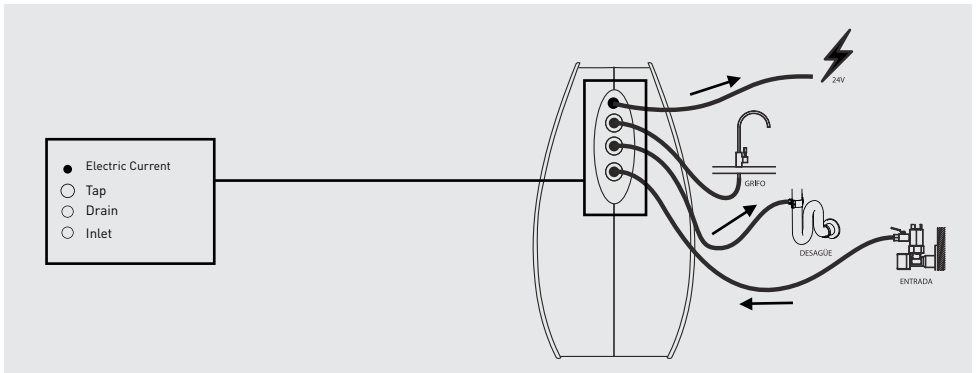
- * For salinity levels above 2000 ppm, please check with your distributor. Warning: a high salinity rate and/or low entry pressure may cause the machine to operate outside of its working limits thus substantially limiting or preventing the reverse osmosis process.
- ** Higher levels of hardness can reduce the service life and correct function of certain components.
- *** Maximum accumulation may vary depending on the model.
- **** Flows can vary by up to 20% in function of the temperature, pressure and specific composition of the water to be treated.
- ***** Possible variations depending on the model chosen.

MANUFACTURED BY:

PURICOM INDUSTRIAL WATER CORPORATION (Taiwan)

DISTRIBUTED BY:

IONFILTER, PURICOM EUROPE, PURICOM AMÉRICA
 Pol. Ind. L'Ametlla Park. C. Aiguafreda, 8.
 08480 L'Ametlla del Vallès, Barcelona (Spain)
 T. 902 305 310 F. +34 936 934 329



3. HOW THE EQUIPMENT WORKS

- The mains water to be treated is fed through the equipment after passing through the pre-filtering stage that incorporates a turbidity (S) and carbon filter (C). During this filtering stage, chlorine, its derivatives and other organic substance particles are retained.
- Water flow towards the appliance is controlled either by a 4 ways shut off valve (So) or by a solenoid valve (Si) (depending on the model).

- After the filtering stage, water flows towards the reverse osmosis membrane (M). Depending on each model, the appliance may incorporate a pump (P) to increase pressure. It is the effect of the water pressure upon the membrane, which makes the reverse osmosis possible.
- The treated water is stored in the tank (T) for its subsequent use. Water that is rejected or has excessive salt or other dissolved substances flows towards the drain outlet (G) to be disposed of.














- When the system's tap is turned on, the water stored in the tank flows through a post-filtering stage (R) whose aim is the elimination of possible odours and taste, as well as pH level adjustment (depending on the model), which the water may retain before being dispensed.
- Depending on the model, the appliances may have different functional and/or safety systems, managed by a state-of-the-art electronic module:
- The equipment with a pump (P) control the filling of the tank via a pressure switch (HPS).

- The unit with a pump (PUMP) have a built-in low pressure switch to protect the pump against pressure drops from the network (LPS).

- Electronic system for leakage detection (L). When the system detects this condition, it blocks the system and emits an acoustic signal and a light signal to inform about the situation. The unit will remain blocked until the leakage sensor is dry.

4. INTERFACE. SYSTEM STATUS.

CONTROLLER PJK-266-B + PJK-049

VISUAL INDICATION	LED STATUS	ACUSTIC INDICATION	PUSH	MEANING
BLUE LED "Power"		-	-	Electrically powered system.
BLUE LED "Power"		-	-	The electric/electronic system is not working properly /has failed*
GREEN LED "Water quality detector"		-		When the PUSH-button on the front panel is pressed, it indicates that the quality of water produced is excellent.
GREEN LED "Water quality detector"	 x1			When the PUSH-button on the front panel is pressed, it indicates that the quality of water produced is poor.
RED LED "Leaking sensor/filters"			-	Carry out the maintenance/change the filters immediately. **
RED LED "Leaking sensor/filters"	 x1		-	A water leak has been detected. System blocked. Remove water from sensor in order to start back the unit.
RED LED "Leaking sensor/filters"	 x2		-	Carry out the maintenance/change the filters soon.



Led is off



LED is permanently off



x1 LED is on: single flashing



x2 LED is on: double flashing



Acoustic signals



Regular acoustic signals

(*) Contact your service.

(**) In order to guarantee the quality of the produced water, the unit will remain blocked after 1 year while informing the user that the filters should be replaced. If you detect that the unit is blocked please contact the maintenance service to make the appointment and so do the maintenance required by the equipment.

(***) Contact your service if, after opening the faucet,

the unit would find at rest without dispensing water using the tap or showing any alarm.

Contact your service if the unit blocks repeatedly due to low water pressure and having pressure water on the rest of the house without dispensing water using the tap or showing any alarm.

When you detect any of the states described above, contact with the maintenance service to arrange

appointment. See the relevant section in Technical Manual.

The beeps are not continuous; they last a few seconds (10 s.) While maintenance state is maintained it will be indicated by LED's on the panel and acoustic notification periodically every 7 hours.

Read troubleshooting section in User Manual.

5. WARRANTY

END USER WARRANTY:

The distributor guarantees this equipment for a period of two years against any fault found, and in accordance with the provisions of RD (Royal Decree) 1/2007 of the 16th of November (Amended text of the General Law for the Protection of Consumers and Users). This guarantee encompasses repair and replacement of defective parts by personnel authorised by the distributor or by the Official Technical Assistance Service (SAT), either at the location of installation or at their respective workshops. Labour and shipping costs incurred by said repairs are included in the guarantee.

IF/PEU/PAM will not be liable to honour the warranty in the event of parts, which are subject to general wear and tear, lack of due maintenance, damage or other incidents due to the consequence of misuse or inappropriate use in accordance with conditions, and functional limits of said equipment as indicated by the manufacturer. Furthermore, the warranty will be rendered invalid in the event of poor use or in the event of said equipment being modified or repaired by personnel not authorised by the distributor or by the official SAT. Replacement parts under warranty shall remain the property of IF/PEU/PAM*. IF/PEU/PAM* shall be held responsible for any lack of conformity of equipment in relation to its origin, identity or appropriateness of the products, in accordance with equipment type and end use. Taking into account the equipment's characteristics, in order for the warranty to cover any lack of conformity, the adherence to the installation and working technical conditions which appear in this warranty is essential, as well as the submission of either a sales invoice or receipt.

Failure to comply with said conditions may invalidate this warranty, taking into account the relevance of the equipment's aim and conditions and working limits.

The distributor guarantees that the installed equipment is appropriate for the improvement of the quality of the water to be treated, in accordance with the equipment's characteristics and current legislation.

The installation personnel and/or distributor guarantees the correct installation and initial operation of the equipment in accordance with the manufacturer's instructions and any current legislation, and will be responsible for any lack of conformity which arises from any incorrect application, installation or initial operation of said equipment.

For any warranty claim the submission of the sales receipt is required. The 2-year period is calculated from the date the equipment is purchased from the distributor.

If during the warranty period the equipment encounters any issues please contact your local distributor.

In the event of equipment installation, where the water to be treated has a hardness in excess of 25°F, IF/PEU/PAM* shall not be held responsible for any equipment breakdown, poor working or any associated consequences caused by the water's characteristics.

* IF/PEU/PAM = IONFILTER/PURICOM EUROPE/
PURICOM AMÉRICA

IDENTIFICATION OF THE SYSTEM:

S/O
P/N
S/N

The equipment has been installed and is working in a satisfactory manner for the client and for the record:

*RO equipment prior treatment:

*RO equipment entry hardness [*F]:

*RO equipment entry TDS [ppm]:

*RO equipment entry pressure [bar]:

*TDS produced water (tap) [ppm]:

*Installation and initial operation service result sheet

CORRECT.

OTHER INFORMATION:

The equipment's owners have been suitably and clearly informed of the use and maintenance required to ensure its correct working and of the quality of water to be produced. To these effects a maintenance contract is offered.

*Ref. Maintenance contract

The maintenance contract IS ACCEPTED.

The maintenance contract is NOT ACCEPTED.

In the event of needing further information, to report a breakdown or fault, please request either maintenance or technical assistance. Please read the sections relating to troubleshooting in this manual and contact the distributor or retailer.

COMPANY AND/OR AUTHORISED INSTALLER:

(date and signature)



NOTES FOR THE COMPANY/AUTHORISED TECHNICIAN/INSTALLER:
Information marked with an (*) should be filled in by the installation technician.

TECHNICAL ASSISTANCE LINE



6. EQUIPMENT INSTALLATION AND INITIAL OPERATION REGISTRATION SHEET. TECHNICIAN

! **NOTES FOR TECHNICIAN/INSTALLER:** Please read this manual carefully. In the event of any queries please contact your distributor's Technical Assistance Service (S.A.T.). Information marked with an (*) should be filled in by the installation technician and copied to the WARRANTY SHEET. This document should be retained by the installer/distributor as it may be requested by IF/PEU/PAM, with the aim of improving customer and after sales service. The technician who carries out the installation should be suitably qualified.

S/O
P/N
S/N

INFORMATION REGARDING THE EQUIPMENT'S APPLICATION:

Source of water to be treated:

- Public water supply network.
 Other networks:

*RO equipment prior treatment:

*RO equipment entry hardness [°F]:

*RO equipment entry TDS [ppm]:

*RO equipment entry pressure [bar]:

RO equipment entry chlorine concentration [ppm]:

INSTALLATION PROCESS CONTROL:

- Carbon pre-filter cleaning.
 Carbon post filter cleaning.
 Membrane assembly.
 Sanitation in accordance with protocol.
 Flow restrictor check.
 Maximum pressure calibration.
 Review and fittings.
 Pressurized system water tightness check.
 *TDS produced water (Work surface tap) [ppm]:
 Clearly inform of the correct use and maintenance required to ensure correct working of the equipment and for the quality of the water produced. Given the importance that correct equipment maintenance has to ensure the quality of water to be produced, the owner of the equipment should be offered a maintenance contract by suitably qualified technicians.

COMMENTS

*Installation and initial operation results:

- CORRECT (equipment installed and working properly. Produced water is suitable for this application)
 OTHER COMMENTS:

TECHNICIAN IDENTIFICATION

Company and/or installer, date and signature:

CONFORMITY OF EQUIPMENT OWNER:

I have been clearly informed regarding the correct use and maintenance required for the installed equipment, and have been offered a maintenance contract as well as being informed of how to contact the Customer Service Department in the event of wishing to make any information requests, to report an equipment breakdown or malfunction, or to request any technical services.

Comments

*Ref. Maintenance contract:

- The maintenance contract IS ACCEPTED.
 The maintenance contract is NOT ACCEPTED.

Model / Ref.:

Owner, Mr/Mrs/Ms:

Street:

Telephone No:

Town/City:

State/County: Post Code:

Date and signature:

English



6. EQUIPMENT INSTALLATION AND INITIAL OPERATION REGISTRATION SHEET. TECHNICIAN

English

DATE		TYPE OF SERVICE		NAME, SIGNATURE AND STAMP OF AUTHORISED TECHNICIAN	
/	/	<input type="checkbox"/>	INITIAL OPERATION	TECHNICIAN	<input type="checkbox"/> ORDINARY <input type="checkbox"/> EXTRAORDINARY <input type="checkbox"/> WARRANTY
/	/	<input type="checkbox"/>	MAINTENANCE COMPLETE	STAMP	
/	/	<input type="checkbox"/>	REPAIR		
/	/	<input type="checkbox"/>	SANITATION		
/	/	<input type="checkbox"/>	OTHERS		
/	/	<input type="checkbox"/>	MAINTENANCE COMPLETE	TECHNICIAN	<input type="checkbox"/> ORDINARY <input type="checkbox"/> EXTRAORDINARY <input type="checkbox"/> WARRANTY
/	/	<input type="checkbox"/>	REPAIR	STAMP	
/	/	<input type="checkbox"/>	SANITATION		
/	/	<input type="checkbox"/>	OTHERS		
/	/	<input type="checkbox"/>	MAINTENANCE COMPLETE	TECHNICIAN	
/	/	<input type="checkbox"/>	REPAIR	STAMP	
/	/	<input type="checkbox"/>	SANITATION		
/	/	<input type="checkbox"/>	OTHERS		
/	/	<input type="checkbox"/>	MAINTENANCE COMPLETE	TECHNICIAN	<input type="checkbox"/> ORDINARY <input type="checkbox"/> EXTRAORDINARY <input type="checkbox"/> WARRANTY
/	/	<input type="checkbox"/>	REPAIR	STAMP	
/	/	<input type="checkbox"/>	SANITATION		
/	/	<input type="checkbox"/>	OTHERS		
/	/	<input type="checkbox"/>	MAINTENANCE COMPLETE	TECHNICIAN	
/	/	<input type="checkbox"/>	REPAIR	STAMP	
/	/	<input type="checkbox"/>	SANITATION		
/	/	<input type="checkbox"/>	OTHERS		
/	/	<input type="checkbox"/>	MAINTENANCE COMPLETE	TECHNICIAN	<input type="checkbox"/> ORDINARY <input type="checkbox"/> EXTRAORDINARY <input type="checkbox"/> WARRANTY
/	/	<input type="checkbox"/>	REPAIR	STAMP	
/	/	<input type="checkbox"/>	SANITATION		
/	/	<input type="checkbox"/>	OTHERS		
/	/	<input type="checkbox"/>	MAINTENANCE COMPLETE	TECHNICIAN	
/	/	<input type="checkbox"/>	REPAIR	STAMP	
/	/	<input type="checkbox"/>	SANITATION		
/	/	<input type="checkbox"/>	OTHERS		

7. SERVICE BOOK. USER

DATE	TYPE OF SERVICE	NAME, SIGNATURE AND STAMP OF AUTHORISED TECHNICIAN	
/ /	<input type="checkbox"/> INITIAL OPERATION	TECHNICIAN	
/ /	<input type="checkbox"/> MAINTENANCE COMPLETE	STAMP	<input type="checkbox"/> ORDINARY
/ /	<input type="checkbox"/> REPAIR		<input type="checkbox"/> EXTRAORDINARY
/ /	<input type="checkbox"/> SANITATION		<input type="checkbox"/> WARRANTY
/ /	<input type="checkbox"/> OTHERS		
/ /	<input type="checkbox"/> MAINTENANCE COMPLETE		TECHNICIAN
/ /	<input type="checkbox"/> REPAIR	STAMP	<input type="checkbox"/> EXTRAORDINARY
/ /	<input type="checkbox"/> SANITATION		<input type="checkbox"/> WARRANTY
/ /	<input type="checkbox"/> OTHERS		
/ /	<input type="checkbox"/> MAINTENANCE COMPLETE		TECHNICIAN
/ /	<input type="checkbox"/> REPAIR	STAMP	<input type="checkbox"/> EXTRAORDINARY
/ /	<input type="checkbox"/> SANITATION		<input type="checkbox"/> WARRANTY
/ /	<input type="checkbox"/> OTHERS		
/ /	<input type="checkbox"/> MAINTENANCE COMPLETE		TECHNICIAN
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/ /	<input type="checkbox"/> OTHERS		
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/ /	<input type="checkbox"/> SANITATION		<input type="checkbox"/> WARRANTY
/ /	<input type="checkbox"/> OTHERS		
/ /	<input type="checkbox"/> MAINTENANCE COMPLETE		TECHNICIAN

English

Warning: the recommended maintenance intervals are defined in the corresponding section of the **Technical Manual**.

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